

John Hancock Variable Insurance Trust

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

500 Index Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 97.4%		
Communication services – 9.9%		
Diversified telecommunication services – 1.0%		
AT&T, Inc.	1,451,242	\$ 35,700,553
Lumen Technologies, Inc.	181,806	2,281,665
Verizon Communications, Inc.	841,500	43,724,340
		81,706,558
Entertainment – 1.6%		
Activision Blizzard, Inc.	158,073	10,516,597
Electronic Arts, Inc.	57,843	7,629,492
Live Nation Entertainment, Inc. (A)	26,780	3,205,298
Netflix, Inc. (A)	90,363	54,438,286
Take-Two Interactive Software, Inc. (A)	23,683	4,208,943
The Walt Disney Company (A)	370,961	57,458,149
		137,456,765
Interactive media and services – 6.1%		
Alphabet, Inc., Class A (A)	61,280	177,530,611
Alphabet, Inc., Class C (A)	56,936	164,749,440
Match Group, Inc. (A)	58,231	7,701,050
Meta Platforms, Inc., Class A (A)	481,964	162,108,591
Twitter, Inc. (A)	162,191	7,009,895
		519,099,587
Media – 1.0%		
Charter Communications, Inc., Class A (A)	25,173	16,412,041
Comcast Corp., Class A	930,968	46,855,619
Discovery, Inc., Series A (A)(B)	34,370	809,070
Discovery, Inc., Series C (A)	61,733	1,413,686
DISH Network Corp., Class A (A)	50,596	1,641,334
Fox Corp., Class A	65,733	2,425,548
Fox Corp., Class B	30,146	1,033,103
News Corp., Class A	79,517	1,774,024
News Corp., Class B	24,750	556,875
Omnicom Group, Inc.	43,579	3,193,033
The Interpublic Group of Companies, Inc.	80,005	2,996,187
ViacomCBS, Inc., Class B	123,135	3,716,214
		82,826,734
Wireless telecommunication services – 0.2%		
T-Mobile US, Inc. (A)	119,218	13,826,904
		834,916,548
Consumer discretionary – 12.2%		
Auto components – 0.1%		
Aptiv PLC (A)	54,982	9,069,281
BorgWarner, Inc.	48,739	2,196,667
		11,265,948
Automobiles – 2.5%		
Ford Motor Company	797,556	16,565,238
General Motors Company (A)	295,071	17,300,013
Tesla, Inc. (A)	165,680	175,087,310
		208,952,561
Distributors – 0.1%		
Genuine Parts Company	29,109	4,081,082
LKQ Corp.	54,953	3,298,829
Pool Corp.	8,151	4,613,466
		11,993,377
Hotels, restaurants and leisure – 1.9%		
Booking Holdings, Inc. (A)	8,346	20,023,974
Caesars Entertainment, Inc. (A)	43,381	4,057,425
Carnival Corp. (A)	162,307	3,265,617
Chipotle Mexican Grill, Inc. (A)	5,710	9,982,508
Darden Restaurants, Inc.	26,488	3,990,152
Domino's Pizza, Inc.	7,491	4,227,396
Expedia Group, Inc. (A)	29,532	5,337,023
Hilton Worldwide Holdings, Inc. (A)	56,644	8,835,898

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hotels, restaurants and leisure (continued)		
Las Vegas Sands Corp. (A)	69,878	\$ 2,630,208
Marriott International, Inc., Class A (A)	55,601	9,187,509
McDonald's Corp.	152,712	40,937,506
MGM Resorts International	81,294	3,648,475
Norwegian Cruise Line Holdings, Ltd. (A)(B)	75,206	1,559,772
Penn National Gaming, Inc. (A)	31,868	1,652,356
Royal Caribbean Cruises, Ltd. (A)	45,556	3,503,256
Starbucks Corp.	239,658	28,032,796
Wynn Resorts, Ltd. (A)	21,395	1,819,431
Yum! Brands, Inc.	60,092	8,344,375
		161,035,677
Household durables – 0.4%		
D.R. Horton, Inc.	66,251	7,184,921
Garmin, Ltd.	30,881	4,205,066
Lennar Corp., A Shares	55,833	6,485,561
Mohawk Industries, Inc. (A)	11,365	2,070,476
Newell Brands, Inc.	76,953	1,680,654
NVR, Inc. (A)	643	3,799,403
PulteGroup, Inc.	52,750	3,015,190
Whirlpool Corp.	12,745	2,990,742
		31,432,013
Internet and direct marketing retail – 3.7%		
Amazon.com, Inc. (A)	88,834	296,202,760
eBay, Inc.	127,529	8,480,679
Etsy, Inc. (A)	25,727	5,632,669
		310,316,108
Leisure products – 0.0%		
Hasbro, Inc.	26,306	2,677,425
Multiline retail – 0.5%		
Dollar General Corp.	46,932	11,067,974
Dollar Tree, Inc. (A)	45,406	6,380,451
Target Corp.	99,309	22,984,075
		40,432,500
Specialty retail – 2.3%		
Advance Auto Parts, Inc.	13,301	3,190,644
AutoZone, Inc. (A)	4,260	8,930,621
Bath & Body Works, Inc.	53,812	3,755,539
Best Buy Company, Inc.	45,819	4,655,210
CarMax, Inc. (A)	33,117	4,312,827
Lowe's Companies, Inc.	140,974	36,438,960
O'Reilly Automotive, Inc. (A)	13,660	9,647,102
Ross Stores, Inc.	72,587	8,295,242
The Gap, Inc.	43,747	772,135
The Home Depot, Inc.	214,894	89,183,159
The TJX Companies, Inc.	245,225	18,617,482
Tractor Supply Company	23,240	5,545,064
Ulta Beauty, Inc. (A)	11,130	4,589,344
		197,933,329
Textiles, apparel and luxury goods – 0.7%		
NIKE, Inc., Class B	259,778	43,297,199
PVH Corp.	14,504	1,546,852
Ralph Lauren Corp.	9,884	1,174,812
Tapestry, Inc.	56,679	2,301,167
Under Armour, Inc., Class A (A)	38,345	812,531
Under Armour, Inc., Class C (A)	42,357	764,120
VF Corp.	66,239	4,850,020
		54,746,701
		1,030,785,639
Consumer staples – 5.7%		
Beverages – 1.4%		
Brown-Forman Corp., Class B	37,138	2,705,875

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500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Beverages (continued)		
Constellation Brands, Inc., Class A	33,187	\$ 8,328,941
Molson Coors Beverage Company, Class B	38,292	1,774,834
Monster Beverage Corp. (A)	76,324	7,330,157
PepsiCo, Inc.	282,342	49,045,629
The Coca-Cola Company	793,835	47,002,970
		116,188,406
Food and staples retailing – 1.4%		
Costco Wholesale Corp.	89,853	51,009,548
Sysco Corp.	103,982	8,167,786
The Kroger Company	138,211	6,255,430
Walgreens Boots Alliance, Inc.	145,925	7,611,448
Walmart, Inc.	290,471	42,028,249
		115,072,461
Food products – 0.8%		
Archer-Daniels-Midland Company	113,694	7,684,577
Campbell Soup Company	41,270	1,793,594
Conagra Brands, Inc.	97,630	3,334,065
General Mills, Inc.	123,229	8,303,170
Hormel Foods Corp.	57,293	2,796,471
Kellogg Company	51,964	3,347,521
Lamb Weston Holdings, Inc.	29,496	1,869,456
McCormick & Company, Inc.	50,650	4,893,297
Mondelez International, Inc., Class A	284,114	18,839,599
The Hershey Company	29,559	5,718,780
The J.M. Smucker Company	22,021	2,990,892
The Kraft Heinz Company	144,293	5,180,119
Tyson Foods, Inc., Class A	59,923	5,222,889
		71,974,430
Household products – 1.3%		
Church & Dwight Company, Inc.	49,908	5,115,570
Colgate-Palmolive Company	171,449	14,631,458
Kimberly-Clark Corp.	68,449	9,782,731
The Clorox Company	24,962	4,352,374
The Procter & Gamble Company	493,387	80,708,245
		114,590,378
Personal products – 0.2%		
The Estee Lauder Companies, Inc., Class A	47,134	17,449,007
Tobacco – 0.6%		
Altria Group, Inc.	374,818	17,762,625
Philip Morris International, Inc.	316,782	30,094,290
		47,856,915
		483,131,597
Energy – 2.6%		
Energy equipment and services – 0.2%		
Baker Hughes Company	179,896	4,328,298
Halliburton Company	180,998	4,139,424
Schlumberger NV	284,239	8,512,958
		16,980,680
Oil, gas and consumable fuels – 2.4%		
APA Corp.	76,835	2,066,093
Chevron Corp.	393,078	46,127,703
Coterra Energy, Inc.	166,639	3,166,141
Devon Energy Corp.	127,972	5,637,167
Diamondback Energy, Inc.	34,592	3,730,747
EOG Resources, Inc.	118,672	10,541,634
Exxon Mobil Corp.	860,494	52,653,628
Hess Corp.	56,019	4,147,087
Kinder Morgan, Inc.	396,186	6,283,510
Marathon Oil Corp.	160,247	2,631,256
Marathon Petroleum Corp.	125,818	8,051,094

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Occidental Petroleum Corp.	180,297	\$ 5,226,810
ONEOK, Inc.	90,583	5,322,657
Phillips 66	89,024	6,450,679
Pioneer Natural Resources Company	46,115	8,387,396
The Williams Companies, Inc.	246,946	6,430,474
Valero Energy Corp.	83,095	6,241,265
		202,492,200
		219,472,880
Financials – 10.4%		
Banks – 3.9%		
Bank of America Corp.	1,466,663	65,251,837
Citigroup, Inc.	403,692	24,378,960
Citizens Financial Group, Inc.	86,604	4,092,039
Comerica, Inc.	27,221	2,368,227
Fifth Third Bancorp	140,392	6,114,072
First Republic Bank	37,019	7,644,794
Huntington Bancshares, Inc.	300,118	4,627,820
JPMorgan Chase & Co.	601,678	95,275,711
KeyCorp	183,844	4,252,312
M&T Bank Corp.	26,154	4,016,731
People's United Financial, Inc.	86,983	1,550,037
Regions Financial Corp.	194,015	4,229,527
Signature Bank	12,323	3,986,121
SVB Financial Group (A)	11,924	8,087,334
The PNC Financial Services Group, Inc.	86,382	17,321,319
Truist Financial Corp.	271,312	15,885,318
U.S. Bancorp	274,229	15,403,443
Wells Fargo & Company	811,687	38,944,742
Zions Bancorp NA	32,941	2,080,554
		325,510,898
Capital markets – 2.9%		
Ameriprise Financial, Inc.	23,119	6,974,078
BlackRock, Inc.	29,079	26,623,569
Cboe Global Markets, Inc.	21,672	2,826,029
CME Group, Inc.	72,996	16,676,666
FactSet Research Systems, Inc.	7,673	3,729,155
Franklin Resources, Inc.	57,236	1,916,834
Intercontinental Exchange, Inc.	114,464	15,655,241
Invesco, Ltd.	69,397	1,597,519
MarketAxess Holdings, Inc.	7,724	3,176,649
Moody's Corp.	32,926	12,860,237
Morgan Stanley	292,315	28,693,640
MSCI, Inc.	16,757	10,266,846
Nasdaq, Inc.	23,790	4,996,138
Northern Trust Corp.	42,357	5,066,321
Raymond James Financial, Inc.	37,644	3,779,458
S&P Global, Inc.	48,985	23,117,491
State Street Corp.	74,316	6,911,388
T. Rowe Price Group, Inc.	46,126	9,070,217
The Bank of New York Mellon Corp.	154,502	8,973,476
The Charles Schwab Corp.	305,132	25,661,601
The Goldman Sachs Group, Inc.	69,142	26,450,272
		245,022,825
Consumer finance – 0.5%		
American Express Company	127,815	20,910,534
Capital One Financial Corp.	86,565	12,559,716
Discover Financial Services	58,749	6,789,034
Synchrony Financial	110,579	5,129,760
		45,389,044
Diversified financial services – 1.3%		
Berkshire Hathaway, Inc., Class B (A)	372,849	111,481,851
Insurance – 1.8%		
Aflac, Inc.	125,425	7,323,566

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

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Insurance (continued)		
American International Group, Inc.	169,174	\$ 9,619,234
Aon PLC, Class A	44,886	13,490,936
Arthur J. Gallagher & Company	42,023	7,130,042
Assurant, Inc.	11,954	1,863,150
Brown & Brown, Inc.	47,508	3,338,862
Chubb, Ltd.	87,619	16,937,629
Cincinnati Financial Corp.	30,468	3,471,219
Everest Re Group, Ltd.	8,104	2,219,848
Globe Life, Inc.	19,021	1,782,648
Lincoln National Corp.	35,905	2,450,875
Loews Corp.	41,311	2,386,123
Marsh & McLennan Companies, Inc.	102,974	17,898,941
MetLife, Inc.	144,037	9,000,872
Principal Financial Group, Inc.	50,733	3,669,518
Prudential Financial, Inc.	76,340	8,263,042
The Allstate Corp.	57,953	6,818,170
The Hartford Financial Services Group, Inc.	70,567	4,871,946
The Progressive Corp.	118,938	12,208,986
The Travelers Companies, Inc.	49,172	7,691,976
W.R. Berkley Corp.	28,506	2,348,609
Willis Towers Watson PLC	25,190	5,982,373
		150,768,565
		878,173,183
Health care – 13.0%		
Biotechnology – 1.7%		
AbbVie, Inc.	361,059	48,887,389
Amgen, Inc.	114,308	25,715,871
Biogen, Inc. (A)	30,292	7,267,657
Gilead Sciences, Inc.	254,843	18,504,150
Incyte Corp. (A)	38,153	2,800,430
Moderna, Inc. (A)	72,238	18,347,007
Regeneron Pharmaceuticals, Inc. (A)	21,363	13,491,162
Vertex Pharmaceuticals, Inc. (A)	51,576	11,326,090
		146,339,756
Health care equipment and supplies – 2.9%		
Abbott Laboratories	360,334	50,713,407
ABIOMED, Inc. (A)	9,224	3,312,984
Align Technology, Inc. (A)	14,935	9,814,983
Baxter International, Inc.	101,609	8,722,117
Becton, Dickinson and Company	58,373	14,679,642
Boston Scientific Corp. (A)	289,406	12,293,967
Dentsply Sirona, Inc.	44,422	2,478,303
DexCom, Inc. (A)	19,665	10,559,122
Edwards Lifesciences Corp. (A)	126,695	16,413,337
Hologic, Inc. (A)	51,523	3,944,601
IDEXX Laboratories, Inc. (A)	17,292	11,386,090
Intuitive Surgical, Inc. (A)	72,501	26,049,609
Medtronic PLC	275,477	28,498,096
ResMed, Inc.	29,577	7,704,217
STERIS PLC	20,277	4,935,625
Stryker Corp.	68,216	18,242,323
Teleflex, Inc.	9,513	3,124,830
The Cooper Companies, Inc.	10,010	4,193,589
Zimmer Biomet Holdings, Inc.	42,448	5,392,594
		242,459,436
Health care providers and services – 2.7%		
AmerisourceBergen Corp.	30,408	4,040,919
Anthem, Inc.	49,557	22,971,652
Cardinal Health, Inc.	58,974	3,036,571
Centene Corp. (A)	118,507	9,764,977
Cigna Corp.	67,512	15,502,781
CVS Health Corp.	268,211	27,668,647
DaVita, Inc. (A)	13,633	1,550,890

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care providers and services (continued)		
HCA Healthcare, Inc.	48,803	\$ 12,538,467
Henry Schein, Inc. (A)	28,393	2,201,309
Humana, Inc.	26,119	12,115,559
Laboratory Corp. of America Holdings (A)	19,655	6,175,798
McKesson Corp.	31,438	7,814,544
Quest Diagnostics, Inc.	24,834	4,296,530
UnitedHealth Group, Inc.	191,653	96,236,637
Universal Health Services, Inc., Class B	15,422	1,999,617
		227,914,898
Health care technology – 0.1%		
Cerner Corp.	60,079	5,579,537
Life sciences tools and services – 2.0%		
Agilent Technologies, Inc.	61,676	9,846,573
Bio-Rad Laboratories, Inc., Class A (A)	4,368	3,300,330
Bio-Techne Corp.	7,905	4,089,573
Charles River Laboratories International, Inc. (A)	10,243	3,859,358
Danaher Corp.	129,916	42,743,663
Illumina, Inc. (A)	31,856	12,119,297
IQVIA Holdings, Inc. (A)	38,946	10,988,224
Mettler-Toledo International, Inc. (A)	4,699	7,975,190
PerkinElmer, Inc.	25,714	5,170,057
Thermo Fisher Scientific, Inc.	80,336	53,603,393
Waters Corp. (A)	12,472	4,647,067
West Pharmaceutical Services, Inc.	15,037	7,052,503
		165,395,228
Pharmaceuticals – 3.6%		
Bristol-Myers Squibb Company	451,656	28,160,752
Catalent, Inc. (A)	34,623	4,432,783
Eli Lilly & Company	161,377	44,575,555
Johnson & Johnson	536,490	91,777,344
Merck & Company, Inc.	514,515	39,432,430
Organon & Company	51,529	1,569,058
Pfizer, Inc.	1,143,733	67,537,434
Viatris, Inc.	245,795	3,325,606
Zoetis, Inc.	96,332	23,507,898
		304,318,860
		1,092,007,715
Industrials – 7.6%		
Aerospace and defense – 1.3%		
General Dynamics Corp.	47,159	9,831,237
Howmet Aerospace, Inc.	78,461	2,497,414
Huntington Ingalls Industries, Inc.	8,159	1,523,612
L3Harris Technologies, Inc.	39,699	8,465,415
Lockheed Martin Corp.	50,094	17,803,909
Northrop Grumman Corp.	30,590	11,840,471
Raytheon Technologies Corp.	306,484	26,376,013
Textron, Inc.	45,557	3,517,000
The Boeing Company (A)	111,990	22,545,827
TransDigm Group, Inc. (A)	10,642	6,771,292
		111,172,190
Air freight and logistics – 0.6%		
CH Robinson Worldwide, Inc.	26,771	2,881,363
Expeditors International of Washington, Inc.	34,531	4,637,168
FedEx Corp.	49,993	12,930,190
United Parcel Service, Inc., Class B	148,029	31,728,536
		52,177,257
Airlines – 0.2%		
Alaska Air Group, Inc. (A)	25,454	1,326,153
American Airlines Group, Inc. (A)	131,599	2,363,518
Delta Air Lines, Inc. (A)	130,066	5,082,979
Southwest Airlines Company (A)	120,255	5,151,724

John Hancock Variable Insurance Trust

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

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Airlines (continued)		
United Airlines Holdings, Inc. (A)	65,776	\$ 2,879,673
		16,804,047
Building products – 0.5%		
A.O. Smith Corp.	27,073	2,324,217
Allegion PLC	18,231	2,414,514
Carrier Global Corp.	176,365	9,566,038
Fortune Brands Home & Security, Inc.	28,025	2,995,873
Johnson Controls International PLC	144,763	11,770,680
Masco Corp.	50,237	3,527,642
Trane Technologies PLC	48,295	9,757,039
		42,356,003
Commercial services and supplies – 0.4%		
Cintas Corp.	17,789	7,883,551
Copart, Inc. (A)	43,277	6,561,659
Republic Services, Inc.	42,708	5,955,631
Rollins, Inc.	46,008	1,573,934
Waste Management, Inc.	78,743	13,142,207
		35,116,982
Construction and engineering – 0.1%		
Quanta Services, Inc.	28,283	3,242,929
Electrical equipment – 0.5%		
AMETEK, Inc.	46,994	6,909,998
Eaton Corp. PLC	81,018	14,001,531
Emerson Electric Company	121,506	11,296,413
Generac Holdings, Inc. (A)	12,830	4,515,134
Rockwell Automation, Inc.	23,583	8,226,930
		44,950,006
Industrial conglomerates – 1.0%		
3M Company	117,611	20,891,242
General Electric Company	223,106	21,076,824
Honeywell International, Inc.	140,327	29,259,583
Roper Technologies, Inc.	21,428	10,539,576
		81,767,225
Machinery – 1.5%		
Caterpillar, Inc.	110,069	22,755,665
Cummins, Inc.	29,189	6,367,288
Deere & Company	57,698	19,784,067
Dover Corp.	29,261	5,313,798
Fortive Corp.	72,845	5,557,345
IDEX Corp.	15,447	3,650,435
Illinois Tool Works, Inc.	58,257	14,377,828
Ingersoll Rand, Inc.	82,354	5,095,242
Otis Worldwide Corp.	86,745	7,552,887
PACCAR, Inc.	70,565	6,228,067
Parker-Hannifin Corp.	26,231	8,344,606
Pentair PLC	33,712	2,461,987
Snap-on, Inc.	10,970	2,362,719
Stanley Black & Decker, Inc.	33,123	6,247,660
Wabtec Corp.	38,422	3,539,050
Xylem, Inc.	36,619	4,391,350
		124,029,994
Professional services – 0.4%		
Equifax, Inc.	24,764	7,250,652
IHS Markit, Ltd.	81,020	10,769,178
Jacobs Engineering Group, Inc.	26,487	3,687,785
Leidos Holdings, Inc.	28,774	2,558,009
Nielsen Holdings PLC	72,928	1,495,753
Robert Half International, Inc.	22,758	2,537,972
Verisk Analytics, Inc.	32,795	7,501,200
		35,800,549
Road and rail – 0.9%		
CSX Corp.	451,557	16,978,543

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Road and rail (continued)		
JB Hunt Transport Services, Inc.	17,105	\$ 3,496,262
Norfolk Southern Corp.	49,351	14,692,286
Old Dominion Freight Line, Inc.	19,067	6,833,231
Union Pacific Corp.	130,873	32,970,835
		74,971,157
Trading companies and distributors – 0.2%		
Fastenal Company	116,818	7,483,361
United Rentals, Inc. (A)	14,714	4,889,315
W.W. Grainger, Inc.	8,891	4,607,672
		16,980,348
		639,368,687
Information technology – 28.4%		
Communications equipment – 0.9%		
Arista Networks, Inc. (A)	45,532	6,545,225
Cisco Systems, Inc.	860,625	54,537,806
F5, Inc. (A)	12,259	2,999,900
Juniper Networks, Inc.	66,088	2,360,002
Motorola Solutions, Inc.	34,416	9,350,827
		75,793,760
Electronic equipment, instruments and components – 0.7%		
Amphenol Corp., Class A	121,584	10,633,737
CDW Corp.	27,947	5,722,987
Corning, Inc.	156,228	5,816,368
IPG Photonics Corp. (A)	7,285	1,254,040
Keysight Technologies, Inc. (A)	37,445	7,732,767
TE Connectivity, Ltd.	66,667	10,756,054
Teledyne Technologies, Inc. (A)	9,473	4,138,659
Trimble, Inc. (A)	51,143	4,459,158
Zebra Technologies Corp., Class A (A)	10,854	6,460,301
		56,974,071
IT services – 4.3%		
Accenture PLC, Class A	128,892	53,432,179
Akamai Technologies, Inc. (A)	33,096	3,873,556
Automatic Data Processing, Inc.	85,993	21,204,154
Broadridge Financial Solutions, Inc.	23,612	4,316,746
Cognizant Technology Solutions Corp., Class A	106,830	9,477,958
DXC Technology Company (A)	51,201	1,648,160
EPAM Systems, Inc. (A)	11,569	7,733,298
Fidelity National Information Services, Inc.	123,268	13,454,702
Fiserv, Inc. (A)	121,137	12,572,809
FleetCor Technologies, Inc. (A)	16,790	3,758,274
Gartner, Inc. (A)	17,002	5,684,109
Global Payments, Inc.	59,706	8,071,057
IBM Corp.	182,182	24,350,446
Jack Henry & Associates, Inc.	15,098	2,521,215
Mastercard, Inc., Class A	177,067	63,623,714
Paychex, Inc.	65,092	8,885,058
PayPal Holdings, Inc. (A)	238,831	45,038,750
VeriSign, Inc. (A)	19,783	5,021,321
Visa, Inc., Class A	341,602	74,028,569
		368,696,075
Semiconductors and semiconductor equipment – 6.2%		
Advanced Micro Devices, Inc. (A)	246,542	35,477,394
Analog Devices, Inc.	109,330	19,216,934
Applied Materials, Inc.	183,795	28,921,981
Broadcom, Inc.	83,777	55,746,054
Enphase Energy, Inc. (A)	27,362	5,005,604
Intel Corp.	829,415	42,714,873
KLA Corp.	31,045	13,352,765
Lam Research Corp.	28,615	20,578,477
Microchip Technology, Inc.	114,171	9,939,727
Micron Technology, Inc.	228,815	21,314,117

John Hancock Variable Insurance Trust

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

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment (continued)		
Monolithic Power Systems, Inc.	8,773	\$ 4,327,984
NVIDIA Corp.	509,181	149,755,224
NXP Semiconductors NV	53,890	12,275,064
Qorvo, Inc. (A)	22,590	3,532,850
QUALCOMM, Inc.	227,985	41,691,617
Skyworks Solutions, Inc.	33,567	5,207,584
SolarEdge Technologies, Inc. (A)	10,695	3,000,696
Teradyne, Inc.	33,532	5,483,488
Texas Instruments, Inc.	187,647	35,365,830
Xilinx, Inc.	50,299	10,664,897
		523,573,160
Software – 9.3%		
Adobe, Inc. (A)	96,831	54,908,987
ANSYS, Inc. (A)	17,735	7,113,863
Autodesk, Inc. (A)	44,719	12,574,536
Cadence Design Systems, Inc. (A)	56,257	10,483,492
Ceridian HCM Holding, Inc. (A)	27,414	2,863,666
Citrix Systems, Inc.	25,251	2,388,492
Fortinet, Inc. (A)	27,552	9,902,189
Intuit, Inc.	57,699	37,113,151
Microsoft Corp.	1,529,179	514,293,481
NortonLifeLock, Inc.	118,147	3,069,459
Oracle Corp.	328,556	28,653,369
Paycom Software, Inc. (A)	9,771	4,056,821
PTC, Inc. (A)	21,473	2,601,454
salesforce.com, Inc. (A)	199,452	50,686,737
ServiceNow, Inc. (A)	40,642	26,381,129
Synopsys, Inc. (A)	31,012	11,427,922
Tyler Technologies, Inc. (A)	8,302	4,466,061
		782,984,809
Technology hardware, storage and peripherals – 7.0%		
Apple, Inc.	3,174,353	563,669,851
Hewlett Packard Enterprise Company	265,437	4,185,941
HP, Inc.	234,477	8,832,749
NetApp, Inc.	45,532	4,188,489
Seagate Technology Holdings PLC	42,561	4,808,542
Western Digital Corp. (A)	62,288	4,061,800
		589,747,372
		2,397,769,247
Materials – 2.5%		
Chemicals – 1.7%		
Air Products & Chemicals, Inc.	44,994	13,689,874
Albemarle Corp.	23,771	5,556,947
Celanese Corp.	22,585	3,795,635
CF Industries Holdings, Inc.	43,720	3,094,502
Corteva, Inc.	149,227	7,055,453
Dow, Inc.	151,582	8,597,731
DuPont de Nemours, Inc.	106,314	8,588,045
Eastman Chemical Company	27,599	3,336,995
Ecolab, Inc.	50,589	11,867,674
FMC Corp.	26,159	2,874,613
International Flavors & Fragrances, Inc.	52,304	7,879,598
Linde PLC	104,240	36,111,863
LyondellBasell Industries NV, Class A	53,714	4,954,042
PPG Industries, Inc.	48,244	8,319,195
The Mosaic Company	76,965	3,023,955
The Sherwin-Williams Company	49,236	17,338,950
		146,085,072
Construction materials – 0.1%		
Martin Marietta Materials, Inc.	12,678	5,584,913

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Construction materials (continued)		
Vulcan Materials Company	26,967	\$ 5,597,810
		11,182,723
Containers and packaging – 0.3%		
Amcor PLC	313,377	3,763,658
Avery Dennison Corp.	16,846	3,648,338
Ball Corp.	66,385	6,390,884
International Paper Company	79,439	3,732,044
Packaging Corp. of America	19,308	2,628,784
Sealed Air Corp.	30,466	2,055,541
Westrock Company	54,270	2,407,417
		24,626,666
Metals and mining – 0.4%		
Freeport-McMoRan, Inc.	298,392	12,451,898
Newmont Corp.	162,427	10,073,723
Nucor Corp.	57,443	6,557,118
		29,082,739
Real estate – 2.7%		
Equity real estate investment trusts – 2.6%		
Alexandria Real Estate Equities, Inc.	29,297	6,532,059
American Tower Corp.	92,510	27,059,175
AvalonBay Communities, Inc.	28,378	7,167,999
Boston Properties, Inc.	28,885	3,326,974
Crown Castle International Corp.	87,846	18,336,974
Digital Realty Trust, Inc.	57,439	10,159,236
Duke Realty Corp.	76,900	5,047,716
Equinix, Inc.	18,540	15,681,874
Equity Residential	69,260	6,268,030
Essex Property Trust, Inc.	13,219	4,656,128
Extra Space Storage, Inc.	27,197	6,166,376
Federal Realty Investment Trust	14,226	1,939,288
Healthpeak Properties, Inc.	109,548	3,953,587
Host Hotels & Resorts, Inc. (A)	145,119	2,523,619
Iron Mountain, Inc.	58,834	3,078,783
Kimco Realty Corp.	124,700	3,073,855
Mid-America Apartment Communities, Inc.	23,582	5,410,654
Prologis, Inc.	150,257	25,297,269
Public Storage	30,986	11,606,116
Realty Income Corp.	115,405	8,261,844
Regency Centers Corp.	31,075	2,341,501
SBA Communications Corp.	22,267	8,662,308
Simon Property Group, Inc.	66,792	10,671,358
UDR, Inc.	60,802	3,647,512
Ventas, Inc.	79,976	4,088,373
Vornado Realty Trust	32,316	1,352,748
Welltower, Inc.	88,867	7,622,123
Weyerhaeuser Company	152,398	6,275,750
		220,209,229
Real estate management and development – 0.1%		
CBRE Group, Inc., Class A (A)	68,240	7,404,722
		227,613,951
Utilities – 2.4%		
Electric utilities – 1.6%		
Alliant Energy Corp.	50,866	3,126,733
American Electric Power Company, Inc.	104,472	9,294,874
Duke Energy Corp.	156,372	16,403,423
Edison International	77,177	5,267,330
Entergy Corp.	40,845	4,601,189
Eversource Energy	46,606	3,197,638
Exelon Corp.	69,847	6,354,680
FirstEnergy Corp.	198,750	11,479,800
NextEra Energy, Inc.	110,610	4,600,270
	401,387	37,473,490

John Hancock Variable Insurance Trust

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

500 Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electric utilities (continued)		
NRG Energy, Inc.	49,752	\$ 2,143,316
Pinnacle West Capital Corp.	22,924	1,618,205
PPL Corp.	156,426	4,702,166
The Southern Company	215,212	14,759,239
Xcel Energy, Inc.	109,440	7,409,088
		132,431,441
Gas utilities – 0.0%		
Atmos Energy Corp.	26,584	2,785,206
Independent power and renewable electricity producers – 0.0%		
The AES Corp.	135,441	3,291,216
Multi-utilities – 0.7%		
Ameren Corp.	52,266	4,652,197
CenterPoint Energy, Inc.	129,183	3,605,498
CMS Energy Corp.	58,874	3,829,754
Consolidated Edison, Inc.	71,827	6,128,280
Dominion Energy, Inc.	164,329	12,909,686
DTE Energy Company	39,381	4,707,605
NiSource, Inc.	79,760	2,202,174
Public Service Enterprise Group, Inc.	102,761	6,857,242
Sempra Energy	64,905	8,585,633
WEC Energy Group, Inc.	64,114	6,223,546
		59,701,615
Water utilities – 0.1%		
American Water Works Company, Inc.	36,890	6,967,045
		205,176,523
TOTAL COMMON STOCKS (Cost \$2,827,877,112)		\$ 8,219,393,170
SHORT-TERM INVESTMENTS – 2.8%		
U.S. Government – 0.1%		
U.S. Treasury Bill		
0.010%, 02/22/2022 *	\$ 8,000,000	7,999,806
0.045%, 02/17/2022 *	2,000,000	1,999,925
		9,999,731

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
S&P 500 Index E-Mini Futures	935	Long	Mar 2022	\$217,971,239	\$222,459,875	\$4,488,636
						\$4,488,636

[^] 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
INVESTMENT COMPANIES - 100.0%		
American Funds Insurance Series - 100.0%		
American Asset Allocation Fund - Class 1	48,939,797	\$ 1,423,169,307
TOTAL INVESTMENT COMPANIES (Cost \$995,830,895)		\$ 1,423,169,307
Total Investments (American Asset Allocation Trust) (Cost \$995,830,895) - 100.0%		\$ 1,423,169,307
Other assets and liabilities, net - (0.0%)		(23,206)
TOTAL NET ASSETS - 100.0%		\$ 1,423,146,101

500 Index Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS (continued)		
U.S. Government Agency – 2.6%		
Federal Home Loan Bank Discount Note		
0.030%, 02/02/2022 *	\$ 65,000,000	\$ 64,998,917
0.030%, 03/01/2022 *	27,000,000	26,997,863
0.035%, 01/12/2022 *	10,000,000	9,999,975
0.045%, 02/16/2022 *	75,000,000	74,998,167
Tennessee Valley Authority Discount Note		
0.030%, 01/05/2022 *	35,150,000	35,149,980
0.031%, 01/12/2022 *	8,000,000	7,999,980
		220,144,882
Short-term funds – 0.0%		
John Hancock Collateral Trust,		
0.1697% (C)(D)	243,230	2,433,032
Repurchase agreement – 0.1%		
Repurchase Agreement with State Street		
Corp. dated 12-31-21 at 0.000% to be		
repurchased at \$9,180,000 on 1-3-22,		
collateralized by \$9,459,000		
U.S. Treasury Notes, 1.250% due		
6-30-28 (valued at \$9,363,672)		
	\$ 9,180,000	9,180,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$241,755,534)		\$ 241,757,645
Total Investments (500 Index Trust)		\$ 8,461,150,815
(Cost \$3,069,632,646) – 100.2%		(20,338,627)
Other assets and liabilities, net – (0.2%)		
TOTAL NET ASSETS – 100.0%		\$ 8,440,812,188

Security Abbreviations and Legend

- (A) Non-income producing security.
 (B) All or a portion of this security is on loan as of 12-31-21.
 (C) The rate shown is the annualized seven-day yield as of 12-31-21.
 (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
INVESTMENT COMPANIES - 100.0%		
American Funds Insurance Series - 100.0%		
American Global Growth Fund - Class 1	5,511,001	\$ 250,530,109
TOTAL INVESTMENT COMPANIES (Cost \$157,748,280)		\$ 250,530,109
Total Investments (American Global Growth Trust) (Cost \$157,748,280) - 100.0%		\$ 250,530,109
Other assets and liabilities, net - (0.0%)		(14,594)
TOTAL NET ASSETS - 100.0%		\$ 250,515,515

John Hancock Variable Insurance Trust

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

American Growth Trust

	Shares or Principal Amount	Value
INVESTMENT COMPANIES - 100.0%		
American Funds Insurance Series - 100.0%		
American Growth Fund - Class 1	8,703,196	\$ 1,110,353,743
TOTAL INVESTMENT COMPANIES (Cost \$675,900,572)		\$ 1,110,353,743
Total Investments (American Growth Trust) (Cost \$675,900,572) - 100.0%		\$ 1,110,353,743
Other assets and liabilities, net - (0.0%)		(23,313)
TOTAL NET ASSETS - 100.0%		\$ 1,110,330,430

American Growth-Income Trust

	Shares or Principal Amount	Value
INVESTMENT COMPANIES - 100.0%		
American Funds Insurance Series - 100.0%		
American Growth-Income Fund - Class 1	16,197,870	\$ 1,090,926,541
TOTAL INVESTMENT COMPANIES (Cost \$752,530,914)		\$ 1,090,926,541
Total Investments (American Growth-Income Trust) (Cost \$752,530,914) - 100.0%		\$ 1,090,926,541
Other assets and liabilities, net - (0.0%)		(23,786)
TOTAL NET ASSETS - 100.0%		\$ 1,090,902,755

American International Trust

	Shares or Principal Amount	Value
INVESTMENT COMPANIES - 100.0%		
American Funds Insurance Series - 100.0%		
American International Fund - Class 1	20,899,308	\$ 474,414,300
TOTAL INVESTMENT COMPANIES (Cost \$398,270,114)		\$ 474,414,300
Total Investments (American International Trust) (Cost \$398,270,114) - 100.0%		\$ 474,414,300
Other assets and liabilities, net - (0.0%)		(18,189)
TOTAL NET ASSETS - 100.0%		\$ 474,396,111

Blue Chip Growth Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 99.7%		
Communication services – 23.3%		
Entertainment – 4.1%		
Netflix, Inc. (A)	73,354	\$ 44,191,384
Roku, Inc. (A)	9,790	2,234,078
Sea, Ltd., ADR (A)	170,228	38,081,706
Spotify Technology SA (A)	31,898	7,465,089
The Walt Disney Company (A)	54,671	8,467,991
		100,440,248
Interactive media and services – 19.0%		
Alphabet, Inc., Class A (A)	11,438	33,136,344
Alphabet, Inc., Class C (A)	74,566	215,763,432
Meta Platforms, Inc., Class A (A)	481,395	161,917,208
Pinterest, Inc., Class A (A)	239,780	8,716,003
Snap, Inc., Class A (A)	640,504	30,122,903
Tencent Holdings, Ltd.	204,500	11,932,800
		461,588,690
Wireless telecommunication services – 0.2%		
T-Mobile US, Inc. (A)	41,049	4,760,863
		566,789,801

Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Consumer discretionary – 19.7%		
Automobiles – 3.6%		
Rivian Automotive, Inc., Class A (A)(B)	100,399	\$ 10,410,369
Tesla, Inc. (A)	73,856	78,049,544
		88,459,913
Hotels, restaurants and leisure – 1.4%		
Booking Holdings, Inc. (A)	4,891	11,734,634
Chipotle Mexican Grill, Inc. (A)	9,959	17,410,822
Starbucks Corp.	49,286	5,764,983
		34,910,439
Internet and direct marketing retail – 10.5%		
Amazon.com, Inc. (A)	71,589	238,702,066
Delivery Hero SE (A)(C)	19,585	2,167,874
DoorDash, Inc., Class A (A)	99,257	14,779,367
		255,649,307
Multiline retail – 0.7%		
Dollar General Corp.	68,430	16,137,847
Specialty retail – 1.9%		
Carvana Company (A)	99,232	23,000,985
Ross Stores, Inc.	154,675	17,676,259
The TJX Companies, Inc.	60,368	4,583,139
		45,260,383
Textiles, apparel and luxury goods – 1.6%		
Lululemon Athletica, Inc. (A)	47,006	18,400,499
NIKE, Inc., Class B	119,071	19,845,564
		38,246,063
		478,663,952
Financials – 2.7%		
Capital markets – 2.2%		
MSCI, Inc.	4,800	2,940,912
S&P Global, Inc.	34,861	16,451,952
The Charles Schwab Corp.	132,455	11,139,466
The Goldman Sachs Group, Inc.	61,180	23,404,409
		53,936,739
Insurance – 0.5%		
Chubb, Ltd.	34,386	6,647,158
Marsh & McLennan Companies, Inc.	24,015	4,174,287
		10,821,445
		64,758,184
Health care – 9.8%		
Health care equipment and supplies – 2.7%		
Align Technology, Inc. (A)	6,262	4,115,261
Intuitive Surgical, Inc. (A)	110,441	39,681,451
Stryker Corp.	63,260	16,916,989
Teleflex, Inc.	16,336	5,366,049
		66,079,750
Health care providers and services – 3.0%		
HCA Healthcare, Inc.	77,659	19,952,150
Humana, Inc.	16,567	7,684,769
UnitedHealth Group, Inc.	92,807	46,602,107
		74,239,026
Health care technology – 0.3%		
Veeva Systems, Inc., Class A (A)	26,163	6,684,123
Life sciences tools and services – 1.8%		
Danaher Corp.	84,424	27,776,340
Thermo Fisher Scientific, Inc.	23,075	15,396,563
		43,172,903
Pharmaceuticals – 2.0%		
AstraZeneca PLC, ADR	91,403	5,324,225
Eli Lilly & Company	96,379	26,621,807

John Hancock Variable Insurance Trust

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

Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Zoetis, Inc.	64,670	\$ 15,781,420
		47,727,452
		237,903,254
Industrials – 1.4%		
Commercial services and supplies – 0.4%		
Cintas Corp.	6,473	2,868,639
Copart, Inc. (A)	43,750	6,633,375
		9,502,014
Industrial conglomerates – 0.7%		
General Electric Company	70,170	6,628,960
Roper Technologies, Inc.	23,062	11,343,275
		17,972,235
Professional services – 0.3%		
CoStar Group, Inc. (A)	2,224	175,763
Equifax, Inc.	11,765	3,444,674
TransUnion	31,400	3,723,412
		7,343,849
		34,818,098
Information technology – 42.4%		
Electronic equipment, instruments and components – 0.2%		
TE Connectivity, Ltd.	27,158	4,381,672
IT services – 8.1%		
Affirm Holdings, Inc. (A)	72,527	7,293,315
Block, Inc. (A)	85,384	13,790,370
Fiserv, Inc. (A)	103,704	10,763,438
Mastercard, Inc., Class A	122,850	44,142,462
MongoDB, Inc. (A)	30,425	16,105,474
PayPal Holdings, Inc. (A)	121,943	22,996,011
Shopify, Inc., Class A (A)	11,582	15,952,931
Snowflake, Inc., Class A (A)	13,684	4,635,455
Toast, Inc., Class A (A)(B)	9,984	346,545
Twilio, Inc., Class A (A)	13,023	3,429,477
Visa, Inc., Class A	258,965	56,120,305
		195,575,783
Semiconductors and semiconductor equipment – 6.9%		
Advanced Micro Devices, Inc. (A)	208,901	30,060,854
ASML Holding NV, NYRS	25,511	20,310,328
Marvell Technology, Inc.	135,434	11,849,121
Monolithic Power Systems, Inc.	15,644	7,717,655
NVIDIA Corp.	269,453	79,248,822
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	61,323	7,377,770
Texas Instruments, Inc.	58,008	10,932,768
		167,497,318
Software – 19.5%		
Atlassian Corp. PLC, Class A (A)	28,537	10,880,873
Bill.com Holdings, Inc. (A)	32,925	8,203,264
Coupa Software, Inc. (A)	23,198	3,666,444
CrowdStrike Holdings, Inc., Class A (A)	11,473	2,349,097
Datadog, Inc., Class A (A)	37,036	6,596,482
DocuSign, Inc. (A)	47,844	7,287,120
Fortinet, Inc. (A)	43,073	15,480,436
HashiCorp, Inc., Class A (A)	18,641	1,697,077
Intuit, Inc.	76,314	49,086,691
Microsoft Corp.	805,106	270,773,250
Paycom Software, Inc. (A)	4,829	2,004,953
salesforce.com, Inc. (A)	19,393	4,928,343
ServiceNow, Inc. (A)	86,268	55,997,421
Synopsys, Inc. (A)	68,459	25,227,142

Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Zoom Video Communications, Inc., Class A (A)	56,718	\$ 10,431,007
		474,609,600
Technology hardware, storage and peripherals – 7.7%		
Apple, Inc.	1,057,103	187,709,780
		1,029,774,153
Materials – 0.3%		
Chemicals – 0.3%		
Linde PLC	19,595	6,788,296
The Sherwin-Williams Company	4,273	1,504,780
		8,293,076
Real estate – 0.1%		
Real estate management and development – 0.1%		
Opendoor Technologies, Inc. (A)	212,700	3,107,547
TOTAL COMMON STOCKS (Cost \$1,406,021,622)		\$ 2,424,108,065
SHORT-TERM INVESTMENTS – 0.6%		
Short-term funds – 0.6%		
John Hancock Collateral Trust, 0.1697% (D)(E)	798,574	7,988,139
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (D)	500,015	500,015
T. Rowe Price Government Reserve Fund, 0.0570% (D)	6,897,060	6,897,060
TOTAL SHORT-TERM INVESTMENTS (Cost \$15,385,214)		\$ 15,385,214
Total Investments (Blue Chip Growth Trust) (Cost \$1,421,406,836) – 100.3%		\$ 2,439,493,279
Other assets and liabilities, net – (0.3%)		(8,422,541)
TOTAL NET ASSETS – 100.0%		\$ 2,431,070,738

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 12-31-21.
(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 12-31-21.
(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
COMMON STOCKS – 99.6%		
Communication services – 15.8%		
Entertainment – 4.9%		
Netflix, Inc. (A)	40,051	\$ 24,128,324
ROBLOX Corp., Class A (A)	66,343	6,843,944
Sea, Ltd., ADR (A)	25,605	5,728,095
Spotify Technology SA (A)	8,550	2,000,957
		38,701,320
Interactive media and services – 10.9%		
Alphabet, Inc., Class A (A)	8,559	24,795,765
Alphabet, Inc., Class C (A)	8,553	24,748,875

John Hancock Variable Insurance Trust

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

Capital Appreciation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Interactive media and services (continued)		
Match Group, Inc. (A)	61,209	\$ 8,094,890
Meta Platforms, Inc., Class A (A)	47,923	16,118,901
Snap, Inc., Class A (A)	204,883	9,635,647
ZoomInfo Technologies, Inc. (A)	52,058	3,342,124
		<u>86,736,202</u>
		125,437,522
Consumer discretionary – 27.8%		
Automobiles – 7.3%		
Tesla, Inc. (A)	54,924	58,042,585
Hotels, restaurants and leisure – 3.1%		
Airbnb, Inc., Class A (A)	56,613	9,425,498
Chipotle Mexican Grill, Inc. (A)	5,169	9,036,704
Marriott International, Inc., Class A (A)	37,771	6,241,280
		<u>24,703,482</u>
Internet and direct marketing retail – 7.2%		
Amazon.com, Inc. (A)	14,451	48,184,546
MercadoLibre, Inc. (A)	6,736	9,082,822
		<u>57,267,368</u>
Multiline retail – 1.2%		
Target Corp.	43,351	10,033,155
Specialty retail – 2.7%		
The Home Depot, Inc.	27,241	11,305,287
The TJX Companies, Inc.	130,652	9,919,100
		<u>21,224,387</u>
Textiles, apparel and luxury goods – 6.3%		
Kering SA	12,032	9,653,894
Lululemon Athletica, Inc. (A)	22,128	8,662,006
LVMH Moët Hennessy Louis Vuitton SE	19,955	16,491,483
NIKE, Inc., Class B	91,893	15,315,806
		<u>50,123,189</u>
		221,394,166
Consumer staples – 3.4%		
Food and staples retailing – 1.5%		
Costco Wholesale Corp.	20,160	11,444,832
Personal products – 1.9%		
The Estée Lauder Companies, Inc., Class A	41,386	15,321,097
		<u>26,765,929</u>
Financials – 2.3%		
Capital markets – 2.3%		
KKR & Company, Inc.	53,070	3,953,715
S&P Global, Inc.	13,440	6,342,739
The Goldman Sachs Group, Inc.	20,039	7,665,919
		<u>17,962,373</u>
Health care – 5.8%		
Biotechnology – 0.5%		
BioNTech SE, ADR (A)(B)	15,800	4,073,240
Health care equipment and supplies – 1.3%		
DexCom, Inc. (A)	10,442	5,606,832
Intuitive Surgical, Inc. (A)	12,058	4,332,439
		<u>9,939,271</u>
Health care providers and services – 1.1%		
UnitedHealth Group, Inc.	17,767	8,921,521
Life sciences tools and services – 1.1%		
Danaher Corp.	27,727	9,122,460
Pharmaceuticals – 1.8%		
Eli Lilly & Company	52,005	14,364,821
		<u>46,421,313</u>

Capital Appreciation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Industrials – 1.8%		
Road and rail – 1.8%		
Uber Technologies, Inc. (A)	344,511	\$ 14,445,346
Information technology – 42.7%		
IT services – 13.9%		
Adyen NV (A)(C)	5,202	13,655,248
Block, Inc. (A)	63,362	10,233,597
Mastercard, Inc., Class A	33,909	12,184,182
Okta, Inc. (A)	17,641	3,954,583
PayPal Holdings, Inc. (A)	43,119	8,131,381
Shopify, Inc., Class A (A)	24,107	33,204,741
Snowflake, Inc., Class A (A)	31,290	10,599,488
Twilio, Inc., Class A (A)	21,635	5,697,361
Visa, Inc., Class A	60,726	13,159,931
		<u>110,820,512</u>
Semiconductors and semiconductor equipment – 6.8%		
NVIDIA Corp.	152,089	44,730,896
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	76,050	9,149,576
		<u>53,880,472</u>
Software – 16.1%		
Adobe, Inc. (A)	40,793	23,132,079
Atlassian Corp. PLC, Class A (A)	37,773	14,402,467
CrowdStrike Holdings, Inc., Class A (A)	48,070	9,842,333
HubSpot, Inc. (A)	6,105	4,024,111
Microsoft Corp.	122,452	41,183,057
salesforce.com, Inc. (A)	88,951	22,605,118
The Trade Desk, Inc., Class A (A)	87,481	8,016,759
Workday, Inc., Class A (A)	18,675	5,101,637
		<u>128,307,561</u>
Technology hardware, storage and peripherals – 5.9%		
Apple, Inc.	264,752	47,012,013
		<u>340,020,558</u>
TOTAL COMMON STOCKS (Cost \$523,253,478)		\$ 792,447,207
SHORT-TERM INVESTMENTS – 0.4%		
Short-term funds – 0.4%		
John Hancock Collateral Trust, 0.1697% (D)(E)	10,465	104,677
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (D)	3,383,413	3,383,413
TOTAL SHORT-TERM INVESTMENTS (Cost \$3,488,108)		\$ 3,488,090
Total Investments (Capital Appreciation Trust) (Cost \$526,741,586) – 100.0%		\$ 795,935,297
Other assets and liabilities, net – (0.0%)		(317,788)
TOTAL NET ASSETS – 100.0%		\$ 795,617,509

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 12-31-21.
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(D)	The rate shown is the annualized seven-day yield as of 12-31-21.
(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.

John Hancock Variable Insurance Trust

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

Capital Appreciation Value Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 72.0%		
Communication services – 6.6%		
Interactive media and services – 6.6%		
Alphabet, Inc., Class A (A)(B)	3,987	\$ 11,550,498
Alphabet, Inc., Class C (A)(B)	5,466	15,816,363
Meta Platforms, Inc., Class A (B)	15,091	5,075,858
		<u>32,442,719</u>
Consumer discretionary – 10.4%		
Hotels, restaurants and leisure – 5.1%		
Hilton Worldwide Holdings, Inc. (A)(B)	20,907	3,261,283
Marriott International, Inc., Class A (A)(B)	15,178	2,508,013
McDonald's Corp. (A)	4,916	1,317,832
Yum! Brands, Inc.	132,659	18,421,029
		<u>25,508,157</u>
Internet and direct marketing retail – 5.3%		
Amazon.com, Inc. (A)(B)	7,802	26,014,521
Specialty retail – 0.0%		
Ross Stores, Inc. (A)	1,800	205,704
		<u>51,728,382</u>
Consumer staples – 1.9%		
Beverages – 1.9%		
Keurig Dr. Pepper, Inc.	206,142	7,598,394
PepsiCo, Inc.	5,300	920,663
The Coca-Cola Company (A)	18,100	1,071,701
		<u>9,590,758</u>
Financials – 9.4%		
Banks – 5.4%		
Bank of America Corp. (A)	172,937	7,693,967
The PNC Financial Services Group, Inc.	94,931	19,035,564
		<u>26,729,531</u>
Capital markets – 1.5%		
CME Group, Inc.	3,800	868,148
Intercontinental Exchange, Inc.	49,266	6,738,111
		<u>7,606,259</u>
Insurance – 2.5%		
Marsh & McLennan Companies, Inc.	70,982	12,338,091
		<u>46,673,881</u>
Health care – 16.4%		
Health care equipment and supplies – 2.5%		
Becton, Dickinson and Company	40,802	10,260,887
Hologic, Inc. (B)	25,192	1,928,700
Medtronic PLC (A)	3,800	393,110
		<u>12,582,697</u>
Health care providers and services – 6.4%		
Humana, Inc.	29,445	13,658,358
UnitedHealth Group, Inc.	35,969	18,061,474
		<u>31,719,832</u>
Life sciences tools and services – 7.5%		
Danaher Corp. (A)	33,997	11,185,353
PerkinElmer, Inc.	42,000	8,444,520
Thermo Fisher Scientific, Inc.	26,069	17,394,280
		<u>37,024,153</u>
		<u>81,326,682</u>
Industrials – 7.3%		
Aerospace and defense – 0.4%		
Lockheed Martin Corp.	2,700	959,607
Northrop Grumman Corp. (A)	2,000	774,140
		<u>1,733,747</u>
Commercial services and supplies – 1.3%		
Aurora Innovation, Inc. (B)(C)	145,000	1,632,700
Waste Connections, Inc.	34,511	4,702,814

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
Waste Management, Inc. (A)	1,300	\$ 216,970
		<u>6,552,484</u>
Industrial conglomerates – 4.9%		
General Electric Company	233,930	22,099,367
Roper Technologies, Inc.	4,090	2,011,707
		<u>24,111,074</u>
Machinery – 0.7%		
Ingersoll Rand, Inc.	58,254	3,604,175
Professional services – 0.0%		
TransUnion	951	112,770
		<u>36,114,250</u>
Information technology – 13.8%		
Communications equipment – 0.4%		
Cisco Systems, Inc.	29,700	1,882,089
Electronic equipment, instruments and components – 1.1%		
TE Connectivity, Ltd.	26,941	4,346,661
Teledyne Technologies, Inc. (B)	2,093	914,411
		<u>5,261,072</u>
IT services – 2.0%		
Fiserv, Inc. (A)(B)	12,777	1,326,125
FleetCor Technologies, Inc. (B)	12,782	2,861,123
Mastercard, Inc., Class A	2,200	790,504
Visa, Inc., Class A (A)	24,200	5,244,382
		<u>10,222,134</u>
Semiconductors and semiconductor equipment – 0.2%		
NXP Semiconductors NV	4,500	1,025,010
Software – 9.1%		
Microsoft Corp. (A)	112,880	37,963,795
salesforce.com, Inc. (B)	28,220	7,171,549
		<u>45,135,344</u>
Technology hardware, storage and peripherals – 1.0%		
Apple, Inc.	26,979	4,790,661
		<u>68,316,310</u>
Utilities – 6.2%		
Electric utilities – 1.8%		
American Electric Power Company, Inc.	27,949	2,486,623
Exelon Corp.	110,838	6,402,003
		<u>8,888,626</u>
Multi-utilities – 4.4%		
Ameren Corp.	99,280	8,836,913
CMS Energy Corp.	79,835	5,193,267
Public Service Enterprise Group, Inc.	119,540	7,976,904
		<u>22,007,084</u>
		<u>30,895,710</u>
TOTAL COMMON STOCKS (Cost \$262,170,798)		\$ 357,088,692
PREFERRED SECURITIES – 0.8%		
Financials – 0.0%		
Capital markets – 0.0%		
The Charles Schwab Corp., 5.950%	1,000	25,480
Utilities – 0.8%		
Electric utilities – 0.2%		
American Electric Power Company, Inc., 6.125%	12,402	621,588
SCE Trust IV (5.375% to 9-15-25, then 3 month LIBOR + 3.132%)	22,431	562,121
		<u>1,183,709</u>
Multi-utilities – 0.6%		
CMS Energy Corp., 5.875%	33,067	884,542

John Hancock Variable Insurance Trust

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

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
Multi-utilities (continued)		
CMS Energy Corp., 5.875% (C)	40,379	\$ 1,086,195
NiSource, Inc., 7.750%	6,487	726,479
NiSource, Inc. (6.500% to 3-15-24, then 5 Year CMT + 3.632%)	10,867	295,800
		2,993,016
		4,176,725
TOTAL PREFERRED SECURITIES (Cost \$3,959,807)		\$ 4,202,205
CORPORATE BONDS - 7.2%		
Communication services - 3.1%		
Alice France Holding SA 10.500%, 05/15/2027 (D)	\$ 450,000	483,750
CCO Holdings LLC 4.000%, 03/01/2023 (D)	416,000	416,017
5.000%, 02/01/2028 (D)	2,595,000	2,698,800
5.125%, 05/01/2027 (D)	2,381,000	2,452,430
Netflix, Inc. 4.375%, 11/15/2026	1,260,000	1,395,450
4.875%, 04/15/2028	1,790,000	2,040,600
4.875%, 06/15/2030 (D)	40,000	46,650
5.500%, 02/15/2022	45,000	45,248
5.875%, 02/15/2025 to 11/15/2028	2,810,000	3,347,152
6.375%, 05/15/2029	1,165,000	1,447,513
Photo Holdings Merger Sub, Inc. 8.500%, 10/01/2026 (D)	411,000	427,530
Sirius XM Radio, Inc. 5.000%, 08/01/2027 (D)	555,000	576,834
		15,377,974
Consumer discretionary - 1.9%		
Cedar Fair LP 5.250%, 07/15/2029	384,000	393,600
5.375%, 04/15/2027	676,000	692,900
5.500%, 05/01/2025 (D)	410,000	424,350
6.500%, 10/01/2028	345,000	367,425
Clarios Global LP 6.250%, 05/15/2026 (D)	222,000	232,268
6.750%, 05/15/2025 (D)	147,000	153,983
8.500%, 05/15/2027 (D)	305,000	323,300
Hilton Domestic Operating Company, Inc. 5.375%, 05/01/2025 (D)	30,000	31,218
IRB Holding Corp. 6.750%, 02/15/2026 (D)	25,000	25,469
KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC 4.750%, 06/01/2027 (D)	1,657,000	1,712,924
Life Time, Inc. 5.750%, 01/15/2026 (D)	365,000	377,775
Marriott International, Inc. 3.125%, 06/15/2026	120,000	124,623
Six Flags Entertainment Corp. 4.875%, 07/31/2024 (D)	1,405,000	1,419,050
5.500%, 04/15/2027 (D)	711,000	735,885
Six Flags Theme Parks, Inc. 7.000%, 07/01/2025 (D)	494,000	527,564
Yum! Brands, Inc. 3.875%, 11/01/2023	440,000	458,150
4.750%, 01/15/2030 (D)	2,000	2,165
5.350%, 11/01/2043	579,000	640,258
6.875%, 11/15/2037	367,000	465,099
7.750%, 04/01/2025 (D)	165,000	173,869
		9,281,875

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials - 0.8%		
Acrisure LLC 7.000%, 11/15/2025 (D)	\$ 775,000	\$ 774,434
Alliant Holdings Intermediate LLC 4.250%, 10/15/2027 (D)	75,000	75,000
5.875%, 11/01/2029 (D)	75,000	76,305
6.750%, 10/15/2027 (D)	125,000	129,688
AmWINS Group, Inc. 4.875%, 06/30/2029 (D)	135,000	136,350
HUB International, Ltd. 5.625%, 12/01/2029 (D)	165,000	169,986
7.000%, 05/01/2026 (D)	1,780,000	1,828,950
State Street Corp. (3 month LIBOR + 3.597%) 3.800%, 03/15/2022 (E)(F)	145,000	145,345
USI, Inc. 6.875%, 05/01/2025 (D)	679,000	684,093
		4,020,151
Health care - 0.3%		
Avantor Funding, Inc. 4.625%, 07/15/2028 (D)	180,000	187,650
Hadrian Merger Sub, Inc. 8.500%, 05/01/2026 (D)	362,000	371,955
Surgery Center Holdings, Inc. 10.000%, 04/15/2027 (D)	410,000	435,625
Teleflex, Inc. 4.625%, 11/15/2027	285,000	296,400
Tenet Healthcare Corp. 4.625%, 09/01/2024 (D)	150,000	153,375
		1,445,005
Industrials - 0.9%		
Delta Air Lines, Inc. 4.500%, 10/20/2025 (D)	700,000	735,708
4.750%, 10/20/2028 (D)	390,000	425,873
General Electric Company (3 month LIBOR + 3.330%) 3.533%, 03/15/2022 (E)(F)	1,340,000	1,326,600
Korn Ferry 4.625%, 12/15/2027 (D)	90,000	92,700
Lennox International, Inc. 3.000%, 11/15/2023	90,000	92,556
Mileage Plus Holdings LLC 6.500%, 06/20/2027 (D)	280,000	298,900
Sensata Technologies BV 4.875%, 10/15/2023 (D)	110,000	115,500
5.000%, 10/01/2025 (D)	325,000	352,625
5.625%, 11/01/2024 (D)	90,000	98,937
United Airlines 2012-1 Class A Pass Through Trust 4.150%, 04/11/2024	145,410	149,709
US Airways 2010-1 Class A Pass Through Trust 6.250%, 04/22/2023	82,143	83,726
US Airways 2012-2 Class A Pass Through Trust 4.625%, 06/03/2025	11,845	11,726
US Airways 2013-1 Class A Pass Through Trust 3.950%, 11/15/2025	127,403	127,962
Welbilt, Inc. 9.500%, 02/15/2024	362,000	365,620
		4,278,142
Information technology - 0.1%		
Clarivate Science Holdings Corp. 3.875%, 07/01/2028 (D)	240,000	241,200

John Hancock Variable Insurance Trust

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

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Clarivate Science Holdings Corp. (continued) 4.875%, 07/01/2029 (D)	\$ 80,000	\$ 81,130
		322,330
Real estate - 0.0%		
SBA Communications Corp. 3.875%, 02/15/2027	195,000	200,850
Utilities - 0.1%		
NiSource, Inc. (5.650% to 6-15-23, then 5 Year CMT + 2.843%) 06/15/2023 (E)	575,000	590,813
TOTAL CORPORATE BONDS (Cost \$33,167,908)		\$ 35,517,140
TERM LOANS (G) – 9.9%		
Communication services – 0.2%		
Delta 2 Lux Sarl, 2018 USD Term Loan (1 month LIBOR + 2.500%) 3.500%, 02/01/2024	895,000	893,505
Eagle Broadband Investments LLC, Term Loan (3 month LIBOR + 3.000%) 3.750%, 11/12/2027	188,552	188,199
		1,081,704
Consumer discretionary – 0.4%		
Cedar Fair LP, 2017 Term Loan B (1 month LIBOR + 1.750%) 1.854%, 04/13/2024	50,000	48,922
Four Seasons Hotels, Ltd., New 1st Lien Term Loan (1 month LIBOR + 2.000%) 2.104%, 11/30/2023	515,504	512,926
IRB Holding Corp., 2020 4th Amendment Incremental Term Loan (3 month LIBOR + 3.250%) 4.250%, 12/15/2027	530,022	529,524
IRB Holding Corp., 2020 Term Loan B (3 month LIBOR + 2.750%) 3.750%, 02/05/2025	323,903	323,129
Life Time, Inc., 2021 Term Loan B (3 month LIBOR + 4.750%) 5.750%, 12/16/2024	151,739	152,403
SeaWorld Parks & Entertainment, Inc., 2021 Term Loan B (1 month LIBOR + 3.000%) 3.500%, 08/25/2028	506,747	504,213
Woof Holdings, Inc., 1st Lien Term Loan (3 month LIBOR + 3.750%) 4.500%, 12/21/2027	198,500	198,500
		2,269,617
Consumer staples – 0.3%		
Sunshine Luxembourg VII Sarl, 2021 Term Loan B3 (3 month LIBOR + 3.750%) 4.500%, 10/01/2026	1,286,717	1,290,745
Financials – 3.8%		
Acrisure LLC, 2021 Incremental Term Loan B (3 month LIBOR + 3.750%) 4.250%, 02/15/2027	249,375	248,647
Alliant Holdings Intermediate LLC, 2018 Term Loan B (1 month LIBOR + 3.250%) 3.354%, 05/09/2025	902,939	893,187
Alliant Holdings Intermediate LLC, 2021 Term Loan B4 (1 month LIBOR + 3.500%) 4.000%, 11/06/2027	1,381,538	1,378,830

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G)(continued)		
Financials (continued)		
Alliant Holdings Intermediate LLC, Term Loan B (1 month LIBOR + 3.250%) 3.354%, 05/09/2025	\$ 405,960	\$ 401,612
Howden Group Holdings, Ltd., 2021 Term Loan B (1 month LIBOR + 3.250%) 4.000%, 11/12/2027	1,446,348	1,438,812
HUB International, Ltd., 2018 Term Loan B (3 month LIBOR + 2.750%) 2.875%, 04/25/2025	7,130,426	7,042,936
HUB International, Ltd., 2021 Term Loan B (3 month LIBOR + 3.250%) 4.000%, 04/25/2025	4,550,646	4,546,369
Ryan Specialty Group LLC, Term Loan (1 month LIBOR + 3.000%) 3.750%, 09/01/2027	266,774	266,374
USI, Inc., 2017 Repriced Term Loan (3 month LIBOR + 3.000%) 3.224%, 05/16/2024	1,961,376	1,944,920
USI, Inc., 2019 Incremental Term Loan B (3 month LIBOR + 3.250%) 3.474%, 12/02/2026	821,798	815,486
		18,977,173
Health care – 1.8%		
ADMI Corp., 2021 Incremental Term Loan B3 (1 month LIBOR + 3.500%) 4.000%, 12/23/2027	1,062,338	1,059,512
ADMI Corp., 2021 Term Loan B2 (1 month LIBOR + 3.375%) 3.875%, 12/23/2027	585,575	581,429
Avantor Funding, Inc., 2021 Term Loan B4 (1 month LIBOR + 2.000%) 2.500%, 11/21/2024	54,539	54,402
Eyecare Partners LLC, 2020 Term Loan (3 month LIBOR + 3.750%) 3.974%, 02/18/2027	74,811	74,320
Eyecare Partners LLC, 2021 Delayed Draw Term Loan 4.250%, 11/15/2028	3,409	3,393
Eyecare Partners LLC, 2021 Incremental Term Loan (3 month LIBOR + 3.750%) 4.250%, 11/15/2028	20,000	19,905
Heartland Dental LLC, 2018 1st Lien Term Loan (1 month LIBOR + 3.500%) 3.604%, 04/30/2025	1,612,820	1,595,354
Heartland Dental LLC, 2021 Incremental Term Loan (1 month LIBOR + 4.000%) 4.104%, 04/30/2025	149,250	148,877
Loire Finco Luxembourg Sarl, Term Loan (1 month LIBOR + 3.250%) 3.354%, 04/21/2027	1,147,634	1,133,288
Mozart Borrower LP, USD Term Loan B (1 month LIBOR + 3.250%) 3.750%, 10/23/2028	2,790,000	2,788,772
Pacific Dental Services, Inc., 2021 Term Loan (1 month LIBOR + 3.250%) 4.000%, 05/05/2028	144,275	144,139
Pathway Vet Alliance LLC, 2021 Term Loan (1 month LIBOR + 3.750%) 3.854%, 03/31/2027	124,685	124,173
PetVet Care Centers LLC, 2018 1st Lien Term Loan (1 month LIBOR + 2.750%) 2.854%, 02/14/2025	83,696	82,650

John Hancock Variable Insurance Trust

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

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G)(continued)		
Health care (continued)		
PetVet Care Centers LLC, 2018 Incremental Term Loan (1 month LIBOR + 3.250%) 3.354%, 02/14/2025	\$ 198,083	\$ 196,722
PetVet Care Centers LLC, 2021 Term Loan B3 (1 month LIBOR + 3.500%) 4.250%, 02/14/2025	764,269	763,314
		8,770,250
Industrials – 1.3%		
Camelot US Acquisition LLC, 2020 Incremental Term Loan B (1 month LIBOR + 3.000%) 4.000%, 10/30/2026	945,450	943,975
CoreLogic, Inc., Term Loan (1 month LIBOR + 3.500%) 4.000%, 06/02/2028	1,057,350	1,055,235
Filtration Group Corp., 2018 1st Lien Term Loan (1 month LIBOR + 3.000%) 3.104%, 03/29/2025	276,816	274,133
Filtration Group Corp., 2018 EUR Term Loan (3 month EURIBOR + 3.500%) 3.500%, 03/29/2025	EUR 515,323	584,131
Filtration Group Corp., 2021 Incremental Term Loan (1 month LIBOR + 3.500%) 4.000%, 10/21/2028	\$ 204,488	204,019
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 6.250%, 06/21/2027	1,765,000	1,858,774
SkyMiles IP, Ltd., 2020 Skymiles Term Loan B (3 month LIBOR + 3.750%) 4.750%, 10/20/2027	865,000	913,656
TK Elevator U.S. Newco, Inc., Term Loan B (6 month LIBOR + 3.500%) 4.000%, 07/30/2027	266,642	266,605
Welbilt, Inc., 2018 Term Loan B (1 month LIBOR + 2.500%) 2.590%, 10/23/2025	200,000	199,084
		6,299,612
Information technology – 2.1%		
Applied Systems, Inc., 2017 1st Lien Term Loan (Prime rate + 2.250% and 3 month LIBOR + 3.500%) 3.502%, 09/19/2024	932,581	931,649
Applied Systems, Inc., 2021 2nd Lien Term Loan (3 month LIBOR + 5.500%) 6.250%, 09/19/2025	164,028	165,053
Ascend Learning LLC, 2021 2nd Lien Term Loan (3 month LIBOR + 5.750%) 6.250%, 12/10/2029	260,000	260,434
Ascend Learning LLC, 2021 Term Loan TBD 12/11/2028 (H)	1,825,000	1,820,821
Azalea TopCo, Inc., 2021 Term Loan B (3 month LIBOR + 3.750%) 4.500%, 07/24/2026	24,875	24,852
Azalea TopCo, Inc., Term Loan (3 month LIBOR + 3.500%) 3.629%, 07/24/2026	973,347	968,178
Celestial Saturn Parent, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 7.000%, 06/04/2029	80,000	80,550
Project Boost Purchaser LLC, 2021 Incremental Term Loan (1 month LIBOR + 3.500%) 4.000%, 05/30/2026	174,125	173,980

Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G)(continued)		
Information technology (continued)		
RealPage, Inc., 1st Lien Term Loan (1 month LIBOR + 3.250%) 3.750%, 04/24/2028	\$ 1,421,438	\$ 1,416,335
RealPage, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 7.250%, 04/23/2029	75,000	75,863
Sophia LP, 2021 Term Loan B (3 month LIBOR + 3.500%) 4.000%, 10/07/2027	299,250	299,026
UKG, Inc., 2021 2nd Lien Term Loan (1 month LIBOR + 5.250%) 5.750%, 05/03/2027	290,000	290,545
UKG, Inc., 2021 Term Loan (3 month LIBOR + 3.250%) 3.750%, 05/04/2026	3,759,787	3,737,454
UKG, Inc., Term Loan B (1 month LIBOR + 3.750%) 3.854%, 05/04/2026	161,288	160,683
		10,405,423
Materials – 0.0%		
HB Fuller Company, 2017 Term Loan B (1 month LIBOR + 2.000%) 2.104%, 10/20/2024	121,655	121,563
TOTAL TERM LOANS (Cost \$49,162,655)		\$ 49,216,087
ASSET BACKED SECURITIES - 0.2%		
Domino's Pizza Master Issuer LLC Series 2017-1A, Class A23 4.118%, 07/25/2047 (D)	500,500	523,755
Domino's Pizza Master Issuer LLC Series 2018-1A, Class A2I 4.116%, 07/25/2048 (D)	475,300	485,807
Domino's Pizza Master Issuer LLC Series 2019-1A, Class A2 3.668%, 10/25/2049 (D)	211,238	222,329
TOTAL ASSET BACKED SECURITIES (Cost \$1,182,413)		\$ 1,231,891
SHORT-TERM INVESTMENTS – 12.8%		
Short-term funds – 11.7%		
John Hancock Collateral Trust, 0.1697% (I)(J)	195,416	1,954,744
T. Rowe Price Government Reserve Fund, 0.0570% (I)	55,850,435	55,850,435
		57,805,179
Repurchase agreement – 1.1%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$5,570,000 on 1-3-22, collateralized by \$5,194,400 U.S. Treasury Notes, 2.875% due 5-15-28 (valued at \$5,681,481)	\$ 5,570,000	5,570,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$63,375,532)		\$ 63,375,179
Total Investments (Capital Appreciation Value Trust) (Cost \$413,019,113) – 102.9%		\$ 510,631,194
Other assets and liabilities, net – (2.9%)		(14,500,972)
TOTAL NET ASSETS – 100.0%		\$ 496,130,222
Currency Abbreviations		
EUR	Euro	
Security Abbreviations and Legend		
CMT	Constant Maturity Treasury	
EURIBOR	Euro Interbank Offered Rate	
LIBOR	London Interbank Offered Rate	

John Hancock Variable Insurance Trust

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

Capital Appreciation Value Trust (continued)

- (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 12-31-21.
- (D) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
- (E) 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) Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
- (H) This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
- (I) The rate shown is the annualized seven-day yield as of 12-31-21.
- (J) 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
Calls								
GSI	Alphabet, Inc., Class A	USD	1,960.00	Sep 2022	1	100	\$ 18,442	\$ (97,790)
GSI	Alphabet, Inc., Class A	USD	1,960.00	Sep 2022	1	100	24,090	(97,790)
GSI	Alphabet, Inc., Class A	USD	1,980.00	Sep 2022	1	100	17,800	(95,949)
GSI	Alphabet, Inc., Class A	USD	2,000.00	Sep 2022	1	100	17,130	(94,116)
GSI	Alphabet, Inc., Class A	USD	2,100.00	Sep 2022	1	100	14,073	(85,086)
SFG	Alphabet, Inc., Class A	USD	2,450.00	Sep 2022	1	100	26,747	(55,903)
GSI	Alphabet, Inc., Class A	USD	3,200.00	Jan 2023	1	100	18,097	(20,665)
GSI	Alphabet, Inc., Class A	USD	3,300.00	Jan 2023	1	100	15,497	(17,404)
GSI	Alphabet, Inc., Class A	USD	3,400.00	Jan 2023	1	100	13,047	(14,592)
GSI	Alphabet, Inc., Class A	USD	3,500.00	Jan 2023	1	100	11,097	(12,189)
GSI	Alphabet, Inc., Class C	USD	1,760.00	Jan 2022	5	500	50,362	(567,417)
GSI	Alphabet, Inc., Class C	USD	1,780.00	Jan 2022	5	500	47,406	(557,418)
GSI	Alphabet, Inc., Class C	USD	1,800.00	Jan 2022	4	400	35,760	(437,935)
GSI	Alphabet, Inc., Class C	USD	1,980.00	Jun 2022	1	100	21,210	(93,508)
GSI	Alphabet, Inc., Class C	USD	2,000.00	Jun 2022	1	100	20,353	(91,604)
GSI	Alphabet, Inc., Class C	USD	2,100.00	Jun 2022	1	100	16,634	(82,179)
SFG	Alphabet, Inc., Class C	USD	2,550.00	Jun 2022	1	100	22,096	(43,277)
CSFB	Amazon.com, Inc.	USD	3,800.00	Jan 2022	1	100	33,115	(212)
CSFB	Amazon.com, Inc.	USD	3,800.00	Jan 2022	1	100	34,542	(212)
CSFB	Amazon.com, Inc.	USD	3,900.00	Jan 2022	1	100	30,277	(117)
CSFB	Amazon.com, Inc.	USD	3,900.00	Jan 2022	1	100	38,338	(117)
RBC	Amazon.com, Inc.	USD	3,900.00	Jan 2022	1	100	23,997	(117)
CITI	Amazon.com, Inc.	USD	4,000.00	Jan 2022	1	100	27,327	(68)
CSFB	Amazon.com, Inc.	USD	4,000.00	Jan 2022	1	100	27,686	(68)
CSFB	Amazon.com, Inc.	USD	4,000.00	Jan 2022	1	100	35,706	(68)
RBC	Amazon.com, Inc.	USD	4,000.00	Jan 2022	1	100	21,797	(68)
CITI	Amazon.com, Inc.	USD	4,100.00	Jan 2022	1	100	25,167	(40)
RBC	Amazon.com, Inc.	USD	4,100.00	Jan 2022	1	100	19,697	(40)
CITI	Amazon.com, Inc.	USD	4,200.00	Jan 2022	1	100	23,127	(24)
RBC	Amazon.com, Inc.	USD	4,200.00	Jan 2022	1	100	17,827	(24)
CITI	Amazon.com, Inc.	USD	4,300.00	Jan 2022	2	200	42,614	(28)
GSI	Amazon.com, Inc.	USD	4,000.00	Jan 2023	1	100	34,022	(18,169)
GSI	Amazon.com, Inc.	USD	4,200.00	Jan 2023	1	100	27,523	(13,927)
GSI	Amazon.com, Inc.	USD	4,400.00	Jan 2023	1	100	22,230	(10,661)
JPM	American Electric Power Company, Inc.	USD	90.00	Jan 2022	63	6,300	22,934	(4,426)
JPM	American Electric Power Company, Inc.	USD	90.00	Jan 2022	11	1,100	3,946	(773)
JPM	American Electric Power Company, Inc.	USD	90.00	Jan 2022	7	700	2,418	(492)
JPM	American Electric Power Company, Inc.	USD	95.00	Jan 2022	63	6,300	13,893	(40)
JPM	American Electric Power Company, Inc.	USD	95.00	Jan 2022	22	2,200	4,975	(14)
JPM	American Electric Power Company, Inc.	USD	95.00	Jan 2022	14	1,400	2,930	(9)
JPM	American Electric Power Company, Inc.	USD	97.50	Jan 2022	30	3,000	2,930	(1)
JPM	American Electric Power Company, Inc.	USD	100.00	Jan 2022	30	3,000	1,813	—
CSFB	Bank of America Corp.	USD	35.00	Jan 2022	259	25,900	40,559	(246,727)
RBC	Bank of America Corp.	USD	37.00	Jan 2022	190	19,000	52,947	(143,297)
CSFB	Bank of America Corp.	USD	40.00	Jan 2022	39	3,900	13,323	(18,026)
CSFB	Bank of America Corp.	USD	45.00	Jan 2022	38	3,800	7,138	(3,128)
CSFB	Bank of America Corp.	USD	45.00	Jan 2023	423	42,300	136,202	(195,262)

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (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
Calls (continued)								
JPM	Bank of America Corp.	USD	45.00	Jan 2023	240	24,000	\$ 99,605	\$ (110,788)
CSFB	Bank of America Corp.	USD	50.00	Jan 2023	104	10,400	26,441	(28,278)
JPM	Bank of America Corp.	USD	50.00	Jan 2023	118	11,800	41,536	(32,085)
JPM	Cisco Systems, Inc.	USD	45.00	Jan 2022	48	4,800	22,416	(88,185)
JPM	Cisco Systems, Inc.	USD	45.00	Jan 2022	25	2,500	11,425	(45,930)
JPM	Cisco Systems, Inc.	USD	45.00	Jan 2022	26	2,600	11,102	(47,767)
JPM	Cisco Systems, Inc.	USD	47.50	Jan 2022	48	4,800	17,136	(76,186)
JPM	Cisco Systems, Inc.	USD	47.50	Jan 2022	25	2,500	8,675	(39,680)
JPM	Cisco Systems, Inc.	USD	47.50	Jan 2022	26	2,600	8,502	(41,268)
JPM	Cisco Systems, Inc.	USD	50.00	Jan 2022	48	4,800	12,816	(64,188)
JPM	Cisco Systems, Inc.	USD	50.00	Jan 2022	25	2,500	6,550	(33,431)
JPM	Cisco Systems, Inc.	USD	50.00	Jan 2022	26	2,600	6,292	(34,768)
JPM	CME Group, Inc.	USD	220.00	Jan 2022	19	1,900	20,869	(18,624)
JPM	CME Group, Inc.	USD	230.00	Jan 2022	19	1,900	16,115	(5,598)
CSFB	Danaher Corp.	USD	270.00	Jan 2022	4	400	6,485	(23,715)
CSFB	Danaher Corp.	USD	280.00	Jan 2022	4	400	5,280	(19,796)
CSFB	Danaher Corp.	USD	280.00	Jan 2022	6	600	7,557	(29,694)
CSFB	Danaher Corp.	USD	290.00	Jan 2022	6	600	5,707	(23,912)
JPM	Danaher Corp.	USD	300.00	Jan 2022	22	2,200	21,785	(66,884)
JPM	Danaher Corp.	USD	300.00	Jan 2022	22	2,200	25,115	(66,884)
CITI	Exelon Corp.	USD	50.00	Jan 2022	30	3,000	2,341	(23,390)
GSI	Fiserv, Inc.	USD	130.00	Jan 2022	13	1,300	6,634	(88)
GSI	Fiserv, Inc.	USD	135.00	Jan 2022	13	1,300	4,869	(117)
JPM	FleetCor Technologies, Inc.	USD	300.00	Jan 2022	5	500	9,985	—
JPM	FleetCor Technologies, Inc.	USD	310.00	Jan 2022	3	300	4,791	—
JPM	General Electric Company	USD	96.00	Jan 2022	20	2,000	24,437	(3,074)
JPM	General Electric Company	USD	96.00	Jan 2022	20	2,000	25,825	(3,074)
JPM	General Electric Company	USD	120.00	Jan 2022	20	2,000	13,309	(4)
JPM	General Electric Company	USD	120.00	Jan 2022	20	2,000	13,361	(4)
SFG	General Electric Company	USD	120.00	Jan 2022	80	8,000	69,324	(17)
CITI	Hilton Worldwide Holdings, Inc.	USD	125.00	Jan 2022	8	800	8,222	(24,964)
CITI	Hilton Worldwide Holdings, Inc.	USD	125.00	Jan 2022	4	400	3,927	(12,482)
CITI	Hilton Worldwide Holdings, Inc.	USD	125.00	Jan 2022	5	500	5,015	(15,603)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2022	8	800	6,917	(21,020)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2022	4	400	3,288	(10,510)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2022	5	500	4,196	(13,137)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2022	12	1,200	17,773	(31,530)
CITI	Hilton Worldwide Holdings, Inc.	USD	135.00	Jan 2022	12	1,200	15,717	(25,685)
GSI	Hilton Worldwide Holdings, Inc.	USD	135.00	Jan 2022	38	3,800	53,311	(81,335)
GSI	Hilton Worldwide Holdings, Inc.	USD	140.00	Jan 2022	38	3,800	45,916	(63,285)
JPM	Intercontinental Exchange, Inc.	USD	125.00	Jan 2022	15	1,500	4,761	(18,027)
JPM	Intercontinental Exchange, Inc.	USD	130.00	Jan 2022	16	1,600	9,747	(11,621)
JPM	Intercontinental Exchange, Inc.	USD	130.00	Jan 2022	16	1,600	3,208	(11,621)
JPM	Intercontinental Exchange, Inc.	USD	135.00	Jan 2022	16	1,600	7,294	(5,005)
JPM	Lockheed Martin Corp.	USD	340.00	Jan 2022	9	900	28,233	(15,029)
JPM	Lockheed Martin Corp.	USD	360.00	Jan 2022	9	900	20,583	(2,570)
JPM	Lockheed Martin Corp.	USD	375.00	Jan 2022	9	900	15,993	(297)
CSFB	Marriott International, Inc., Class A	USD	145.00	Jan 2022	15	1,500	18,440	(30,973)
CSFB	Marriott International, Inc., Class A	USD	145.00	Jan 2022	2	200	2,376	(4,130)
CSFB	Marriott International, Inc., Class A	USD	145.00	Jan 2022	8	800	10,193	(16,519)
CSFB	Marriott International, Inc., Class A	USD	150.00	Jan 2022	15	1,500	16,180	(23,888)
CSFB	Marriott International, Inc., Class A	USD	150.00	Jan 2022	2	200	2,097	(3,185)
CSFB	Marriott International, Inc., Class A	USD	150.00	Jan 2022	8	800	8,956	(12,740)
CSFB	Marriott International, Inc., Class A	USD	155.00	Jan 2022	13	1,300	14,757	(14,894)
CSFB	Marriott International, Inc., Class A	USD	160.00	Jan 2022	13	1,300	12,430	(9,685)
CSFB	Marriott International, Inc., Class A	USD	165.00	Jan 2022	9	900	15,242	(3,766)
CSFB	Marriott International, Inc., Class A	USD	170.00	Jan 2022	9	900	13,778	(1,770)
RBC	McDonald's Corp.	USD	220.00	Jan 2022	7	700	9,709	(33,772)
CITI	McDonald's Corp.	USD	230.00	Jan 2022	8	800	8,456	(30,619)
RBC	McDonald's Corp.	USD	230.00	Jan 2022	6	600	6,132	(22,964)
GSI	McDonald's Corp.	USD	260.00	Jan 2023	6	600	8,262	(15,371)
GSI	McDonald's Corp.	USD	260.00	Jan 2023	8	800	10,364	(20,494)
GSI	McDonald's Corp.	USD	270.00	Jan 2023	6	600	6,102	(12,192)
GSI	McDonald's Corp.	USD	270.00	Jan 2023	8	800	7,912	(16,256)

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (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
Calls (continued)								
CSFB	Medtronic PLC	USD	115.00	Jan 2022	13	1,300	\$ 15,756	\$ (14)
CSFB	Medtronic PLC	USD	125.00	Jan 2022	13	1,300	9,711	—
CSFB	Medtronic PLC	USD	130.00	Jan 2022	12	1,200	6,684	—
JPM	Meta Platforms, Inc., Class A	USD	340.00	Jan 2022	12	1,200	30,925	(8,259)
JPM	Meta Platforms, Inc., Class A	USD	345.00	Jan 2022	12	1,200	28,983	(5,866)
JPM	Meta Platforms, Inc., Class A	USD	380.00	Jan 2022	4	400	7,756	(135)
JPM	Meta Platforms, Inc., Class A	USD	400.00	Jan 2022	50	5,000	107,635	(457)
JPM	Meta Platforms, Inc., Class A	USD	400.00	Jan 2022	35	3,500	43,552	(320)
JPM	Meta Platforms, Inc., Class A	USD	345.00	Sep 2022	6	600	23,363	(20,768)
JPM	Meta Platforms, Inc., Class A	USD	360.00	Sep 2022	6	600	20,104	(17,032)
SFG	Microsoft Corp.	USD	250.00	Jan 2022	21	2,100	27,447	(181,717)
SFG	Microsoft Corp.	USD	255.00	Jan 2022	21	2,100	24,717	(171,268)
SFG	Microsoft Corp.	USD	260.00	Jan 2022	21	2,100	22,197	(160,825)
SFG	Microsoft Corp.	USD	265.00	Jan 2022	16	1,600	23,712	(114,582)
BOA	Microsoft Corp.	USD	270.00	Jan 2022	9	900	12,085	(59,980)
SFG	Microsoft Corp.	USD	270.00	Jan 2022	17	1,700	22,559	(113,296)
BOA	Microsoft Corp.	USD	275.00	Jan 2022	9	900	10,565	(55,509)
SFG	Microsoft Corp.	USD	275.00	Jan 2022	16	1,600	19,472	(98,683)
BOA	Microsoft Corp.	USD	280.00	Jan 2022	9	900	9,182	(51,039)
CITI	Microsoft Corp.	USD	280.00	Jan 2022	65	6,500	133,380	(368,615)
SFG	Microsoft Corp.	USD	300.00	Jan 2023	31	3,100	56,637	(184,951)
SFG	Microsoft Corp.	USD	300.00	Jan 2023	32	3,200	60,224	(190,917)
SFG	Microsoft Corp.	USD	320.00	Jan 2023	11	1,100	19,554	(51,944)
SFG	Microsoft Corp.	USD	320.00	Jan 2023	10	1,000	19,093	(47,222)
CITI	Microsoft Corp.	USD	330.00	Jan 2023	8	800	11,752	(33,322)
CITI	Microsoft Corp.	USD	330.00	Jan 2023	7	700	10,343	(29,157)
CITI	Microsoft Corp.	USD	330.00	Jan 2023	6	600	10,666	(24,991)
SFG	Microsoft Corp.	USD	330.00	Jan 2023	11	1,100	16,639	(45,818)
SFG	Microsoft Corp.	USD	330.00	Jan 2023	10	1,000	16,190	(41,652)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	8	800	9,933	(29,224)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	7	700	8,727	(25,571)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	6	600	9,046	(21,918)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	15	1,500	30,384	(54,796)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	7	700	14,213	(25,571)
SFG	Microsoft Corp.	USD	340.00	Jan 2023	11	1,100	14,179	(40,183)
SFG	Microsoft Corp.	USD	340.00	Jan 2023	10	1,000	13,686	(36,530)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	8	800	8,353	(25,469)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	7	700	7,388	(22,285)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	6	600	7,637	(19,101)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	15	1,500	25,849	(47,754)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	7	700	12,179	(22,285)
JPM	Microsoft Corp.	USD	350.00	Jan 2023	22	2,200	33,594	(70,038)
SFG	Microsoft Corp.	USD	350.00	Jan 2023	11	1,100	11,924	(35,019)
SFG	Microsoft Corp.	USD	350.00	Jan 2023	10	1,000	11,583	(31,836)
JPM	Microsoft Corp.	USD	355.00	Jan 2023	21	2,100	29,127	(62,255)
CITI	Microsoft Corp.	USD	360.00	Jan 2023	15	1,500	21,905	(41,337)
CITI	Microsoft Corp.	USD	360.00	Jan 2023	7	700	10,368	(19,291)
JPM	Microsoft Corp.	USD	360.00	Jan 2023	22	2,200	27,654	(60,628)
CITI	Microsoft Corp.	USD	365.00	Jan 2023	15	1,500	19,959	(38,361)
CSFB	Northrop Grumman Corp.	USD	315.00	Jan 2022	5	500	10,285	(36,180)
CSFB	Northrop Grumman Corp.	USD	315.00	Jan 2022	5	500	10,835	(36,180)
CSFB	Northrop Grumman Corp.	USD	325.00	Jan 2022	5	500	8,785	(31,199)
CSFB	Northrop Grumman Corp.	USD	325.00	Jan 2022	5	500	9,085	(31,199)
JPM	NXP Semiconductors NV	USD	195.00	Jan 2022	8	800	14,105	(26,638)
JPM	NXP Semiconductors NV	USD	195.00	Jan 2022	7	700	13,563	(23,308)
JPM	NXP Semiconductors NV	USD	200.00	Jan 2022	8	800	13,168	(22,791)
JPM	NXP Semiconductors NV	USD	200.00	Jan 2022	7	700	12,245	(19,942)
JPM	NXP Semiconductors NV	USD	210.00	Jan 2022	8	800	11,205	(15,424)
JPM	NXP Semiconductors NV	USD	210.00	Jan 2022	7	700	10,451	(13,496)
SFG	PepsiCo, Inc.	USD	145.00	Jan 2022	13	1,300	11,856	(37,477)
SFG	PepsiCo, Inc.	USD	145.00	Jan 2022	14	1,400	11,998	(40,360)
SFG	PepsiCo, Inc.	USD	155.00	Jan 2022	12	1,200	6,504	(22,639)
SFG	PepsiCo, Inc.	USD	155.00	Jan 2022	14	1,400	7,028	(26,412)
CSFB	Ross Stores, Inc.	USD	130.00	Jan 2022	6	600	6,143	(8)

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (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
Calls (continued)								
BOA	Ross Stores, Inc.	USD	135.00	Jan 2022	3	300	\$ 3,132	—
CSFB	Ross Stores, Inc.	USD	135.00	Jan 2022	6	600	5,599	\$ (1)
BOA	Ross Stores, Inc.	USD	140.00	Jan 2022	3	300	2,596	—
CSFB	The Coca-Cola Company	USD	52.50	Jan 2022	38	3,800	11,420	(25,700)
CSFB	The Coca-Cola Company	USD	52.50	Jan 2022	52	5,200	11,544	(35,168)
CSFB	The Coca-Cola Company	USD	55.00	Jan 2022	39	3,900	8,341	(16,741)
CSFB	The Coca-Cola Company	USD	55.00	Jan 2022	52	5,200	8,164	(22,321)
CITI	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2022	12	1,200	14,316	(30,966)
CITI	The PNC Financial Services Group, Inc.	USD	180.00	Jan 2022	12	1,200	12,237	(25,098)
CITI	The PNC Financial Services Group, Inc.	USD	180.00	Jan 2022	13	1,300	17,112	(27,190)
CITI	The PNC Financial Services Group, Inc.	USD	185.00	Jan 2022	12	1,200	10,459	(19,362)
CITI	The PNC Financial Services Group, Inc.	USD	185.00	Jan 2022	13	1,300	14,782	(20,976)
CITI	The PNC Financial Services Group, Inc.	USD	190.00	Jan 2022	13	1,300	12,714	(15,049)
CITI	The PNC Financial Services Group, Inc.	USD	220.00	Jan 2023	12	1,200	15,986	(13,918)
CITI	The PNC Financial Services Group, Inc.	USD	220.00	Jan 2023	8	800	10,400	(9,279)
CITI	The PNC Financial Services Group, Inc.	USD	220.00	Jan 2023	2	200	2,581	(2,320)
CITI	The PNC Financial Services Group, Inc.	USD	220.00	Jan 2023	7	700	9,078	(8,119)
CITI	The PNC Financial Services Group, Inc.	USD	230.00	Jan 2023	12	1,200	12,656	(10,280)
CITI	The PNC Financial Services Group, Inc.	USD	230.00	Jan 2023	8	800	8,226	(6,853)
CITI	The PNC Financial Services Group, Inc.	USD	230.00	Jan 2023	2	200	2,040	(1,713)
CITI	The PNC Financial Services Group, Inc.	USD	230.00	Jan 2023	7	700	7,146	(5,997)
CITI	Thermo Fisher Scientific, Inc.	USD	560.00	Jan 2022	6	600	11,722	(64,682)
CITI	Thermo Fisher Scientific, Inc.	USD	580.00	Jan 2022	3	300	8,122	(26,434)
CITI	Thermo Fisher Scientific, Inc.	USD	580.00	Jan 2022	5	500	14,180	(44,056)
CITI	Thermo Fisher Scientific, Inc.	USD	580.00	Jan 2022	6	600	8,456	(52,867)
CITI	Thermo Fisher Scientific, Inc.	USD	600.00	Jan 2022	3	300	6,712	(20,635)
CITI	Thermo Fisher Scientific, Inc.	USD	600.00	Jan 2022	5	500	11,735	(34,392)
CITI	UnitedHealth Group, Inc.	USD	400.00	Jan 2022	6	600	14,447	(61,556)
CITI	UnitedHealth Group, Inc.	USD	410.00	Jan 2022	6	600	11,921	(55,602)
CITI	UnitedHealth Group, Inc.	USD	420.00	Jan 2022	6	600	10,918	(49,664)
CITI	UnitedHealth Group, Inc.	USD	460.00	Jan 2022	3	300	4,789	(13,193)
CITI	UnitedHealth Group, Inc.	USD	470.00	Jan 2022	3	300	3,917	(10,449)
JPM	Visa, Inc., Class A	USD	220.00	Jan 2022	19	1,900	26,638	(5,105)
CSFB	Visa, Inc., Class A	USD	225.00	Jan 2022	22	2,200	29,373	(2,613)
GSI	Visa, Inc., Class A	USD	225.00	Jan 2022	7	700	8,344	(831)
GSI	Visa, Inc., Class A	USD	225.00	Jan 2022	6	600	8,082	(713)
GSI	Visa, Inc., Class A	USD	225.00	Jan 2022	14	1,400	18,239	(1,663)
JPM	Visa, Inc., Class A	USD	225.00	Jan 2022	18	1,800	22,176	(2,138)
CSFB	Visa, Inc., Class A	USD	230.00	Jan 2022	22	2,200	25,978	(1,076)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2022	7	700	7,154	(342)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2022	6	600	7,032	(293)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2022	14	1,400	16,317	(685)
JPM	Visa, Inc., Class A	USD	230.00	Jan 2022	19	1,900	20,463	(929)
CSFB	Visa, Inc., Class A	USD	235.00	Jan 2022	22	2,200	22,406	(466)
CSFB	Visa, Inc., Class A	USD	240.00	Jan 2022	12	1,200	15,050	(127)
CSFB	Visa, Inc., Class A	USD	245.00	Jan 2022	12	1,200	13,240	(73)
CSFB	Visa, Inc., Class A	USD	245.00	Jan 2022	17	1,700	17,798	(103)
CITI	Visa, Inc., Class A	USD	250.00	Jan 2022	23	2,300	19,637	(85)
CSFB	Waste Management, Inc.	USD	130.00	Jan 2022	6	600	2,502	(22,198)
CSFB	Waste Management, Inc.	USD	130.00	Jan 2022	7	700	2,639	(25,898)
JPM	Yum! Brands, Inc.	USD	105.00	Jan 2022	7	700	7,854	(23,754)
JPM	Yum! Brands, Inc.	USD	110.00	Jan 2022	7	700	6,209	(20,264)
JPM	Yum! Brands, Inc.	USD	120.00	Jan 2022	22	2,200	9,424	(41,801)
JPM	Yum! Brands, Inc.	USD	120.00	Jan 2022	6	600	2,742	(11,400)
JPM	Yum! Brands, Inc.	USD	120.00	Jan 2022	14	1,400	6,398	(26,600)
JPM	Yum! Brands, Inc.	USD	120.00	Jan 2022	19	1,900	9,063	(36,101)
JPM	Yum! Brands, Inc.	USD	125.00	Jan 2022	25	2,500	8,050	(35,148)
							\$4,108,696	\$(8,867,376)

Derivatives Currency Abbreviations

USD U.S. Dollar

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (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
RBC	Royal Bank of Canada
SFG	Susquehanna Financial Group, LLLP

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

Disciplined Value International Trust

	Shares or Principal Amount	Value
COMMON STOCKS - 97.1%		
Austria - 0.5%		
ANDRITZ AG	30,245	\$ 1,555,591
Bermuda - 1.7%		
Everest Re Group, Ltd.	19,660	5,385,267
Canada - 5.4%		
Canadian Natural Resources, Ltd.	109,412	4,623,164
Cenovus Energy, Inc.	785,923	9,636,480
Kinross Gold Corp.	186,328	1,081,187
Kinross Gold Corp. (New York Stock Exchange)	323,086	1,877,130
		17,217,961
China - 0.8%		
Angang Steel Company, Ltd., H Shares	2,856,000	1,273,493
Topsports International Holdings, Ltd. (A)	1,156,000	1,170,837
		2,444,330
Finland - 1.9%		
Metso Outotec OYJ	250,698	2,662,447
Sampo OYJ, A Shares	69,447	3,475,684
		6,138,131
France - 14.8%		
Airbus SE (B)	37,849	4,842,540
AXA SA	105,076	3,127,401
BNP Paribas SA	73,703	5,095,896
Capgemini SE	12,605	3,089,238
Eiffage SA	23,898	2,463,971
Imerys SA	50,823	2,111,400
Klepierre SA (B)	96,155	2,275,241
Rexel SA (B)	266,307	5,393,368
Sanofi	95,134	9,546,119
TotalEnergies SE	175,480	8,931,959
		46,877,133
Germany - 6.5%		
Allianz SE	11,211	2,644,210
Deutsche Telekom AG	231,882	4,284,594
E.ON SE	178,320	2,478,189
Hannover Rueck SE	19,629	3,721,586
Rheinmetall AG	12,823	1,206,772
Siemens AG	35,746	6,191,301
		20,526,652
Greece - 0.7%		
Hellenic Telecommunications Organization SA	112,054	2,070,099
India - 0.3%		
HDFC Bank, Ltd., ADR	15,772	1,026,284
Ireland - 1.8%		
CRH PLC	62,465	3,306,895
CRH PLC (London Stock Exchange)	764	40,481

Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Ireland (continued)		
Flutter Entertainment PLC (London Stock Exchange) (B)	14,795	\$ 2,366,889
		5,714,265
Italy - 0.7%		
Enel SpA	295,696	2,364,407
Japan - 11.4%		
Asahi Group Holdings, Ltd.	99,500	3,873,415
Fuji Corp. (Aichi)	99,900	2,240,664
Honda Motor Company, Ltd.	151,200	4,301,753
Komatsu, Ltd.	119,300	2,789,950
Mitsubishi Gas Chemical Company, Inc.	101,700	1,723,965
Nihon Unisys, Ltd.	67,900	1,905,516
Sanwa Holdings Corp.	105,800	1,129,730
Sony Group Corp.	39,900	5,038,503
Sumitomo Heavy Industries, Ltd.	121,200	2,941,866
Sumitomo Mitsui Financial Group, Inc.	143,300	4,893,309
Tosoh Corp.	102,800	1,527,250
TS Tech Company, Ltd.	116,700	1,436,504
Yamaha Motor Company, Ltd.	93,000	2,233,778
		36,036,203
Macau - 0.2%		
Wynn Macau, Ltd. (B)	755,600	613,584
Malta - 0.0%		
BGP Holdings PLC (B)(C)	2,126,418	0
Netherlands - 4.8%		
ING Groep NV	292,404	4,065,289
Royal Dutch Shell PLC, A Shares	231,044	5,063,179
Stellantis NV	316,783	6,010,070
		15,138,538
Norway - 1.0%		
DNB Bank ASA	69,433	1,588,192
Norsk Hydro ASA	184,953	1,455,319
		3,043,511
South Korea - 6.3%		
Hana Financial Group, Inc.	110,120	3,890,440
KB Financial Group, Inc.	84,154	3,891,644
POSCO	6,314	1,464,134
Samsung Electronics Company, Ltd.	106,754	7,011,066
SK Square Company, Ltd. (B)	29,086	1,624,656
SK Telecom Company, Ltd.	44,993	2,186,498
		20,068,438
Spain - 0.6%		
Applus Services SA	193,469	1,773,737
Sweden - 4.1%		
Svenska Handelsbanken AB, A Shares	572,445	6,186,957
Volvo AB, B Shares	297,637	6,883,304
		13,070,261

John Hancock Variable Insurance Trust

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

Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Switzerland - 13.2%		
Adecco Group AG	53,606	\$ 2,731,621
Glencore PLC (B)	1,181,138	6,018,213
Novartis AG	92,091	8,092,223
Roche Holding AG	19,610	8,135,429
STMicroelectronics NV	55,108	2,709,929
Swiss Re AG	50,082	4,943,771
UBS Group AG	512,137	9,192,500
		41,823,686
United Kingdom - 17.2%		
BAE Systems PLC	247,782	1,847,755
Coca-Cola Europacific Partners PLC	154,157	8,622,001
GlaxoSmithKline PLC	120,716	2,628,313
IMI PLC	187,936	4,432,268
Liberty Global PLC, Series A (B)	228,495	6,338,451
Melrose Industries PLC	1,200,881	2,611,652
NatWest Group PLC	1,086,239	3,326,398
Nomad Foods, Ltd. (B)	94,925	2,410,146
Persimmon PLC	59,889	2,321,235
Reckitt Benckiser Group PLC	40,117	3,453,408
SSE PLC	240,931	5,386,043
Tesco PLC	1,711,193	6,737,079
Travis Perkins PLC	203,718	4,300,597
		54,415,346
United States - 3.2%		
Applied Materials, Inc.	14,380	2,262,837
Envista Holdings Corp. (B)	111,312	5,015,719
FMC Corp.	26,780	2,942,854
		10,221,410
TOTAL COMMON STOCKS (Cost \$280,071,358)		\$ 307,524,834
PREFERRED SECURITIES - 0.7%		
Germany - 0.7%		
Volkswagen AG	11,801	2,370,621
TOTAL PREFERRED SECURITIES (Cost \$2,570,931)		\$ 2,370,621
SHORT-TERM INVESTMENTS - 1.8%		
Short-term funds - 1.8%		
Fidelity Institutional Money Market Government Portfolio, Institutional Class, 0.0100% (D)	5,573,832	5,573,832
TOTAL SHORT-TERM INVESTMENTS (Cost \$5,573,832)		\$ 5,573,832
Total Investments (Disciplined Value International Trust) (Cost \$288,216,121) - 99.6%		\$ 315,469,287
Other assets and liabilities, net - 0.4%		1,213,490
TOTAL NET ASSETS - 100.0%		\$ 316,682,777

Security Abbreviations and Legend

- ADR American Depository Receipt
- (A) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
- (B) Non-income producing security.
- (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 12-31-21.

Emerging Markets Value Trust

	Shares or Principal Amount	Value
COMMON STOCKS - 97.3%		
Australia - 0.0%		
MMG, Ltd. (A)	108,000	\$ 34,741
Belgium - 0.0%		
Titan Cement International SA (A)	2,489	37,859
Brazil - 2.6%		
Banco Bradesco SA	63,196	183,187
Banco do Brasil SA	54,283	280,556
Banco Santander Brasil SA	17,518	94,227
BrasilAgro - Company Brasileira de Propriedades Agricolas	4,600	23,806
Camil Alimentos SA	10,600	21,610
Cia Brasileira de Distribuicao	10,547	42,014
Cia Siderurgica Nacional SA	10,719	48,009
Cia Siderurgica Nacional SA, ADR	9,153	40,639
Cielo SA	59,300	23,792
Cogna Educacao (A)	186,166	81,653
Construtora Tenda SA	4,000	11,961
Cyrela Brazil Realty SA Empreendimentos e Participacoes	17,823	50,273
Direcional Engenharia SA	8,400	19,112
Embraer SA (A)	32,800	146,499
Enauta Participacoes SA	16,860	40,251
Getnet Adquirencia e Servicos para Meios de Pagamento SA (A)	4,380	3,027
Guararapes Confecoos SA	4,400	7,759
International Meal Company Alimentacao SA (A)	26,670	11,587
Iochpe Maxion SA	11,411	31,322
JBS SA	71,790	489,827
JHSF Participacoes SA	28,427	28,400
M Dias Branco SA	5,032	23,048
Marisa Lojas SA (A)	14,758	10,008
MRV Engenharia e Participacoes SA	15,337	32,999
Petroleo Brasileiro SA	349,947	1,927,192
Positivo Tecnologia SA	9,000	17,571
Sao Carlos Empreendimentos e Participacoes SA	5,205	38,464
TIM SA	55,934	132,491
Trisul SA	13,137	14,011
Tupy SA	9,951	35,535
Ultrapar Participacoes SA	3,860	10,235
Usinas Siderurgicas de Minas Gerais SA	14,738	38,303
Vale SA	184,570	2,571,671
		6,531,039
Canada - 0.0%		
Atlas Corp. (B)	1,512	21,440
Chile - 0.4%		
Camanchaca SA (A)	214,992	9,333
CAP SA	5,458	53,104
Cementos BIO BIO SA	16,447	13,522
Cencosud SA	133,449	223,146
Cristalerias de Chile SA	3,626	13,019
Empresa Nacional de Telecomunicaciones SA	15,564	52,561
Empresas CMPC SA	53,560	89,694
Empresas COPEC SA	21,339	165,029
Empresas Hites SA (A)	46,731	9,778
Enel Americas SA	284,900	31,098
Grupo Security SA	147,513	20,663
Hortifrut SA	9,101	9,087
Inversiones Aguas Metropolitanas SA	42,648	19,380
Itau CorpBanca Chile SA (A)	10,081,598	19,471
Masisa SA (A)	321,066	4,357
PAZ Corp. SA	16,523	5,936
Ripley Corp. SA	137,631	22,226

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Chile (continued)		
Salfacorp SA	54,622	\$ 19,997
Sigdo Koppers SA	50,989	47,548
SMU SA	43,046	4,331
Sociedad Matriz SAAM SA	670,600	43,995
Socovesa SA	113,429	14,623
SONDA SA	17,248	5,037
		896,935
China - 26.2%		
360 Security Technology, Inc., Class A (A)	30,100	60,080
361 Degrees International, Ltd. (A)	119,000	61,119
3SBio, Inc. (A)(C)	146,500	122,088
AAC Technologies Holdings, Inc.	79,500	313,324
Addsino Company, Ltd., Class A	9,800	25,689
Agile Group Holdings, Ltd.	157,000	85,225
Agricultural Bank of China, Ltd., H Shares	1,681,000	578,327
Air China, Ltd., H Shares (A)	152,000	106,157
Alibaba Group Holding, Ltd. (A)	174,600	2,565,849
Allmed Medical Products Company, Ltd., Class A	6,100	15,656
Aluminum Corp. of China, Ltd., H Shares (A)	372,000	204,974
Angang Steel Company, Ltd., H Shares	193,800	86,416
Anhui Conch Cement Company, Ltd., H Shares	137,000	685,242
Anhui Guangxin Agrochemical Company, Ltd., Class A	3,200	19,579
Anhui Truchum Advanced Materials & Technology Company, Ltd., Class A	12,200	25,391
Anhui Zhongding Sealing Parts Company, Ltd., Class A	9,200	31,461
Anton Oilfield Services Group (A)	284,000	15,516
Asia Cement China Holdings Corp.	65,000	41,565
AsiaInfo Technologies, Ltd. (C)	17,200	28,073
Avary Holding Shenzhen Company, Ltd., Class A	4,500	29,987
AviChina Industry & Technology Company, Ltd., H Shares	230,000	159,125
BAIC Motor Corp., Ltd., H Shares (C)	207,000	88,918
Baidu, Inc., ADR (A)	14,801	2,202,241
Baidu, Inc., Class A (A)	15,600	290,954
BAIOO Family Interactive, Ltd. (C)	126,000	9,715
Bank of Beijing Company, Ltd., Class A	90,000	62,707
Bank of Changsha Company, Ltd., Class A	24,300	29,778
Bank of Chengdu Company, Ltd., Class A	28,200	53,114
Bank of China, Ltd., H Shares	5,614,694	2,019,978
Bank of Chongqing Company, Ltd., H Shares	69,500	39,766
Bank of Communications Company, Ltd., H Shares	705,876	426,711
Bank of Guiyang Company, Ltd., Class A	19,600	20,022
Bank of Hangzhou Company, Ltd., Class A	28,200	56,737
Bank of Jiangsu Company, Ltd., Class A	53,800	49,224
Bank of Nanjing Company, Ltd., Class A	54,200	76,179
Bank of Ningbo Company, Ltd., Class A	36,960	221,962
Bank of Shanghai Company, Ltd., Class A	57,000	63,762
Bank of Suzhou Company, Ltd., Class A	19,100	20,294
Bank of Tianjin Company, Ltd., H Shares (A)	74,000	20,395
Baoshan Iron & Steel Company, Ltd., Class A	156,200	176,071
Baoye Group Company, Ltd., H Shares (A)	22,000	11,064
Baozun, Inc., Class A (A)	1,300	5,838
BBMG Corp., H Shares	220,000	34,172

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Beijing Capital Eco-Environment Protection Group Company, Ltd., Class A	50,000	\$ 26,761
Beijing Capital International Airport Company, Ltd., H Shares (A)	236,000	144,627
Beijing Dabeinong Technology Group Company, Ltd., Class A	18,200	29,989
Beijing Enlight Media Company, Ltd., Class A	14,200	28,644
Beijing GeoEnviron Engineering & Technology, Inc., Class A	6,000	16,546
Beijing Jetsen Technology Company, Ltd., Class A (A)	27,000	26,840
Beijing New Building Materials PLC, Class A	12,300	69,220
Beijing North Star Company, Ltd., H Shares	132,000	19,804
Beijing Orient National Communication Science & Technology Company, Ltd., Class A (A)	10,200	17,294
Beijing Originwater Technology Company, Ltd., Class A	11,500	12,984
Beijing Shougang Company, Ltd., Class A	20,200	18,225
Beijing Shunxin Agriculture Company, Ltd., Class A	3,700	22,173
Beijing Sinnet Technology Company, Ltd., Class A	10,500	24,469
Beijing Thunisoft Corp, Ltd., Class A	6,500	12,968
Beijing Urban Construction Design & Development Group Company, Ltd., H Shares (C)	35,000	9,248
Beijing Yanjing Brewery Company, Ltd., Class A	18,000	23,944
Beijing-Shanghai High Speed Railway Company, Ltd., Class A	62,900	47,657
Blue Sail Medical Company, Ltd., Class A	7,100	18,164
Bluefocus Intelligent Communications Group Company, Ltd., Class A	32,100	54,063
BOC International China Company, Ltd., Class A	8,800	18,595
BOE Technology Group Company, Ltd., Class A	248,600	197,009
Bohai Leasing Company, Ltd., Class A (A)	50,900	23,249
Boyaa Interactive International, Ltd. (A)	63,000	4,045
Bright Dairy & Food Company, Ltd., Class A	9,600	21,879
BTG Hotels Group Company, Ltd., Class A (A)	4,500	18,488
BYD Electronic International Company, Ltd.	63,500	232,444
Cabbeen Fashion, Ltd.	40,000	14,432
Caitong Securities Company, Ltd., Class A	25,900	45,235
Cangzhou Mingzhu Plastic Company, Ltd., Class A	15,000	18,423
CECEP Solar Energy Company, Ltd., Class A	13,500	23,754
CECEP Wind-Power Corp., Class A	19,600	20,015
Central China Management Company, Ltd.	113,732	23,087
Central China Real Estate, Ltd.	113,732	13,720
Changjiang Securities Company, Ltd., Class A	20,700	24,507
Changsha Broad Homes Industrial Group Company, Ltd., H Shares (A)(B)(C)	9,000	13,850
Chaowei Power Holdings, Ltd.	88,000	23,019
Cheetah Mobile, Inc., ADR (A)	4,594	6,294

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Chengtun Mining Group Company, Ltd., Class A	12,000	\$ 20,277
Chengzhi Company, Ltd., Class A (A)	5,100	12,656
China Aoyuan Group, Ltd.	75,000	13,573
China BlueChemical, Ltd., H Shares	242,000	67,372
China Cinda Asset Management Company, Ltd., H Shares	1,012,000	184,327
China CITIC Bank Corp., Ltd., H Shares	730,775	316,989
China Coal Energy Company, Ltd., H Shares	178,000	102,908
China Communications Services Corp., Ltd., H Shares	217,200	105,854
China Conch Venture Holdings, Ltd.	109,000	533,145
China Construction Bank Corp., H Shares	7,619,000	5,279,555
China Development Bank Financial Leasing Company, Ltd., H Shares (C)	122,000	18,461
China Dili Group (A)(B)	190,600	48,635
China Dongxiang Group Company, Ltd.	361,000	31,529
China East Education Holdings, Ltd. (A)(C)	45,000	28,191
China Eastern Airlines Corp., Ltd., H Shares (A)	276,000	104,497
China Electronics Optics Valley Union Holding Company, Ltd.	308,000	15,807
China Energy Engineering Corp., Ltd., H Shares (B)	162,000	27,428
China Everbright Bank Company, Ltd., H Shares	286,000	101,273
China Express Airlines Company, Ltd., Class A	8,200	16,231
China Galaxy Securities Company, Ltd., H Shares	301,000	173,006
China Great Wall Securities Company, Ltd., Class A	11,800	23,999
China Hanking Holdings, Ltd.	61,000	10,517
China Harmony Auto Holding, Ltd.	105,500	66,753
China Hongqiao Group, Ltd.	249,000	263,181
China Huarong Asset Management Company, Ltd., H Shares (A)(C)(D)	1,070,000	55,987
China Huiyuan Juice Group, Ltd. (A)(D)	212,500	13,762
China International Capital Corp., Ltd., H Shares (C)	8,400	23,182
China International Marine Containers Group Company, Ltd., H Shares	64,700	116,240
China Jushi Company, Ltd., Class A	18,200	51,995
China Kepei Education Group, Ltd.	68,000	27,979
China Lesso Group Holdings, Ltd.	133,000	191,210
China Life Insurance Company, Ltd., H Shares	379,000	628,258
China Lilang, Ltd.	72,000	40,262
China Literature, Ltd. (A)(C)	2,800	17,619
China Maple Leaf Educational Systems, Ltd. (A)	222,000	15,380
China Medical System Holdings, Ltd.	146,000	244,055
China Meheco Company, Ltd., Class A	8,700	16,120
China Merchants Bank Company, Ltd., H Shares	298,000	2,318,314
China Merchants Energy Shipping Company, Ltd., Class A	24,100	15,548
China Merchants Securities Company, Ltd., H Shares (C)	29,480	45,158
China Merchants Shekou Industrial Zone Holdings Company, Ltd., Class A	19,600	41,077
China Minsheng Banking Corp., Ltd., H Shares (B)	371,400	142,012

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
China Modern Dairy Holdings, Ltd. (B)	171,000	\$ 28,757
China Molybdenum Company, Ltd., H Shares	213,000	112,516
China National Accord Medicines Corp., Ltd., Class A	2,100	12,193
China National Building Material Company, Ltd., H Shares	539,450	662,304
China National Medicines Corp, Ltd., Class A	3,200	15,834
China New Higher Education Group, Ltd. (C)	88,000	37,304
China Oilfield Services, Ltd., H Shares	182,000	159,648
China Oriental Group Company, Ltd.	164,000	49,507
China Pacific Insurance Group Company, Ltd., H Shares	220,200	598,257
China Petroleum & Chemical Corp., ADR	6,198	288,269
China Petroleum & Chemical Corp., H Shares	1,262,000	587,866
China Railway Group, Ltd., H Shares	379,000	200,550
China Railway Signal & Communication Corp., Ltd., H Shares (C)	207,000	75,650
China Reinsurance Group Corp., H Shares	554,000	53,310
China Resources Double Crane Pharmaceutical Company, Ltd., Class A	6,300	13,217
China Resources Medical Holdings Company, Ltd.	103,000	61,262
China Resources Pharmaceutical Group, Ltd. (C)	195,500	89,048
China Resources Sanjiu Medical & Pharmaceutical Company, Ltd., Class A	5,700	30,651
China Sanjiang Fine Chemicals Company, Ltd.	105,000	34,368
China SCE Group Holdings, Ltd.	229,200	55,607
China Shanshui Cement Group, Ltd. (A)	117,000	29,370
China Shenhua Energy Company, Ltd., H Shares	333,000	779,314
China Shineway Pharmaceutical Group, Ltd.	32,000	28,333
China Silver Group, Ltd. (A)	94,000	7,128
China South Publishing & Media Group Company, Ltd., Class A	14,900	22,378
China Southern Airlines Company, Ltd., H Shares (A)	132,000	79,087
China Sunshine Paper Holdings Company, Ltd. (A)	31,500	9,378
China Taifeng Beddings Holdings, Ltd. (A)(D)	204,000	12,715
China Tower Corp., Ltd., H Shares (C)	3,970,000	438,038
China TransInfo Technology Company, Ltd., Class A	9,500	22,279
China Tungsten And Hightech Materials Company, Ltd., Class A (A)	8,600	21,735
China Vanke Company, Ltd., H Shares	182,692	425,408
China XLX Fertiliser, Ltd.	58,000	39,698
China Yongda Automobiles Services Holdings, Ltd.	101,000	135,339
China Yuhua Education Corp., Ltd. (C)	162,000	57,990
China ZhengTong Auto Services Holdings, Ltd. (A)	160,000	17,870
China Zheshang Bank Company, Ltd., H Shares	42,000	17,781
China Zhongwang Holdings, Ltd. (A)(D)	196,800	42,401
Chinese Universe Publishing and Media Group Company, Ltd., Class A	6,200	12,029

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Chongqing Changan Automobile Company, Ltd., Class A	26,300	\$ 62,672
Chongqing Rural Commercial Bank Company, Ltd., H Shares	311,000	110,529
Chow Tai Seng Jewellery Company, Ltd., Class A	3,700	10,330
CIFI Holdings Group Company, Ltd.	358,449	215,626
CITIC Securities Company, Ltd., H Shares	123,500	322,565
CITIC, Ltd.	460,130	455,224
CMGE Technology Group, Ltd. (A)	30,000	11,939
CMST Development Company, Ltd., Class A	21,400	20,962
CNOOC Energy Technology & Services, Ltd., Class A	33,000	15,187
COFCO Biotechnology Company, Ltd., Class A	15,200	25,912
Cogobuy Group (A)(C)	74,000	25,443
Colour Life Services Group Company, Ltd. (A)(B)	6,169	744
Consun Pharmaceutical Group, Ltd.	19,000	10,741
COSCO SHIPPING Development Company, Ltd., H Shares	434,000	79,007
COSCO SHIPPING Energy Transportation Company, Ltd., H Shares	168,000	64,040
COSCO SHIPPING Holdings Company, Ltd., H Shares (A)	30,000	58,169
Cosmo Lady China Holdings Company, Ltd. (A)(C)	29,000	1,821
Country Garden Holdings Company, Ltd.	879,155	780,755
CPMC Holdings, Ltd.	76,000	42,494
CSG Holding Company, Ltd., Class A	13,900	21,671
CSPC Pharmaceutical Group, Ltd.	76,000	82,756
CT Environmental Group, Ltd. (A)(D)	164,000	2,503
CTS International Logistics Corp, Ltd., Class A	8,000	17,189
DaFa Properties Group, Ltd. (B)	27,000	15,924
Dali Foods Group Company, Ltd. (C)	180,500	94,561
Dexin China Holdings Company, Ltd. (A)(B)	66,000	22,601
DHC Software Company, Ltd., Class A	10,800	13,223
Dian Diagnostics Group Company, Ltd., Class A	2,300	12,114
Digital China Information Service Company, Ltd., Class A	7,800	15,592
Dong-E-E-Jiao Company, Ltd., Class A	2,100	16,071
Dongfang Electric Corp., Ltd., H Shares	29,000	48,820
Dongfeng Motor Group Company, Ltd., H Shares	210,000	174,573
Dongxing Securities Company, Ltd., Class A	12,000	21,906
DouYu International Holdings, Ltd., ADR (A)	3,398	8,971
E-Commodities Holdings, Ltd.	348,000	52,197
E-House China Enterprise Holdings, Ltd. (B)	75,000	16,468
Everbright Securities Company, Ltd., H Shares (C)	25,600	19,805
Fang Holdings, Ltd., ADR (A)	10	38
Fangda Carbon New Material Company, Ltd., Class A	13,200	22,425
Fangda Special Steel Technology Company, Ltd., Class A	8,800	10,778
Fantasia Holdings Group Company, Ltd. (A)	172,500	7,191

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
FAW Jiefang Group Company, Ltd., Class A	9,300	\$ 15,012
Fiberhome Telecommunication Technologies Company, Ltd., Class A	5,000	14,109
FinVolution Group, ADR	6,795	33,499
First Capital Securities Company, Ltd., Class A	18,600	21,376
First Tractor Company, Ltd., H Shares	36,000	18,250
Fosun International, Ltd.	195,460	210,962
Founder Securities Company, Ltd., Class A	31,500	38,786
Fu Shou Yuan International Group, Ltd.	103,000	80,946
Fufeng Group, Ltd. (A)	208,200	71,846
Fujian Star-net Communication Company, Ltd., Class A	5,700	21,090
Fujian Sunner Development Company, Ltd., Class A	6,700	25,380
Gansu Shangfeng Cement Company, Ltd., Class A	8,400	26,474
GDS Holdings, Ltd., Class A (A)	21,200	122,816
GEM Company, Ltd., Class A	25,800	41,979
Gemdale Corp., Class A	16,600	33,818
Genertec Universal Medical Group Company, Ltd. (C)	99,000	71,517
GF Securities Company, Ltd., H Shares	69,200	131,965
Giant Network Group Company, Ltd., Class A	8,000	15,026
Grand Baixin Auto Group, Ltd. (A)	219,500	19,168
Grandjoy Holdings Group Company, Ltd., Class A (A)	22,500	13,178
Greatview Aseptic Packaging Company, Ltd.	44,000	16,095
Gree Electric Appliances, Inc. of Zhuhai, Class A	20,300	118,115
Greenland Holdings Corp., Ltd., Class A	35,400	24,113
Greenland Hong Kong Holdings, Ltd.	88,000	16,935
Greentown China Holdings, Ltd.	102,500	165,239
Greentown Service Group Company, Ltd.	98,000	90,491
GRG Banking Equipment Company, Ltd., Class A	6,800	12,718
Guangdong Tapai Group Company, Ltd., Class A	13,200	21,937
Guangdong Xinbao Electrical Appliances Holdings Company, Ltd., Class A	5,400	20,958
Guanghui Energy Company, Ltd., Class A (A)	34,100	35,052
Guangshen Railway Company, Ltd., H Shares (A)	211,600	36,088
Guangxi Liugong Machinery Company, Ltd., Class A	12,000	14,512
Guangxi Wuzhou Zhongheng Group Company, Ltd., Class A	44,700	27,082
Guangzhou Automobile Group Company, Ltd., H Shares	210,000	207,254
Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., H Shares	24,000	69,137
Guangzhou Haige Communications Group, Inc. Company, Class A	9,600	16,442
Guangzhou R&F Properties Company, Ltd., H Shares (B)	201,600	75,018
Guangzhou Yuexiu Financial Holdings Group Company, Ltd., Class A	17,000	23,210
Guizhou Panjiang Refined Coal Company, Ltd., Class A	18,700	21,367
Guizhou Xinbang Pharmaceutical Company, Ltd., Class A (A)	10,700	12,465

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Guorui Properties, Ltd. (A)	84,000	\$ 3,292
Guosen Securities Company, Ltd., Class A	35,700	64,335
Guotai Junan Securities Company, Ltd., H Shares (C)	34,600	53,728
Guoyuan Securities Company, Ltd., Class A	17,400	21,031
Haier Smart Home Company, Ltd., H Shares	191,600	810,339
Haitian International Holdings, Ltd.	70,000	194,457
Haitong Securities Company, Ltd., H Shares	188,000	166,672
Hang Zhou Great Star Industrial Company, Ltd., Class A (A)	4,300	20,568
Hangcha Group Company, Ltd., Class A	5,800	15,611
Hangzhou Binjiang Real Estate Group Company, Ltd., Class A	20,300	14,847
Hangzhou Oxygen Plant Group Company, Ltd., Class A	5,100	24,030
Hangzhou Robam Appliances Company, Ltd., Class A	4,400	24,873
Harbin Bank Company, Ltd., H Shares (A)(C)	74,000	7,498
Harbin Electric Company, Ltd., H Shares (A)	84,000	37,929
HBIS Resources Company, Ltd., Class A	4,700	10,588
HC Group, Inc. (A)	98,000	8,445
Heilongjiang Agriculture Company, Ltd., Class A	9,100	20,798
Hello Group, Inc., ADR	17,548	157,581
Henan Shenhua Coal & Power Company, Ltd., Class A	6,200	8,888
Hengan International Group Company, Ltd.	70,000	360,634
Hengdian Group DMEGC Magnetics Company, Ltd., Class A	10,000	29,639
Hengli Petrochemical Company, Ltd., Class A	35,401	127,690
Hengyi Petrochemical Company, Ltd., Class A	23,800	39,696
Hesteel Company, Ltd., Class A	54,700	21,141
Hiroca Holdings, Ltd.	8,000	16,325
Hisense Home Appliances Group Company, Ltd., H Shares	39,000	46,265
Hongda Xingye Company, Ltd., Class A	28,900	27,492
Honghua Group, Ltd. (A)	367,000	12,972
Honworld Group, Ltd. (A)(C)(D)	56,000	19,843
Hope Education Group Company, Ltd. (C)	352,000	67,821
Hua Hong Semiconductor, Ltd. (A)(C)	25,000	138,072
Huadong Medicine Company, Ltd., Class A	4,620	29,186
Huafa Industrial Company Ltd Zhuhai, Class A	26,900	25,425
Huafon Chemical Company, Ltd., Class A	21,100	34,579
Huaibei Mining Holdings Company, Ltd., Class A	10,300	18,119
Huapont Life Sciences Company, Ltd., Class A	10,700	12,178
Huatai Securities Company, Ltd., H Shares (C)	112,800	187,892
Huaxi Securities Company, Ltd., Class A	7,000	10,823
Huaxia Bank Company, Ltd., Class A	65,400	57,475
Huaxin Cement Company, Ltd., Class A	7,100	21,516
Huayu Automotive Systems Company, Ltd., Class A	14,900	66,169
Hubei Biocause Pharmaceutical Company, Ltd., Class A	20,900	10,860

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Hubei Jumpcan Pharmaceutical Company, Ltd., Class A	7,400	\$ 32,907
Huishang Bank Corp., Ltd., H Shares (A)	63,300	21,197
Humanwell Healthcare Group Company, Ltd., Class A	12,500	44,260
Hunan Valin Steel Company, Ltd., Class A	44,000	35,367
Hytera Communications Corp., Ltd., Class A	14,800	12,821
iDreamSky Technology Holdings, Ltd. (A)(C)	32,000	25,677
Industrial & Commercial Bank of China, Ltd., H Shares	4,921,000	2,775,854
Industrial Bank Company, Ltd., Class A	131,700	393,374
Industrial Securities Company, Ltd., Class A	29,200	45,330
Inke, Ltd. (A)	75,000	16,179
Inner Mongolia BaoTou Steel Union Company, Ltd., Class A (A)	166,200	72,892
Inner Mongolia Dian Tou Energy Corp., Ltd., Class A	8,600	20,081
Inner Mongolia ERDOS Resources Company, Ltd., Class A	4,500	16,622
Inner Mongolia Junzheng Energy & Chemical Industry Group Company, Ltd., Class A	43,700	35,898
Inner Mongolia Xingye Mining Company, Ltd., Class A (A)	13,800	15,676
Inner Mongolia Yitai Coal Company, Ltd., H Shares	25,700	19,847
Inner Mongolia Yuan Xing Energy Company, Ltd., Class A (A)	18,500	21,226
Inspur Electronic Information Industry Company, Ltd., Class A	9,300	52,337
JCET Group Company, Ltd., Class A	10,100	49,164
JD.com, Inc., Class A (A)	13,650	470,275
JH Educational Technology, Inc. (A)	42,000	15,194
Jiangsu Changshu Rural Commercial Bank Company, Ltd., Class A	18,200	18,878
Jiangsu Guotai International Group Company, Ltd., Class A	7,600	16,391
Jiangsu Jiangyin Rural Commercial Bank Company, Ltd., Class A	17,900	10,816
Jiangsu Linyang Energy Company, Ltd., Class A	13,300	25,327
Jiangsu Provincial Agricultural Reclamation and Development Corp.	11,200	20,957
Jiangsu Shagang Company, Ltd., Class A	27,000	24,768
Jiangsu Shuangxing Color Plastic New Materials Company, Ltd., Class A	5,200	22,126
Jiangsu Zhangjiagang Rural Commercial Bank Company, Ltd., Class A	13,900	12,562
Jiangsu Zhongnan Construction Group Company, Ltd., Class A	31,500	20,480
Jiangsu Zhongtian Technology Company, Ltd., Class A	17,400	46,296
Jiangxi Copper Company, Ltd., H Shares	99,000	159,047
Jiangxi Zhengbang Technology Company, Ltd., Class A	14,100	21,402
Jilin Aodong Pharmaceutical Group Company, Ltd., Class A	4,700	13,638
Jinduicheng Molybdenum Company, Ltd., Class A	17,700	19,064
Jingrui Holdings, Ltd. (A)(B)	69,000	15,306
JinkoSolar Holding Company, Ltd., ADR (A)(B)	4,563	209,715

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Jinneng Science&Technology Company, Ltd., Class A	8,700	\$ 22,268
Jizhong Energy Resources Company, Ltd., Class A	18,200	15,781
JNBY Design, Ltd.	11,000	17,524
Joincare Pharmaceutical Group Industry Company, Ltd., Class A	11,400	22,975
Jointown Pharmaceutical Group Company, Ltd., Class A	7,700	17,797
Juneyao Airlines Company, Ltd., Class A	6,700	18,676
Kaisa Prosperity Holdings, Ltd. (A)	4,000	6,146
Kangda International Environmental Company, Ltd. (A)(C)	140,000	14,176
Kasen International Holdings, Ltd. (A)	119,000	11,740
Keshun Waterproof Technologies Company, Ltd., Class A	10,700	27,329
Kingfa Sci & Tech Company, Ltd., Class A	12,500	24,673
Kingsoft Corp., Ltd.	93,600	411,687
Kunlun Tech Company, Ltd., Class A	3,100	11,281
KWG Group Holdings, Ltd.	154,013	100,864
KWG Living Group Holdings, Ltd.	88,506	36,394
LB Group Company, Ltd., Class A	13,400	60,106
Legend Holdings Corp., H Shares (C)	66,200	97,875
Lenovo Group, Ltd.	674,000	774,619
Lens Technology Company, Ltd., Class A	31,900	115,065
Leo Group Company, Ltd., Class A	58,700	22,668
Lepu Medical Technology Beijing Company, Ltd., Class A	12,600	44,791
LexinFintech Holdings, Ltd., ADR (A)	14,967	57,773
Leyard Optoelectronic Company, Ltd., Class A	9,800	15,772
Liaoning Cheng Da Company, Ltd., Class A	7,000	21,452
Liaoning Port Company, Ltd., H Shares	204,000	18,588
Lier Chemical Company, Ltd., Class A	3,900	20,674
Lingyi iTech Guangdong Company, Class A (A)	40,900	47,297
Livzon Pharmaceutical Group, Inc., H Shares	17,400	63,640
Logan Group Company, Ltd.	166,000	126,900
Longfor Group Holdings, Ltd. (C)	197,000	929,200
Lonking Holdings, Ltd.	277,000	77,874
Luxi Chemical Group Company, Ltd., Class A	14,600	35,006
Luye Pharma Group, Ltd. (A)(C)	235,000	107,184
Maanshan Iron & Steel Company, Ltd., H Shares	108,000	39,707
Mayinglong Pharmaceutical Group Company, Ltd., Class A	5,200	23,485
Metallurgical Corp. of China, Ltd., H Shares	185,000	47,264
Ming Yang Smart Energy Group, Ltd., Class A	9,200	37,709
Minth Group, Ltd.	88,000	387,674
MLS Company, Ltd., Class A	9,700	23,049
Modern Land China Company, Ltd. (D)	88,000	4,289
Monalisa Group Company, Ltd., Class A	6,100	27,452
Nanjing Iron & Steel Company, Ltd., Class A	38,000	22,098
Nanjing Securities Company, Ltd., Class A	15,100	23,497
NavInfo Company, Ltd., Class A (A)	11,700	29,218
NetDragon Websoft Holdings, Ltd.	17,000	40,000
New China Life Insurance Company, Ltd., H Shares	86,800	232,243

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
New Hope Liuhe Company, Ltd., Class A (A)	16,500	\$ 39,393
Newland Digital Technology Company, Ltd., Class A	4,600	13,094
Ningbo Joyson Electronic Corp., Class A	8,100	27,929
Ningbo Sanxing Medical Electric Company, Ltd., Class A	4,500	11,524
Ningbo Zhoushan Port Company, Ltd., Class A	17,900	11,144
Ningxia Baofeng Energy Group Company, Ltd., Class A	15,500	42,230
NVC International Holdings, Ltd. (A)	267,000	4,822
Offshore Oil Engineering Company, Ltd., Class A	30,700	22,223
OFILM Group Company, Ltd., Class A (A)	9,000	13,704
Orient Securities Company, Ltd., H Shares (C)	42,000	35,890
Pangang Group Vanadium Titanium & Resources Company, Ltd., Class A (A)	42,500	25,995
PCI Technology Group Company, Ltd., Class A	17,100	22,358
Pengdu Agriculture & Animal Husbandry Company, Ltd., Class A (A)	44,000	26,367
Perfect World Company, Ltd., Class A	9,000	28,690
PetroChina Company, Ltd., H Shares	2,098,000	929,196
PICC Property & Casualty Company, Ltd., H Shares	578,000	472,481
Ping An Bank Company, Ltd., Class A	90,100	232,946
Ping An Insurance Group Company of China, Ltd., H Shares	482,000	3,473,350
Pingdingshan Tianan Coal Mining Company, Ltd., Class A	15,000	19,752
Postal Savings Bank of China Company, Ltd., H Shares (C)	519,000	364,466
Power Construction Corp. of China, Ltd., Class A	61,800	78,391
Powerlong Real Estate Holdings, Ltd.	178,000	93,194
Q Technology Group Company, Ltd.	37,000	47,866
Qingdao Port International Company, Ltd., H Shares (C)	19,000	10,522
Qingdao Rural Commercial Bank Corp., Class A	34,400	20,834
Qingling Motors Company, Ltd., H Shares	128,000	25,953
Qunxing Paper Holdings Company, Ltd. (A)(D)	634,371	0
Red Star Macalline Group Corp., Ltd., H Shares (A)(C)	62,480	29,894
Redco Properties Group, Ltd. (B)(C)	96,000	32,143
Redsun Properties Group, Ltd. (B)	93,000	26,112
Renhe Pharmacy Company, Ltd., Class A	14,800	21,689
Risen Energy Company, Ltd., Class A	2,800	14,279
RiseSun Real Estate Development Company, Ltd., Class A	16,000	10,923
Ronshine China Holdings, Ltd. (A)(B)	61,500	23,657
SAIC Motor Corp., Ltd., Class A	32,700	105,916
Sailun Group Company, Ltd., Class A	14,200	33,004
Sansteel Minguang Company, Ltd., Class A	16,900	18,063
Sany Heavy Equipment International Holdings Company, Ltd.	99,000	95,921
Sany Heavy Industry Company, Ltd., Class A	52,400	187,591
Sealand Securities Company, Ltd., Class A	25,200	16,256
Seazen Group, Ltd. (A)	240,000	162,329
Seazen Holdings Company, Ltd., Class A	14,800	67,724

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Shaanxi Coal Industry Company, Ltd., Class A	59,000	\$ 113,138
Shan Xi Hua Yang Group New Energy Company, Ltd., Class A	18,100	33,712
Shandong Bohui Paper Industrial Company, Ltd., Class A	7,000	11,361
Shandong Buchang Pharmaceuticals Company, Ltd., Class A	3,600	11,918
Shandong Chenming Paper Holdings, Ltd., H Shares (B)	41,000	19,644
Shandong Gold Mining Company, Ltd., H Shares (B)(C)	33,000	56,626
Shandong Himile Mechanical Science & Technology Company, Ltd., Class A	5,200	22,650
Shandong Hualu Hengsheng Chemical Company, Ltd., Class A	14,600	71,666
Shandong Linglong Tyre Company, Ltd., Class A	8,600	49,345
Shandong Longda Meishi Company, Ltd., Class A	6,800	11,156
Shandong Molong Petroleum Machinery Company, Ltd., H Shares (A)	33,600	22,690
Shandong Nanshan Aluminum Company, Ltd., Class A	48,800	36,214
Shandong Sun Paper Industry JSC, Ltd., Class A	13,600	24,533
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	252,000	314,167
Shanghai AJ Group Company, Ltd., Class A	21,300	22,595
Shanghai Bailian Group Company, Ltd., Class A	13,400	28,037
Shanghai Construction Group Company, Ltd., Class A	41,000	23,137
Shanghai Electric Group Company, Ltd., H Shares	158,000	48,235
Shanghai Environment Group Company, Ltd., Class A	11,800	23,324
Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	22,500	99,062
Shanghai International Airport Company, Ltd., Class A (A)	2,900	21,223
Shanghai International Port Group Company, Ltd., Class A	44,200	38,023
Shanghai Jin Jiang Capital Company, Ltd., H Shares	244,000	91,717
Shanghai Jinjiang International Hotels Company, Ltd., Class A	3,300	30,395
Shanghai Lingang Holdings Corp, Ltd., Class A	7,000	16,338
Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., Class A	6,500	11,083
Shanghai Mechanical and Electrical Industry Company, Ltd., Class A	4,400	10,987
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	91,200	173,056
Shanghai Pudong Development Bank Company, Ltd., Class A	121,600	162,760
Shanghai RAAS Blood Products Company, Ltd., Class A	29,400	31,476
Shanghai Sinyang Semiconductor Materials Company, Ltd., Class A	2,800	17,965
Shanghai Yuyuan Tourist Mart Group Company, Ltd., Class A	7,000	11,319

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Shanghai Zhangjiang High-Tech Park Development Company, Ltd., Class A	13,300	\$ 31,445
Shanxi Coking Coal Energy Group Company, Ltd., Class A	22,900	29,763
Shanxi Coking Company, Ltd., Class A	16,400	16,001
Shanxi Lu'an Environmental Energy Development Company, Ltd., Class A	11,400	20,275
Shanxi Taigang Stainless Steel Company, Ltd., Class A	40,100	44,488
Shanying International Holding Company, Ltd., Class A	40,100	20,706
Shengjing Bank Company, Ltd., H Shares (A)(C)	17,500	15,493
Shenguan Holdings Group, Ltd.	90,000	4,905
Shenwan Hongyuan Group Company, Ltd., H Shares (C)	143,200	34,907
Shenzhen Agricultural Products Group Company, Ltd., Class A	22,100	22,161
Shenzhen Airport Company, Ltd., Class A (A)	12,200	14,011
Shenzhen Aisidi Company, Ltd., Class A	13,100	23,424
Shenzhen Desay Battery Technology Company, Class A	2,100	19,243
Shenzhen Everwin Precision Technology Company, Ltd., Class A	6,000	18,691
Shenzhen Huaqiang Industry Company, Ltd., Class A	4,300	11,634
Shenzhen Jinjia Group Company, Ltd., Class A	11,500	27,325
Shenzhen Kaifa Technology Company, Ltd., Class A	8,800	21,874
Shenzhen Kinwong Electronic Company, Ltd., Class A	2,900	15,718
Shenzhen MTC Company, Ltd., Class A (A)	26,800	20,449
Shenzhen Overseas Chinese Town Company, Ltd., Class A	44,000	48,633
Shenzhen Suntak Circuit Technology Company, Ltd., Class A	8,500	22,488
Shenzhen YUTO Packaging Technology Company, Ltd., Class A	2,400	12,696
Shenzhen Zhongjin Lingnan Nonfemet Company, Ltd., Class A	16,500	12,736
Shijiazhuang Yiling Pharmaceutical Company, Ltd., Class A	8,800	27,027
Shui On Land, Ltd.	390,961	52,627
Sichuan Hebang Biotechnology Company, Ltd., Class A (A)	32,700	17,512
Sichuan Kelun Pharmaceutical Company, Ltd., Class A	11,400	33,831
Sichuan Road & Bridge Company, Ltd., Class A	26,700	50,532
Sihuan Pharmaceutical Holdings Group, Ltd. (B)	177,000	33,627
Sinolink Securities Company, Ltd., Class A	14,300	25,439
Sino-Ocean Group Holding, Ltd.	333,973	77,996
Sinopec Engineering Group Company, Ltd., H Shares	129,000	63,669
Sinopec Shanghai Petrochemical Company, Ltd., H Shares	300,000	68,911
Sinopharm Group Company, Ltd., H Shares	156,800	341,268
Sinsoft Technology Group, Ltd.	104,000	10,925
Sinotrans, Ltd., H Shares	242,000	77,612
Sinotruk Hong Kong, Ltd.	92,500	142,419

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Skyfame Realty Holdings, Ltd.	286,000	\$ 31,544
SOHO China, Ltd. (A)	247,000	54,483
SooChow Securities Company, Ltd., Class A	19,110	26,587
Southwest Securities Company, Ltd., Class A	28,700	23,836
Sunac China Holdings, Ltd.	279,000	422,053
Sunac Services Holdings, Ltd. (C)	2,400	2,450
Suning Universal Company, Ltd., Class A (A)	15,000	11,105
Suning.com Company, Ltd., Class A (A)	26,300	17,002
Sunshine 100 China Holdings, Ltd. (A)(C)	77,000	4,146
Suzhou Anjie Technology Company, Ltd., Class A	7,300	19,516
Suzhou Dongshan Precision Manufacturing Company, Ltd., Class A	11,700	49,733
Suzhou Gold Mantis Construction Decoration Company, Ltd., Class A	21,200	20,236
Tangshan Jidong Cement Company, Ltd., Class A	11,000	20,651
TangShan Port Group Company, Ltd., Class A	52,100	22,493
Tangshan Sanyou Chemical Industries Company, Ltd., Class A	14,700	20,101
TBEA Company, Ltd., Class A	22,600	74,955
TCL Technology Group Corp., Class A	98,900	95,792
Ten Pao Group Holdings, Ltd.	80,000	19,301
Tencent Music Entertainment Group, ADR (A)	44,713	306,284
Tenwow International Holdings, Ltd. (A)(D)	121,000	4,423
The People's Insurance Company Group of China, Ltd., H Shares	514,000	155,651
Tian Di Science & Technology Company, Ltd., Class A	33,600	23,094
Tian Ge Interactive Holdings, Ltd. (A)(C)	44,000	4,463
Tiangong International Company, Ltd. (B)	108,000	66,219
Tianjin Capital Environmental Protection Group Company, Ltd., H Shares	24,000	13,208
Tianjin Chase Sun Pharmaceutical Company, Ltd., Class A	36,600	45,028
Tianjin Guangyu Development Company, Ltd., Class A	7,500	28,412
Tianli Education International Holdings, Ltd. (D)	150,000	33,068
Tianneng Power International, Ltd. (B)	78,000	82,543
Tianyun International Holdings, Ltd. (A)	54,000	10,243
Times China Holdings, Ltd.	28,000	13,544
Tingyi Cayman Islands Holding Corp.	172,000	353,734
Tong Ren Tang Technologies Company, Ltd., H Shares	62,000	66,572
Tongcheng Travel Holdings, Ltd. (A)	74,000	137,173
TongFu Microelectronics Company, Ltd., Class A	7,500	22,873
Tongkun Group Company, Ltd., Class A	12,900	42,905
Tongling Nonferrous Metals Group Company, Ltd., Class A	72,500	39,686
Topsec Technologies Group, Inc., Class A	7,000	21,058
Transfar Zhilian Company, Ltd., Class A	16,500	22,508
TravelSky Technology, Ltd., H Shares	52,000	87,405
Trigiant Group, Ltd. (A)	158,000	11,753
Trip.com Group, Ltd. (A)	750	18,395
Trip.com Group, Ltd., ADR (A)	35,226	867,264
Uni-President China Holdings, Ltd.	120,000	116,322
Unisplendour Corp., Ltd., Class A	11,600	41,628

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Universal Scientific Industrial Shanghai Company, Ltd., Class A	10,400	\$ 26,197
Valiant Company, Ltd., Class A	3,500	12,990
Viomi Technology Company, Ltd., ADR (A)	4,620	11,180
Vipshop Holdings, Ltd., ADR (A)	43,158	362,527
Virscend Education Company, Ltd. (B)(C)(D)	59,000	3,133
VNET Group, Inc., ADR (A)	1,915	17,292
Wangfujing Group Company, Ltd., Class A	4,500	19,071
Wangsu Science & Technology Company, Ltd., Class A	23,700	24,877
Want Want China Holdings, Ltd.	269,000	246,885
Wanxiang Qianchao Company, Ltd., Class A	23,700	23,705
Wasu Media Holding Company, Ltd., Class A	8,900	11,816
Weibo Corp., ADR (A)	540	16,729
Weichai Power Company, Ltd., H Shares	193,000	378,514
Weifu High-Technology Group Company, Ltd., Class A	4,400	14,873
Weiqiao Textile Company, H Shares	73,500	24,707
Wens Foodstuffs Group Company, Ltd., Class A	29,500	89,232
West China Cement, Ltd.	298,000	53,133
Western Securities Company, Ltd., Class A	28,800	36,461
Wisdom Education International Holdings Company, Ltd.	122,000	10,816
Wolong Electric Group Company, Ltd., Class A	10,400	29,881
Wuchan Zhongda Group Company, Ltd., Class A	41,000	38,128
Wuxi Taiji Industry Company, Ltd., Class A	16,400	20,785
XCMG Construction Machinery Company, Ltd., Class A	26,000	24,413
Xiabuxiabu Catering Management China Holdings Company, Ltd. (A)(C)	62,500	48,841
Xiamen C & D, Inc., Class A	9,700	13,814
Xiamen International Port Company, Ltd., H Shares	260,000	28,685
Xiamen ITG Group Corp, Ltd., Class A	18,100	20,498
Xiamen Xiangyu Company, Ltd., Class A	17,400	23,185
Xingda International Holdings, Ltd.	147,515	32,363
Xingfa Aluminium Holdings, Ltd.	29,000	27,340
Xinhua Winshare Publishing and Media Company, Ltd., H Shares	51,000	38,674
Xinjiang Goldwind Science & Technology Company, Ltd., H Shares (B)	47,000	91,756
Xinjiang Zhongtai Chemical Company, Ltd., Class A	8,100	12,142
Xinte Energy Company, Ltd., H Shares (B)	14,400	26,727
Xinxing Ductile Iron Pipes Company, Ltd., Class A	33,500	22,776
Xinyangfeng Agricultural Technology Company, Ltd., Class A	5,900	15,635
Xinyu Iron & Steel Company, Ltd., Class A	24,700	20,518
Xuji Electric Company, Ltd., Class A	5,200	21,309
Yangtze Optical Fibre and Cable Joint Stock Company, Ltd., H Shares (C)	15,500	25,752
Yanguang Energy Group Company, Ltd., H Shares (B)	178,000	353,776
Yantai Jereh Oilfield Services Group Company, Ltd., Class A	2,300	14,486

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
YiChang HEC ChangJiang Pharmaceutical Company, Ltd., H Shares (A)(B)(C)	33,400	\$ 26,098
Yifan Pharmaceutical Company, Ltd., Class A	5,200	14,371
Yintai Gold Company, Ltd., Class A	9,100	12,557
Yiren Digital, Ltd., ADR (A)(B)	7,156	20,466
Yixintang Pharmaceutical Group Company, Ltd., Class A	2,200	13,290
Yonghui Superstores Company, Ltd., Class A	33,100	21,029
Youngor Group Company, Ltd., Class A	10,400	11,248
YTO Express Group Company, Ltd., Class A	14,800	38,749
Yum China Holdings, Inc.	15,341	764,595
Yunda Holding Company, Ltd., Class A	10,700	34,366
Yunnan Aluminium Company, Ltd., Class A (A)	16,200	28,549
Yunnan Baiyao Group Company, Ltd., Class A	4,400	72,296
Yunnan Copper Company, Ltd., Class A	10,000	21,030
Yunnan Tin Company, Ltd., Class A (A)	5,500	16,956
Yutong Bus Company, Ltd., Class A	11,900	20,586
Yuzhou Group Holdings Company, Ltd.	341,376	28,040
Zepp Health Corp., ADR (A)	2,968	14,988
Zhaojin Mining Industry Company, Ltd., H Shares	122,500	104,860
Zhejiang Century Huatong Group Company, Ltd., Class A (A)	30,600	40,347
Zhejiang China Commodities City Group Company, Ltd., Class A	28,122	21,398
Zhejiang Chint Electrics Company, Ltd., Class A	11,000	92,986
Zhejiang Dahua Technology Company, Ltd., Class A	14,900	54,917
Zhejiang Glass Company, Ltd., H Shares (A)(D)	162,000	0
Zhejiang Hailiang Company, Ltd., Class A	6,500	12,685
Zhejiang Hisoar Pharmaceutical Company, Ltd., Class A	12,100	15,654
Zhejiang Huace Film & Television Company, Ltd., Class A	11,400	12,106
Zhejiang Jiahua Energy Chemical Industry Company, Ltd., Class A	8,500	15,428
Zhejiang JIULI Hi-tech Metals Company, Ltd., Class A	6,300	17,686
Zhejiang Juhua Company, Ltd., Class A	8,900	18,066
Zhejiang Longsheng Group Company, Ltd., Class A	17,400	34,513
Zhejiang NHU Company, Ltd., Class A	12,000	58,597
Zhejiang Semir Garment Company, Ltd., Class A	15,300	18,560
Zhejiang Wanliyang Company, Ltd., Class A	6,300	14,580
Zhejiang Xianju Pharmaceutical Company, Ltd., Class A	10,900	22,576
Zhejiang Xinan Chemical Industrial Group Company, Ltd., Class A	4,900	19,253
Zhengzhou Coal Mining Machinery Group Company, Ltd., H Shares (B)	25,400	26,739
Zhenro Properties Group, Ltd. (B)	131,000	62,308
Zheshang Securities Company, Ltd., Class A	10,800	22,350
Zhong An Group, Ltd. (A)	409,000	16,787
Zhongji Innolight Company, Ltd., Class A	4,900	32,707
Zhongjin Gold Corp, Ltd., Class A	31,200	40,356

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Zhongsan Broad Ocean Motor Company, Ltd., Class A	20,000	\$ 27,576
Zhou Hei Ya International Holdings Company, Ltd. (A)(C)	58,000	43,767
Zhuzhou CRRC Times Electric Company, Ltd.	35,300	204,609
Zhuzhou Kibing Group Company, Ltd., Class A	18,700	50,295
Zibo Qixiang Tengda Chemical Company, Ltd., Class A	11,900	19,625
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	135,200	85,166
ZTE Corp., H Shares	62,400	170,977
ZTO Express Cayman, Inc., ADR	7,597	214,387
		65,623,501
Colombia - 0.1%		
Cementos Argos SA	24,726	37,152
Grupo Argos SA	36,406	121,209
Grupo de Inversiones Suramericana SA	23,322	172,043
		330,404
Czech Republic - 0.1%		
CEZ AS	3,671	138,943
Komerční banka AS	2,458	105,094
		244,037
Greece - 0.2%		
Alpha Services and Holdings SA (A)	98,073	120,189
Bank of Greece	667	12,827
Eurobank Ergasias Services and Holdings SA (A)	158,083	160,155
Fourlis Holdings SA (A)	3,756	16,483
Hellenic Petroleum Holdings SA	4,654	32,977
JUMBO SA	3,509	50,348
Motor Oil Hellas Corinth Refineries SA	3,190	49,964
Mytilineos SA	2,731	47,049
National Bank of Greece SA (A)	28,623	95,495
Piraeus Financial Holdings SA (A)	2,005	2,940
		588,427
Hong Kong - 4.9%		
AAG Energy Holdings, Ltd. (C)	68,000	12,303
Ajisen China Holdings, Ltd.	147,000	23,774
Anxin-China Holdings, Ltd. (A)(D)	1,648,000	0
APT Satellite Holdings, Ltd.	28,000	8,190
Asian Citrus Holdings, Ltd. (A)	249,000	4,977
Ausnutria Dairy Corp., Ltd. (A)	70,000	84,806
Beijing Energy International Holding Company, Ltd. (A)	814,000	30,807
Beijing Enterprises Clean Energy Group, Ltd. (A)	600,000	7,475
Beijing Enterprises Holdings, Ltd.	63,500	219,084
Beijing Enterprises Water Group, Ltd.	532,000	206,707
Brilliance China Automotive Holdings, Ltd. (A)	216,000	103,896
C C Land Holdings, Ltd.	125,126	27,899
C&D International Investment Group, Ltd.	15,260	32,195
CA Cultural Technology Group, Ltd. (A)(B)	35,000	2,021
CECEP COSTIN New Materials Group, Ltd. (A)(D)	348,000	0
CGN New Energy Holdings Company, Ltd. (B)	150,000	156,941
China Aerospace International Holdings, Ltd.	190,000	13,163
China Aircraft Leasing Group Holdings, Ltd. (B)	23,000	16,883

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
China Boton Group Company, Ltd. (A)(B)	20,000	\$ 10,652
China Education Group Holdings, Ltd. (B)	36,000	58,500
China Everbright Greentech, Ltd. (B)(C)	114,000	42,849
China Everbright, Ltd.	76,000	90,845
China Fiber Optic Network System Group, Ltd. (A)(D)	150,800	5,415
China Foods, Ltd.	74,000	29,013
China Gas Holdings, Ltd.	254,000	528,342
China High Precision Automation Group, Ltd. (A)(D)	18,000	2,147
China High Speed Transmission Equipment Group Company, Ltd. (A)	45,000	32,472
China Jinmao Holdings Group, Ltd.	500,000	154,639
China Longevity Group Company, Ltd. (A)(D)	93,000	4,902
China Lumena New Materials Corp. (A)(D)	50,900	0
China Merchants Land, Ltd. (A)	260,000	24,696
China Merchants Port Holdings Company, Ltd.	72,622	132,540
China New Town Development Company, Ltd. (A)	300,165	3,161
China Oil & Gas Group, Ltd. (A)	600,000	36,184
China Overseas Grand Oceans Group, Ltd.	191,500	97,290
China Overseas Land & Investment, Ltd.	380,000	900,144
China Resources Cement Holdings, Ltd.	282,000	213,286
China Resources Gas Group, Ltd.	86,000	485,949
China Resources Land, Ltd.	344,000	1,449,478
China South City Holdings, Ltd.	498,000	46,644
China Taiping Insurance Holdings Company, Ltd.	178,600	245,249
China Traditional Chinese Medicine Holdings Company, Ltd.	336,000	222,632
China Travel International Investment Hong Kong, Ltd. (A)	314,000	62,070
China Vast Industrial Urban Development Company, Ltd. (C)	36,000	7,064
Chu Kong Shipping Enterprises Group Company, Ltd.	26,000	3,199
CIMC Enric Holdings, Ltd.	86,000	125,211
CITIC Resources Holdings, Ltd. (A)	488,000	30,070
Concord New Energy Group, Ltd.	690,000	72,589
COSCO SHIPPING International Hong Kong Company, Ltd.	59,625	18,202
COSCO SHIPPING Ports, Ltd.	162,371	141,121
CP Pokphand Company, Ltd. (D)	870,000	127,489
Dawnrays Pharmaceutical Holdings, Ltd.	117,000	25,091
Digital China Holdings, Ltd.	73,000	46,381
ESR Cayman, Ltd. (A)(C)	13,000	43,974
Far East Horizon, Ltd.	183,000	162,497
GCL-Poly Energy Holdings, Ltd. (A)(B)	1,373,000	497,955
Geely Automobile Holdings, Ltd.	490,000	1,338,590
Gemdale Properties & Investment Corp., Ltd.	778,000	82,817
Glorious Property Holdings, Ltd. (A)	88,000	2,729
Glory Sun Financial Group, Ltd. (A)(B)	612,000	15,694
Glory Sun Land Group, Ltd. (A)	61,506	823
Goldlion Holdings, Ltd.	36,000	7,467
Goldpac Group, Ltd.	46,000	9,854
Grand Pharmaceutical Group, Ltd. (B)	86,000	71,278
Health & Happiness H&H International Holdings, Ltd.	24,500	37,987
Hi Sun Technology China, Ltd. (A)	240,000	31,797
Hopson Development Holdings, Ltd.	91,460	190,554

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
Hua Han Health Industry Holdings, Ltd. (A)(D)	880,000	\$ 23,925
IMAX China Holding, Inc. (C)	7,000	10,383
Jiayuan International Group, Ltd.	111,625	37,657
Joy City Property, Ltd.	328,000	16,821
Ju Teng International Holdings, Ltd.	130,000	21,475
Kingboard Holdings, Ltd.	77,130	375,782
Kingboard Laminates Holdings, Ltd.	103,500	176,035
Kunlun Energy Company, Ltd.	438,000	410,988
Lee & Man Paper Manufacturing, Ltd.	129,000	89,704
Lee's Pharmaceutical Holdings, Ltd.	54,000	23,086
Lifestyle China Group, Ltd. (A)	42,000	6,575
LVGEM China Real Estate Investment Company, Ltd. (A)	60,000	10,546
Min Xin Holdings, Ltd.	24,000	12,253
Mingyuan Medicare Development Company, Ltd. (A)(D)	1,300,000	0
Minmetals Land, Ltd.	118,000	12,569
New World Department Store China, Ltd. (A)	34,000	5,456
Nine Dragons Paper Holdings, Ltd.	185,000	198,676
Overseas Chinese Town Asia Holdings, Ltd. (A)	52,000	8,488
PAX Global Technology, Ltd.	84,000	59,465
Poly Property Group Company, Ltd.	266,453	70,063
Pou Sheng International Holdings, Ltd. (A)	223,000	32,636
Prinx Chengshan Holdings, Ltd.	18,000	16,782
Shanghai Industrial Holdings, Ltd.	37,000	53,922
Shanghai Industrial Urban Development Group, Ltd.	359,400	35,010
Shanghai Zendai Property, Ltd. (A)	765,000	3,141
Shenzhen International Holdings, Ltd.	135,199	140,449
Shenzhen Investment, Ltd.	373,271	80,438
Shimao Group Holdings, Ltd.	150,000	98,202
Shoucheng Holdings, Ltd.	128,000	25,452
Shougang Fushan Resources Group, Ltd.	272,565	92,352
Silver Grant International Holdings Group, Ltd. (A)	160,000	10,259
Sinofert Holdings, Ltd. (A)	300,000	45,062
Sinopec Kantons Holdings, Ltd.	124,000	48,719
Skyworth Group, Ltd. (A)	175,190	122,611
SSY Group, Ltd.	182,000	93,932
Sun Art Retail Group, Ltd.	22,500	9,032
Symphony Holdings, Ltd.	20,000	2,513
TCL Electronics Holdings, Ltd. (A)	114,600	59,598
Texhong Textile Group, Ltd.	10,000	13,209
The Wharf Holdings, Ltd.	99,000	304,100
Tian An China Investment Company, Ltd.	54,000	29,921
Tianjin Port Development Holdings, Ltd.	478,000	38,021
Tomson Group, Ltd.	45,714	12,252
Tongda Group Holdings, Ltd. (A)	885,000	28,378
Truly International Holdings, Ltd.	88,000	36,032
United Energy Group, Ltd.	542,000	45,215
Vinda International Holdings, Ltd. (B)	39,000	95,005
Wasion Holdings, Ltd.	90,000	39,612
Yuexiu Property Company, Ltd.	165,908	146,326
		12,248,781
Hungary - 0.2%		
MOL Hungarian Oil & Gas PLC	53,879	418,165
OTP Bank NYRT (A)	1,899	96,833
		514,998
India - 13.1%		
ACC, Ltd.	5,847	174,519
Adani Enterprises, Ltd.	5,450	124,719
Adani Green Energy, Ltd. (A)	3,790	67,633

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
Adani Total Gas, Ltd.	1,936	\$ 44,995
Adani Transmission, Ltd. (A)	9,644	226,871
Aditya Birla Capital, Ltd. (A)	55,560	92,002
Allcargo Logistics, Ltd.	10,467	54,500
Amara Raja Batteries, Ltd.	3,251	27,785
Ambuja Cements, Ltd.	55,925	283,379
Andhra Sugars, Ltd.	6,880	12,578
Apollo Tyres, Ltd.	28,578	83,874
Arvind Fashions, Ltd. (A)	4,879	17,691
Arvind, Ltd. (A)	12,009	19,429
Aster DM Healthcare, Ltd. (A)(C)	8,448	19,815
Aurobindo Pharma, Ltd.	33,905	333,161
Axis Bank, Ltd. (A)	128,852	1,173,156
Axis Bank, Ltd., GDR (A)	310	14,295
Bajaj Holdings & Investment, Ltd.	3,104	229,651
Balmer Lawrie & Company, Ltd.	11,041	18,211
Balrampur Chini Mills, Ltd.	17,968	88,802
Bandhan Bank, Ltd. (C)	32,073	108,388
Bank of Baroda (A)	88,922	97,632
Bank of India (A)	19,819	13,678
BEML, Ltd.	1,822	40,183
Bharat Dynamics, Ltd.	1,195	6,221
Bharat Electronics, Ltd.	59,808	168,103
Bharat Heavy Electricals, Ltd. (A)	72,839	57,640
Bharti Airtel, Ltd., Partly Paid Up Shares (A)	557	2,630
Birla Corp., Ltd.	2,709	51,916
Birlasoft, Ltd.	13,384	97,983
Bombay Burmah Trading Company	681	10,143
Brigade Enterprises, Ltd.	9,013	59,252
BSE, Ltd.	724	18,594
Can Fin Homes, Ltd.	2,623	19,486
Canara Bank (A)	21,738	58,123
Ceat, Ltd.	2,623	42,601
Century Textiles & Industries, Ltd.	2,062	25,353
CESC Ventures, Ltd. (A)	849	8,199
Chambal Fertilizers & Chemicals, Ltd.	19,376	102,288
Chennai Super Kings Cricket, Ltd. (A)(D)	207,315	6,275
Cholamandalam Financial Holdings, Ltd.	6,154	53,509
Cipla, Ltd.	35,701	452,821
City Union Bank, Ltd.	14,539	26,333
Cochin Shipyard, Ltd. (C)	2,163	10,348
Container Corp. of India, Ltd.	14,589	120,178
Cosmo Films, Ltd.	1,053	19,781
CreditAccess Grameen, Ltd. (A)	1,190	9,541
CSB Bank, Ltd. (A)	2,395	7,558
Cyient, Ltd.	5,147	71,091
Dalmia Bharat, Ltd.	3,913	96,967
DB Corp., Ltd.	6,129	7,693
DCB Bank, Ltd. (A)	23,624	25,020
DCM Shriram, Ltd.	4,769	61,179
Deepak Fertilisers & Petrochemicals Corp., Ltd.	2,609	13,025
Delta Corp., Ltd.	4,521	15,688
Dhampur Sugar Mills, Ltd.	2,503	10,279
Dilip Buildcon, Ltd. (C)	1,316	7,784
Dish TV India, Ltd. (A)	48,852	12,339
Dishman Carbogen Amcis, Ltd. (A)	5,361	14,452
DLF, Ltd.	42,524	222,860
Edelweiss Financial Services, Ltd.	46,814	44,959
EID Parry India, Ltd.	12,265	74,076
Exide Industries, Ltd.	26,285	59,310
Federal Bank, Ltd.	191,615	213,229
Finolex Cables, Ltd.	3,327	23,583
Finolex Industries, Ltd.	25,360	70,283

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
Firstsource Solutions, Ltd.	16,189	\$ 39,711
Fortis Healthcare, Ltd. (A)	23,713	94,673
GAIL India, Ltd.	193,496	335,302
General Insurance Corp. of India (A)(C)	8,025	15,203
GHCL, Ltd.	6,390	32,523
Glenmark Pharmaceuticals, Ltd.	13,855	98,210
Godfrey Phillips India, Ltd.	603	9,129
Godrej Industries, Ltd. (A)	2,755	23,091
Granules India, Ltd.	18,738	84,432
Grasim Industries, Ltd.	23,906	521,449
Gujarat Alkalies & Chemicals, Ltd.	3,130	27,430
Gujarat Ambuja Exports, Ltd.	15,820	36,004
Gujarat Fluorochemicals, Ltd. (A)	4,397	143,827
Gujarat Narmada Valley Fertilizers & Chemicals, Ltd.	10,255	60,443
Gujarat Pipavav Port, Ltd.	15,449	20,633
Gujarat State Fertilizers & Chemicals, Ltd.	6,962	11,332
Gujarat State Petronet, Ltd.	26,721	105,508
Hero MotoCorp, Ltd.	1,166	38,526
HFCL, Ltd.	95,724	100,819
Hindalco Industries, Ltd.	148,861	945,023
Hinduja Global Solutions, Ltd.	209	9,293
Hindustan Aeronautics, Ltd.	1,878	30,490
Housing Development Finance Corp., Ltd.	9,167	317,237
ICICI Bank, Ltd.	196,478	1,954,896
ICICI Bank, Ltd., ADR	8,648	171,144
IDFC First Bank, Ltd. (A)	126,067	81,826
IDFC, Ltd. (A)	67,378	57,191
IIFL Finance, Ltd.	15,622	58,327
IIFL Securities, Ltd.	28,932	35,584
Indiabulls Housing Finance, Ltd.	33,338	97,391
Indiabulls Real Estate, Ltd. (A)	28,092	59,147
Indian Bank	13,953	26,091
Indian Overseas Bank (A)	71,034	19,345
Indus Towers, Ltd.	32,463	108,068
IndusInd Bank, Ltd.	12,252	145,755
Infibeam Avenues, Ltd.	17,674	9,542
IOL Chemicals and Pharmaceuticals, Ltd.	1,292	8,347
Jagran Prakashan, Ltd. (A)	12,700	10,560
Jindal Poly Films, Ltd.	1,066	14,888
Jindal Saw, Ltd.	29,627	39,357
Jindal Stainless Hisar, Ltd. (A)	2,829	13,224
Jindal Stainless, Ltd. (A)	11,232	29,876
Jindal Steel & Power, Ltd. (A)	52,794	266,584
JK Paper, Ltd.	7,330	20,185
JK Tyre & Industries, Ltd.	8,887	16,590
JM Financial, Ltd.	33,116	33,035
JSW Energy, Ltd.	40,045	162,326
JSW Steel, Ltd.	84,341	740,398
Jubilant Ingrevia, Ltd.	11,603	89,759
Jubilant Pharmova, Ltd.	11,603	91,279
Just Dial, Ltd. (A)	344	3,735
Jyothy Labs, Ltd.	5,194	9,653
Kalpataru Power Transmission, Ltd.	9,196	45,876
Kalyani Steels, Ltd.	2,643	11,254
Kaveri Seed Company, Ltd.	1,661	12,688
KEC International, Ltd.	3,954	25,425
Kiri Industries, Ltd. (A)	2,637	17,119
Kirloskar Oil Engines, Ltd.	3,612	8,928
KPIT Technologies, Ltd.	13,384	109,663
KPR Mill, Ltd.	18,150	163,499
KRBL, Ltd.	2,618	8,520
L&T Finance Holdings, Ltd. (A)	74,021	76,914
Larsen & Toubro, Ltd.	51,797	1,316,263
Laurus Labs, Ltd. (C)	4,802	34,788

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
LG Balakrishnan & Bros, Ltd.	1,757	\$ 15,238
LIC Housing Finance, Ltd.	39,247	194,539
Linde India, Ltd.	1,282	42,763
LT Foods, Ltd.	11,217	11,283
Lupin, Ltd.	23,401	298,347
Maharashtra Scooters, Ltd.	192	9,865
Maharashtra Seamless, Ltd.	4,212	28,768
Mahindra & Mahindra Financial Services, Ltd.	59,708	119,378
Mahindra & Mahindra, Ltd.	70,868	794,917
Mahindra CIE Automotive, Ltd. (A)	17,673	55,665
Mahindra Lifespace Developers, Ltd. (A)	10,389	33,804
Maithan Alloys, Ltd.	902	12,257
Manappuram Finance, Ltd.	27,778	61,386
Max Healthcare Institute, Ltd. (A)	21,489	129,792
MOIL, Ltd.	14,559	33,022
Mphasis, Ltd.	7,042	321,280
MRF, Ltd.	111	108,622
National Aluminium Company, Ltd.	84,797	114,415
Nava Bharat Ventures, Ltd.	8,719	12,870
Navneet Education, Ltd.	6,921	8,254
NCC, Ltd.	25,675	24,142
NIIT, Ltd.	6,437	38,951
Nilkamal, Ltd.	695	22,773
NMDC, Ltd.	47,542	85,034
Oberoi Realty, Ltd. (A)	6,103	70,396
Omaxe, Ltd. (A)	5,567	5,647
Orient Cement, Ltd.	11,282	24,048
Persistent Systems, Ltd.	6,112	401,217
Petronet LNG, Ltd.	52,168	151,593
Phillips Carbon Black, Ltd.	7,735	25,041
Piramal Enterprises, Ltd.	7,847	277,650
PNB Housing Finance, Ltd. (A)(C)	3,409	22,600
PNC Infratech, Ltd.	5,394	19,028
Polyplex Corp., Ltd.	2,563	64,460
Power Finance Corp., Ltd.	90,707	145,574
Prestige Estates Projects, Ltd.	20,468	130,079
PTC India, Ltd.	31,315	45,932
Punjab National Bank (A)	97,317	48,725
Quess Corp., Ltd. (C)	1,882	21,497
Rain Industries, Ltd.	22,684	72,776
Rajesh Exports, Ltd.	8,931	88,592
Ramco Industries, Ltd.	4,270	14,388
Ramkrishna Forgings, Ltd.	1,073	13,577
Rashtriya Chemicals & Fertilizers, Ltd.	10,276	10,485
Raymond, Ltd. (A)	1,181	9,853
RBL Bank, Ltd. (A)(C)	21,550	36,863
REC, Ltd.	89,160	160,007
Redington India, Ltd.	81,148	157,552
Reliance Industries, Ltd., GDR (C)	87,194	5,578,280
Reliance Power, Ltd. (A)	121,528	22,208
Sharda Cropchem, Ltd.	2,311	10,924
Shipping Corp. of India, Ltd.	14,077	25,418
Shriram City Union Finance, Ltd.	2,480	59,063
Shriram Transport Finance Company, Ltd.	13,889	225,887
Sobha, Ltd.	4,273	51,227
State Bank of India	109,237	673,663
State Bank of India, GDR	1,997	123,014
Steel Authority of India, Ltd.	106,244	152,632
Strides Pharma Science, Ltd.	2,675	15,996
Sun Pharmaceutical Industries, Ltd.	54,244	615,813
Sun TV Network, Ltd.	7,964	53,407
Sundaram-Clayton, Ltd.	227	11,545
TAKE Solutions, Ltd. (A)	7,707	5,026
Tata Chemicals, Ltd.	13,942	166,988

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
Tata Coffee, Ltd.	3,872	\$ 11,098
Tata Consumer Products, Ltd.	31,789	317,198
Tata Motors, Ltd. (A)	206,227	1,330,492
Tata Steel, Ltd.	58,310	867,800
Tech Mahindra, Ltd.	8,219	197,368
Techno Electric & Engineering Company, Ltd.	7,028	22,698
The Great Eastern Shipping Company, Ltd.	12,279	49,176
The India Cements, Ltd.	20,619	53,194
The Jammu & Kashmir Bank, Ltd. (A)	20,576	10,012
The Karnataka Bank, Ltd.	33,585	27,710
The Karur Vysya Bank, Ltd.	24,026	14,715
The South Indian Bank, Ltd. (A)	134,442	16,024
Thirumalai Chemicals, Ltd.	3,185	10,068
Transport Corp. of India, Ltd.	3,182	31,890
Trident, Ltd.	171,050	122,225
Triveni Engineering & Industries, Ltd.	5,573	16,597
TV18 Broadcast, Ltd. (A)	95,709	57,648
UCO Bank (A)	19,949	3,486
Uflex, Ltd.	5,261	36,040
Unichem Laboratories, Ltd.	4,453	14,876
UPL, Ltd.	42,377	425,303
Usha Martin, Ltd. (A)	9,317	11,291
VA Tech Wabag, Ltd. (A)	3,621	15,033
Vardhman Textiles, Ltd.	3,223	101,675
Vedanta, Ltd.	14,777	67,494
Vodafone Idea, Ltd. (A)	275,824	56,536
Welspun Corp., Ltd.	14,025	33,488
Welspun Enterprises, Ltd.	9,451	12,015
Welspun India, Ltd.	12,315	24,022
Wipro, Ltd.	105,250	1,008,473
Wockhardt, Ltd. (A)	4,216	23,321
Yes Bank, Ltd. (A)	49,153	9,007
Yes Bank, Ltd., Lock-In Shares (D)(E)	147,461	23,084
Zee Entertainment Enterprises, Ltd.	43,394	186,284
Zee Media Corp., Ltd. (A)	54,429	9,786
Zydus Wellness, Ltd.	386	9,774
		32,763,905
Indonesia - 1.6%		
Adaro Energy Tbk PT	1,772,000	281,016
Adhi Karya Persero Tbk PT (A)	235,600	14,784
AKR Corporindo Tbk PT	152,300	43,901
Alam Sutera Realty Tbk PT (A)	1,741,800	19,796
Aneka Tambang Tbk	67,900	10,746
Astra Agro Lestari Tbk PT	49,555	33,019
Astra International Tbk PT	1,140,800	456,608
Bakrie Telecom Tbk PT (A)(D)	17,557,300	30,797
Bank Mandiri Persero Tbk PT	960,140	474,097
Bank Negara Indonesia Persero Tbk PT	548,981	259,508
Bank Pan Indonesia Tbk PT (A)	695,197	37,556
Bank Pembangunan Daerah Jawa Barat Dan Banten Tbk PT	284,100	26,583
Bank Pembangunan Daerah Jawa Timur Tbk PT	625,600	32,933
Bank Tabungan Negara Persero Tbk PT (A)	376,361	45,615
Bekasi Fajar Industrial Estate Tbk PT (A)	817,800	6,434
BISI International Tbk PT	290,800	20,339
Blue Bird Tbk PT	5,500	533
Buana Lintas Lautan Tbk PT (A)	1,186,800	19,783
Bukit Asam Tbk PT	380,100	72,355
Bumi Serpong Damai Tbk PT (A)	499,400	35,381
Ciputra Development Tbk PT	1,290,744	87,849
Delta Dunia Makmur Tbk PT (A)	610,700	11,316
Elnusa Tbk PT	742,600	14,374

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Indonesia (continued)		
Erajaya Swasembada Tbk PT	1,113,500	\$ 46,855
Gudang Garam Tbk PT	32,400	69,577
Indah Kiat Pulp & Paper Tbk PT	279,700	153,641
Indika Energy Tbk PT (A)	225,300	24,455
Indo Tambangraya Megah Tbk PT	34,600	49,533
Indocement Tunggul Prakarsa Tbk PT	110,800	94,059
Indofood CBP Sukses Makmur Tbk PT	38,600	23,577
Indofood Sukses Makmur Tbk PT	483,100	214,510
Intiland Development Tbk PT (A)	1,316,300	14,404
Japfa Comfeed Indonesia Tbk PT	499,770	60,241
Jaya Real Property Tbk PT	215,500	7,849
Kawasan Industri Jababeka Tbk PT (A)	2,384,099	27,747
Krakatau Steel Persero Tbk PT (A)	733,900	21,223
Link Net Tbk PT	58,200	16,332
Lippo Karawaci Tbk PT (A)	4,020,148	39,751
Malindo Feedmill Tbk PT (A)	128,500	6,040
Map Aktif Adiperkasa PT (A)	105,900	18,845
Medco Energi Internasional Tbk PT (A)	1,194,526	38,982
Media Nusantara Citra Tbk PT	118,600	45,330
Mitra Adiperkasa Tbk PT (A)	715,200	35,625
MNC Vision Networks Tbk PT (A)	614,600	7,241
Pabrik Kertas Tjiwi Kimia Tbk PT	101,200	53,516
Panin Financial Tbk PT (A)	949,400	11,459
Paninvest Tbk PT (A)	116,800	5,570
Perusahaan Perkebunan London Sumatra Indonesia Tbk PT	318,000	26,481
PP Persero Tbk PT (A)	292,600	20,288
Puradelta Lestari Tbk PT	1,584,700	21,233
Ramayana Lestari Sentosa Tbk PT (A)	463,200	21,265
Salim Ivomas Pratama Tbk PT	670,100	21,433
Semen Indonesia Persero Tbk PT	259,300	131,836
Siloam International Hospitals Tbk PT	36,900	22,197
Sri Rejeki Isman Tbk PT (A)(D)	1,260,900	12,916
Suryainti Permata Tbk PT (A)(D)	1,446,000	0
Timah Tbk PT (A)	210,500	21,482
Truba Alam Manunggal Engineering PT (A)(D)	11,991,500	0
Tunas Baru Lampung Tbk PT	484,800	27,083
United Tractors Tbk PT	202,200	313,931
Vale Indonesia Tbk PT	224,100	73,799
Waskita Karya Persero Tbk PT (A)	533,700	23,785
Wijaya Karya Persero Tbk PT (A)	349,400	27,057
XL Axiata Tbk PT	403,300	89,751
		3,976,222
Malaysia - 1.6%		
Aeon Company M BHD	28,600	9,669
AFFIN Bank BHD	92,555	38,409
Alliance Bank Malaysia BHD	129,100	88,571
AMMB Holdings BHD (A)	171,362	130,325
Bank Islam Malaysia BHD	26,300	18,943
Batu Kawan BHD	3,100	16,902
Berjaya Assets BHD (A)	77,400	4,812
Berjaya Corp. BHD (A)(B)	439,496	26,349
Berjaya Land BHD (A)	244,400	13,188
Boustead Holdings BHD (A)	116,088	14,764
Bumi Armada BHD (A)	163,800	18,467
Cahaya Mata Sarawak BHD	52,100	15,997
CIMB Group Holdings BHD	487,703	637,951
Cypark Resources BHD (A)	54,200	11,829
Dayang Enterprise Holdings BHD	83,900	16,195
DRB-Hicom BHD	93,400	32,034
Eco World Development Group BHD	84,300	17,094
Ekovest BHD (A)	146,600	14,606
FGV Holdings BHD	33,400	11,866
Gamuda BHD (A)	136,030	94,733

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Malaysia (continued)		
Genting BHD	138,000	\$ 154,578
Genting Malaysia BHD	181,000	125,034
Genting Plantations BHD	22,400	36,021
Hengyuan Refining Company BHD	28,800	26,743
Hibiscus Petroleum BHD	171,900	33,614
Hong Leong Financial Group BHD	27,099	112,716
IJM Corp. BHD	264,060	96,304
Insas BHD	88,369	20,552
IOI Properties Group BHD	29,900	7,892
JAKS Resources BHD (A)	177,060	16,567
Jaya Tiasa Holdings BHD (A)	58,826	8,753
Keck Seng Malaysia BHD (A)	11,300	9,255
KNM Group BHD (A)	571,500	20,586
Land & General BHD	437,820	10,491
Lotte Chemical Titan Holding BHD (C)	30,231	17,415
Magnum BHD (B)	110,314	50,266
Mah Sing Group BHD	192,300	31,847
Malayan Banking BHD	318,660	634,730
Malaysia Airports Holdings BHD (A)	36,700	52,675
Malaysia Building Society BHD (B)	190,704	24,481
Malaysian Resources Corp. BHD	207,000	17,636
Matrix Concepts Holdings BHD	17,400	9,187
MBM Resources BHD	11,400	8,757
Mega First Corp. BHD	12,600	10,579
MISC BHD	106,200	179,546
MKH BHD	49,230	14,518
MNRB Holdings BHD	36,891	9,926
Muhibbah Engineering M BHD (A)	69,300	13,628
Oriental Holdings BHD	35,720	45,001
OSK Holdings BHD	111,397	23,266
Pos Malaysia BHD (A)	30,900	4,854
PPB Group BHD	30,500	125,271
RHB Bank BHD	146,176	188,278
Sapura Energy BHD (A)	1,155,500	13,901
Sime Darby BHD	307,400	171,314
Sime Darby Property BHD	271,300	38,752
SP Setia BHD Group (A)	173,900	53,845
Sunway BHD	140,407	57,955
Ta Ann Holdings BHD	50,348	42,353
Tan Chong Motor Holdings BHD	6,300	1,665
Tropicana Corp. BHD (A)	161,380	41,038
UEM Edgenta BHD (A)	32,900	12,782
UEM Sunrise BHD (A)	372,300	28,570
UMW Holdings BHD	48,800	34,782
United Malacca BHD	11,900	14,729
UOA Development BHD	117,500	47,050
Velesto Energy BHD (A)	428,800	12,356
WCT Holdings BHD (A)	194,483	23,803
Yinson Holdings BHD	26,500	38,188
YNH Property BHD (A)	34,619	22,018
YTL Corp. BHD	536,837	74,748
		4,103,520
Mexico - 2.1%		
Alfa SAB de CV, Class A	370,181	271,731
Alpek SAB de CV	49,200	53,464
Arca Continental SAB de CV	25,987	165,018
Banco del Bajío SA (C)	68,070	121,509
Cemex SAB de CV, Series CPO (A)	730,985	499,450
Coca-Cola Femsa SAB de CV	23,422	128,701
Consorcio ARA SAB de CV	25,993	5,446
Corp. Actinver SAB de CV	16,024	9,274
Credito Real SAB de CV SOFOM ER (A)(B)	33,638	13,455
El Puerto de Liverpool SAB de CV, Series C1	13,794	59,554

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Mexico (continued)		
Fomento Economico Mexicano SAB de CV	10,629	\$ 82,793
GCC SAB de CV	14,906	114,477
Genomma Lab Internacional SAB de CV, Class B (B)	28,340	29,786
Genera SAB de CV (A)	115,192	74,261
Grupo Carso SAB de CV, Series A1	27,578	88,099
Grupo Comercial Chedraui SA de CV	34,106	70,692
Grupo Financiero Banorte SAB de CV, Series O	131,299	853,952
Grupo Financiero Inbursa SAB de CV, Series O (A)	145,540	174,644
Grupo KUO SAB de CV, Series B (B)	42,698	94,653
Grupo Mexico SAB de CV, Series B	185,616	809,166
Grupo Pochteca SAB de CV (A)	9,600	3,390
Grupo Sanborns SAB de CV (A)	95,919	133,510
Grupo Televisa SAB, Series CPO	202,588	380,035
Industrias Bachoco SAB de CV, Series B	14,121	49,207
Industrias CH SAB de CV, Series B (A)	18,800	175,270
Industrias Penoles SAB de CV	8,071	93,038
La Comer SAB de CV	16,584	29,887
Megacable Holdings SAB de CV, Series CPO	23,643	80,817
Minera Frisco SAB de CV, Series A1 (A)	168,003	29,538
Nemak SAB de CV (A)(C)	159,261	47,213
Orbia Advance Corp. SAB de CV	73,770	188,285
Organizacion Cultiba SAB de CV (A)	17,095	10,837
Organizacion Soriana SAB de CV, Series B	190,849	242,249
Promotora y Operadora de Infraestructura SAB de CV	8,737	68,170
Promotora y Operadora de Infraestructura SAB de CV, L Shares	3,141	15,340
Unifin Financiera SAB de CV (A)	32,326	59,362
Vitro SAB de CV, Series A	6,357	7,498
		5,333,771
Philippines - 0.8%		
Alliance Global Group, Inc.	334,100	77,274
Ayala Corp.	9,390	153,066
Bank of the Philippine Islands	74,260	134,179
BDO Unibank, Inc.	154,227	364,990
Cebu Air, Inc. (A)	15,220	12,578
China Banking Corp.	75,528	38,516
Cosco Capital, Inc.	388,900	39,675
DMCI Holdings, Inc.	144,200	21,813
East West Banking Corp. (A)	74,300	13,989
EEL Corp. (A)	43,000	5,474
Filinvest Development Corp.	119,475	18,666
Filinvest Land, Inc.	937,500	20,226
First Philippine Holdings Corp.	29,660	40,758
Global Ferronickel Holdings, Inc.	283,424	11,945
GT Capital Holdings, Inc.	4,619	48,903
JG Summit Holdings, Inc.	157,922	163,924
LT Group, Inc.	159,800	31,015
Megaworld Corp.	839,700	51,853
Metropolitan Bank & Trust Company	130,973	143,035
Petron Corp. (A)	289,400	17,989
Philex Mining Corp.	161,300	17,238
Philippine National Bank (A)	65,310	25,741
Philtown Properties, Inc. (A)(D)	3,844	116
Phoenix Petroleum Philippines, Inc. (A)	22,200	4,725
PNB Holdings Corp. (A)(D)	10,246	64
Premium Leisure Corp.	815,000	6,873
RFM Corp.	133,500	11,903
Rizal Commercial Banking Corp.	62,703	24,596

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Philippines (continued)		
Robinsons Land Corp.	247,568	\$ 93,214
Robinsons Retail Holdings, Inc.	16,680	21,388
San Miguel Corp.	46,220	104,148
Security Bank Corp.	27,730	64,702
Top Frontier Investment Holdings, Inc. (A)	18,024	45,116
Union Bank of the Philippines	54,938	107,201
Vista Land & Lifescapes, Inc.	569,000	39,396
		1,976,289
Poland - 0.7%		
Alior Bank SA (A)	6,632	89,767
Asseco Poland SA	4,655	99,662
Bank Handlowy w Warszawie SA	2,586	37,874
Bank Millennium SA (A)	57,979	117,541
Bank Polska Kasa Opieki SA	411	12,405
Ciech SA	2,826	29,510
Develia SA	22,340	16,560
Enea SA (A)	19,073	40,329
Famur SA (A)	24,204	20,091
Grupa Azoty SA (A)	4,728	39,642
Grupa Lotos SA (A)	6,814	102,989
Jastrzebska Spolka Weglowa SA (A)	2,583	22,268
KGHM Polska Miedz SA	5,396	187,302
Lubelski Wegiel Bogdanka SA (A)	2,164	17,124
mBank SA (A)	914	97,677
PGE Polska Grupa Energetyczna SA (A)	66,331	132,359
PKP Cargo SA (A)	5,709	19,863
Polski Koncern Naftowy ORLEN SA	29,861	550,396
Santander Bank Polska SA	729	62,602
Stalexport Autostrady SA (B)	15,820	13,658
Tauron Polska Energia SA (A)	90,488	59,465
		1,769,084
Qatar - 0.6%		
Aamal Company	210,501	62,645
Aljarah Holding Company QPSC	77,548	20,015
Baladna	72,138	28,625
Barwa Real Estate Company	175,600	147,479
Commercial Bank PSQC	142,087	262,892
Doha Bank QPSC	139,323	122,473
Doha Insurance Company QSC	25,407	13,408
Gulf International Services QSC (A)	102,379	48,171
Gulf Warehousing Company	19,525	24,336
Investment Holding Group (A)	88,748	29,961
Mannai Corp. QSC	5,422	7,073
Mesaieed Petrochemical Holding Company	223,749	128,272
Ooredoo QPSC	80,019	154,400
Qatar Fuel QSC	29,535	148,200
Qatar Insurance Company SAQ (A)	100,863	76,161
Qatar National Cement Company QSC	23,781	33,329
Qatar Navigation QSC	41,293	86,592
United Development Company QSC	177,150	74,814
Vodafone Qatar QSC	145,471	66,592
		1,535,438
Russia - 1.5%		
Gazprom PJSC, ADR (London Stock Exchange)	196,506	1,814,566
LUKOIL PJSC, ADR	18,564	1,663,351
Rosneft Oil Company PJSC, GDR (London Stock Exchange)	3,675	29,557
RusHydro PJSC, ADR	63,164	63,157
VTB Bank PJSC, GDR	86,297	108,865
		3,679,496
Saudi Arabia - 2.9%		
Al Batain Power & Telecommunication Company	2,665	22,357

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Saudi Arabia (continued)		
Al Jouf Cement Company (A)	7,491	\$ 21,697
Al-Etihad Cooperative Insurance Company (A)	3,266	17,277
Alinma Bank	103,065	656,565
Arab National Bank	43,307	263,747
Arabian Cement Company	4,196	42,173
Aseer Trading Tourism & Manufacturing Company (A)	3,891	19,737
AXA Cooperative Insurance Company (A)	2,090	18,332
Bank Al-Jazira	25,377	130,186
Banque Saudi Fransi	28,776	361,530
City Cement Company	6,807	40,836
Dar Al Arkan Real Estate Development Company (A)	35,107	93,982
Eastern Province Cement Company	2,857	33,442
Emaar Economic City (A)	21,759	69,208
Etihad Etisalat Company	42,915	355,958
Hail Cement Company	4,570	16,139
Middle East Healthcare Company (A)	2,179	18,332
Mobile Telecommunications Company Saudi Arabia (A)	47,765	152,888
Najran Cement Company	7,837	37,699
National Industrialization Company (A)	21,450	113,571
Northern Region Cement Company	3,711	13,238
Riyad Bank	104,376	752,982
Sahara International Petrochemical Company	31,147	347,126
Saudi Basic Industries Corp.	49,313	1,520,784
Saudi Chemical Company Holding	3,283	29,635
Saudi Industrial Investment Group	10,444	86,501
Saudi Kayan Petrochemical Company (A)	87,313	394,451
Saudi Re for Cooperative Reinsurance Company (A)	5,052	22,303
Tabuk Cement Company (A)	4,675	21,732
The Saudi British Bank	56,303	493,802
The Saudi Investment Bank	20,379	106,080
The Saudi National Bank	52,357	897,544
Umm Al-Qura Cement Company	2,316	14,515
Walaa Cooperative Insurance Company (A)	2,461	12,409
Yamama Cement Company (A)	8,393	58,105
Yanbu Cement Company	6,565	63,157
		7,320,020
Singapore - 0.1%		
JOYY, Inc., ADR	5,041	229,013
South Africa - 3.4%		
Absa Group, Ltd.	53,337	510,465
AECI, Ltd.	11,686	81,884
African Rainbow Minerals, Ltd.	10,677	154,793
Alexander Forbes Group Holdings, Ltd.	120,790	33,955
Alviva Holdings, Ltd.	22,754	23,660
AngloGold Ashanti, Ltd.	4,187	88,160
Aspen Pharmacare Holdings, Ltd.	20,940	294,631
Astral Foods, Ltd.	4,628	50,135
Balwin Properties, Ltd.	6,271	1,346
Barloworld, Ltd.	21,853	206,415
Blue Label Telecoms, Ltd. (A)	44,582	14,236
Caxton & CTP Publishers & Printers, Ltd.	19,879	10,769
DataTec, Ltd.	19,918	48,207
Discovery, Ltd. (A)	23,369	210,695
Exxaro Resources, Ltd.	12,725	122,062
Gold Fields, Ltd., ADR	47,738	524,641
Grindrod, Ltd. (A)	45,556	14,213
Harmony Gold Mining Company, Ltd.	10,790	45,253
Harmony Gold Mining Company, Ltd., ADR (B)	18,219	74,880

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Africa (continued)		
Hudaco Industries, Ltd.	5,065	\$ 41,880
Impala Platinum Holdings, Ltd.	47,215	666,049
Imperial Logistics, Ltd.	19,928	80,045
Investec, Ltd.	19,898	109,341
KAP Industrial Holdings, Ltd.	257,249	70,611
Lewis Group, Ltd.	14,408	42,931
Liberty Holdings, Ltd. (A)	15,664	93,026
Life Healthcare Group Holdings, Ltd.	45,978	69,350
Long4Life, Ltd.	31,563	11,555
Metair Investments, Ltd.	23,633	40,758
Momentum Metropolitan Holdings	97,843	116,332
Motus Holdings, Ltd.	14,065	97,074
Mpact, Ltd. (A)	23,460	51,445
MTN Group, Ltd. (A)	121,450	1,301,817
Murray & Roberts Holdings, Ltd. (A)	60,191	53,790
Nedbank Group, Ltd.	30,206	331,788
Netcare, Ltd. (A)	25,774	25,701
Oceana Group, Ltd.	5,108	17,856
Old Mutual, Ltd.	238,727	196,100
Omnia Holdings, Ltd.	19,012	76,557
Pepkor Holdings, Ltd. (A)(C)	50,172	68,837
PPC, Ltd. (A)	168,790	53,518
PSG Group, Ltd. (A)	5,957	33,353
Raubex Group, Ltd.	20,799	51,937
RCL Foods, Ltd.	35,643	29,048
Reunert, Ltd.	19,682	65,514
Royal Bafokeng Platinum, Ltd.	13,281	130,685
Sappi, Ltd. (A)	61,862	177,110
Sasol, Ltd. (A)	30,590	500,837
Sibanye Stillwater, Ltd.	79,031	245,733
Sibanye Stillwater, Ltd., ADR	2,067	25,920
Standard Bank Group, Ltd.	86,012	755,649
Super Group, Ltd.	42,421	90,590
Telkom SA SOC, Ltd. (A)	37,622	127,697
Tiger Brands, Ltd.	5,674	64,436
Trencor, Ltd. (A)	40,666	11,690
Wilson Bayly Holmes-Ovcon, Ltd.	5,366	38,109
		8,475,069
South Korea - 13.5%		
Aekyung Chemical Company, Ltd. (A)	2,084	18,968
AJ Networks Company, Ltd. (A)	2,832	12,876
Ajin Industrial Company, Ltd. (A)	8,098	21,739
AK Holdings, Inc. (A)	743	12,036
AMOREPACIFIC Group (A)	1,900	70,796
Asia Cement Company, Ltd. (A)	32	3,273
ASIA Holdings Company, Ltd. (A)	241	25,897
Asia Paper Manufacturing Company, Ltd. (A)	565	24,968
BNK Financial Group, Inc. (A)	20,556	145,030
Bookook Securities Company, Ltd. (A)	501	10,297
Chongkundang Holdings Corp. (A)	288	18,510
Chosun Refractories Company, Ltd. (A)	338	23,042
CJ CheilJedang Corp. (A)	900	293,195
CJ Corp. (A)	1,674	117,304
CJ ENM Company, Ltd. (A)	651	75,894
CJ Logistics Corp. (A)	826	87,477
Com2uS Corp.	216	28,703
Dae Han Flour Mills Company, Ltd. (A)	232	30,131
Dae Won Kang Up Company, Ltd. (A)	4,385	13,740
Daedong Corp. (A)	3,364	28,550
Daesang Corp. (A)	2,028	39,698
Daesang Holdings Company, Ltd. (A)	2,310	18,827
Daewoo Engineering & Construction Company, Ltd. (A)	20,805	100,874
Dahaam E-Tec Company, Ltd. (A)	2,630	147,789

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Daihan Pharmaceutical Company, Ltd. (A)	563	\$ 13,585
Daishin Securities Company, Ltd. (A)	3,901	61,109
Daou Data Corp.	1,778	22,520
Daou Technology, Inc. (A)	2,309	44,150
DB Financial Investment Company, Ltd. (A)	3,849	21,260
DB Insurance Company, Ltd. (A)	5,058	229,647
DB, Inc. (A)	19,825	15,806
Deutsch Motors, Inc. (A)	3,903	24,939
DGB Financial Group, Inc. (A)	19,003	149,741
DL E&C Company, Ltd. (A)	2,017	201,590
DL Holdings Company, Ltd. (A)	1,609	82,285
DMS Company, Ltd.	3,275	18,584
Dongkuk Industries Company, Ltd. (A)	8,476	25,228
Dongkuk Steel Mill Company, Ltd. (A)	6,404	85,525
Dongwon Development Company, Ltd. (A)	5,212	23,375
Dongwon F&B Company, Ltd. (A)	122	19,937
Dongwon Industries Company, Ltd. (A)	176	33,571
Doosan Bobcat, Inc. (A)	4,079	139,595
Doosan Company, Ltd. (A)	554	54,873
DTR Automotive Corp.	741	44,737
Easy Holdings Company, Ltd.	3,872	13,088
E-MART, Inc.	1,480	187,622
ENF Technology Company, Ltd. (A)	1,003	28,815
Eugene Corp. (A)	6,888	27,956
Eugene Investment & Securities Company, Ltd. (A)	11,471	34,634
Eusu Holdings Company, Ltd. (A)	1,407	7,453
Farmsco (A)	2,687	13,851
Fila Holdings Corp. (A)	728	21,939
GS Engineering & Construction Corp. (A)	6,176	205,378
GS Global Corp. (A)	7,813	15,562
GS Holdings Corp. (A)	5,061	166,230
GS Retail Company, Ltd. (A)	3,309	84,472
Gwangju Shinsegae Company, Ltd.	152	23,126
Halla Holdings Corp. (A)	837	32,261
Han Kuk Carbon Company, Ltd. (A)	2,438	22,004
Hana Financial Group, Inc.	22,866	807,835
Handok, Inc. (A)	729	13,956
Handsome Company, Ltd. (A)	1,545	46,210
Hanil Cement Company, Ltd.	1,450	25,575
Hanil Holdings Company, Ltd.	3,183	36,100
Hanjin Transportation Company, Ltd. (A)	1,052	26,588
Hankook Tire & Technology Company, Ltd. (A)	7,854	262,381
Hanshin Construction Company, Ltd. (A)	1,844	24,350
Hansol Holdings Company, Ltd. (A)	5,241	15,636
Hansol Paper Company, Ltd.	2,920	33,124
Hansol Technics Company, Ltd. (A)	3,325	21,796
Hanwha Aerospace Company, Ltd. (A)	2,248	90,618
Hanwha Corp. (A)	3,675	96,909
Hanwha General Insurance Company, Ltd. (A)	5,427	16,920
Hanwha Investment & Securities Company, Ltd. (A)	15,071	80,728
Hanwha Life Insurance Company, Ltd. (A)	34,108	84,073
Hanwha Solutions Corp. (A)	10,905	325,241
Hanyang Eng Company, Ltd. (A)	1,654	23,406
Harim Holdings Company, Ltd. (A)	5,472	43,417
HDC Hyundai Development Co-Engineering & Construction, Series E (A)	969	18,633
Hitejinro Holdings Company, Ltd. (A)	995	10,197
HS Industries Company, Ltd. (A)	4,056	20,778
Huchems Fine Chemical Corp. (A)	1,170	22,720

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Huvis Corp. (A)	3,715	\$ 26,800
Huvitz Company, Ltd. (A)	1,341	10,069
Hyosung Corp. (A)	540	42,940
Hyosung Heavy Industries Corp. (A)	742	36,320
Hyundai Construction Equipment Company, Ltd. (A)	1,613	54,875
Hyundai Corp. (A)	1,339	18,875
Hyundai Corp. Holdings, Inc. (A)	1,811	18,108
Hyundai Department Store Company, Ltd. (A)	1,243	78,429
Hyundai Doosan Infracore Company, Ltd. (A)	12,566	74,808
Hyundai Electric & Energy System Company, Ltd. (A)	2,220	37,069
Hyundai Engineering & Construction Company, Ltd. (A)	5,407	201,751
Hyundai Futurenet Company, Ltd. (A)	8,894	31,465
Hyundai Glovis Company, Ltd. (A)	1,173	165,413
Hyundai Greenfood Company, Ltd. (A)	5,234	37,684
Hyundai Heavy Industries Holdings Company, Ltd.	3,580	161,566
Hyundai Home Shopping Network Corp. (A)	652	34,764
Hyundai Livart Furniture Company, Ltd. (A)	1,327	16,881
Hyundai Marine & Fire Insurance Company, Ltd. (A)	6,179	119,113
Hyundai Mipo Dockyard Company, Ltd.	1,765	103,764
Hyundai Mobis Company, Ltd.	4,311	921,507
Hyundai Motor Company	7,321	1,285,051
Hyundai Motor Securities Company, Ltd. (A)	3,480	36,120
Hyundai Steel Company (A)	6,801	234,213
Hyundai Wia Corp. (A)	1,286	86,272
ICD Company, Ltd. (A)	1,893	20,421
Iijin Holdings Company, Ltd. (A)	4,669	21,479
Industrial Bank of Korea	23,318	201,718
Innocean Worldwide, Inc.	469	21,832
INTOPS Company, Ltd.	1,374	37,202
Inzi Controls Company, Ltd. (A)	1,760	22,582
IS Dongseo Company, Ltd. (A)	1,227	45,644
Jahwa Electronics Company, Ltd. (A)	1,056	22,230
JB Financial Group Company, Ltd. (A)	13,171	92,366
Jeil Savings Bank (A)(D)	1,820	0
KB Financial Group, Inc.	550	25,434
KB Financial Group, Inc., ADR	30,974	1,429,760
KC Company, Ltd. (A)	1,496	28,699
KCC Corp.	347	91,854
KCC Glass Corp.	939	47,236
KCTC (A)	4,403	22,991
KG Chemical Corp.	799	20,613
Kginicis Company, Ltd.	1,417	22,612
KGMobilians Company, Ltd.	2,700	27,631
Kia Corp. (A)	18,836	1,299,931
KISCO Corp.	4,131	26,857
KISCO Holdings Company, Ltd.	1,536	18,794
KISWIRE, Ltd. (A)	1,553	25,360
KIWOOO Securities Company, Ltd. (A)	1,432	128,593
Kolmar Korea Holdings Company, Ltd. (A)	1,323	21,811
Kolon Corp. (A)	898	24,907
Kolon Industries, Inc.	1,911	113,822
Korea Asset In Trust Company, Ltd. (A)	9,060	31,105
Korea Electric Terminal Company, Ltd.	561	35,924
Korea Investment Holdings Company, Ltd. (A)	4,028	272,899

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Korea Line Corp. (A)	23,137	\$ 51,290
Korea Petrochemical Industrial Company, Ltd. (A)	441	67,788
Korea Real Estate Investment & Trust Company, Ltd. (A)	14,635	32,055
Korea Shipbuilding & Offshore Engineering Company, Ltd. (A)	2,882	229,088
Korea Zinc Company, Ltd. (A)	595	256,011
Korean Air Lines Company, Ltd. (A)	869	21,399
Korean Reinsurance Company (A)	9,470	73,589
Kortek Corp. (A)	1,806	15,141
KPX Chemical Company, Ltd.	660	29,739
KSS LINE, Ltd. (A)	3,562	35,471
KT Skyline Company, Ltd. (A)	1,768	13,583
KT&G Corp.	8,656	575,086
KTB Investment & Securities Company, Ltd. (A)	4,729	20,604
Kukdo Chemical Company, Ltd. (A)	466	22,107
Kumho Petrochemical Company, Ltd. (A)	1,206	168,121
Kumho Tire Company, Inc. (A)	7,054	27,366
KUMHOE&C Company, Ltd. (A)	2,357	22,986
Kwang Dong Pharmaceutical Company, Ltd. (A)	3,313	20,689
Kyeryong Construction Industrial Company, Ltd.	844	23,110
Kyung-In Synthetic Corp. (A)	4,181	24,383
LF Corp. (A)	2,312	33,512
LG Corp. (A)	6,087	414,326
LG Display Company, Ltd., ADR (A)(B)	52,646	531,725
LG Electronics, Inc.	10,548	1,221,254
LG HelloVision Company, Ltd. (A)	3,836	17,896
LG Uplus Corp.	18,651	212,814
Lotte Chemical Corp. (A)	1,193	217,628
Lotte Chilsung Beverage Company, Ltd. (A)	305	34,253
Lotte Corp. (A)	2,012	50,564
Lotte Data Communication Company (A)	697	21,153
LOTTE Fine Chemical Company, Ltd. (A)	1,504	94,728
Lotte Food Company, Ltd. (A)	34	9,846
LOTTE Himart Company, Ltd. (A)	1,006	21,239
Lotte Non-Life Insurance Company, Ltd. (A)	5,459	7,430
Lotte Shopping Company, Ltd. (A)	881	64,553
LS Corp. (A)	1,793	81,522
LS Electric Company, Ltd. (A)	438	20,508
LX Hausys, Ltd. (A)	659	34,034
LX Holdings Corp. (A)	2,952	24,801
LX International Corp. (A)	2,902	64,417
Mando Corp. (A)	1,993	106,049
Meritz Financial Group, Inc. (A)	3,839	142,202
Meritz Fire & Marine Insurance Company, Ltd. (A)	2,860	80,531
Meritz Securities Company, Ltd. (A)	35,902	155,445
Mirae Asset Life Insurance Company, Ltd. (A)	8,582	28,890
Mirae Asset Securities Company, Ltd. (A)	27,337	198,596
Motonic Corp. (A)	2,259	20,084
Muhak Company, Ltd. (A)	2,080	14,603
Namyang Dairy Products Company, Ltd. (A)	58	19,838
Nexen Corp. (A)	3,733	14,308
Nexen Tire Corp. (A)	6,465	37,061
NH Investment & Securities Company, Ltd. (A)	12,340	129,608
NHN Corp. (A)	1,882	71,203

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Nice Information & Telecommunication, Inc. (A)	705	\$ 17,474
Nong Shim Holdings Company, Ltd. (A)	402	25,646
NongShim Company, Ltd. (A)	255	68,382
NS Shopping Company, Ltd. (A)	1,078	11,502
OCI Company, Ltd.	1,606	140,282
Orion Holdings Corp. (A)	2,756	36,943
Ottogi Corp. (A)	107	41,030
Paik Kwang Industrial Company, Ltd. (A)	4,235	18,334
Pan Ocean Company, Ltd. (A)	26,446	120,279
Paradise Company, Ltd. (A)	2,760	34,623
Partron Company, Ltd.	2,739	30,557
Poongsan Corp. (A)	2,423	63,423
Poongsan Holdings Corp. (A)	1,129	26,854
POSCO	5,684	1,318,045
Posco International Corp. (A)	4,844	91,309
Protec Company, Ltd. (A)	1,070	24,134
Pyeong Hwa Automotive Company, Ltd. (A)	2,626	22,262
RFTech Company, Ltd. (A)	4,033	20,587
Sam Young Electronics Company, Ltd. (A)	938	8,974
Samho Development Company, Ltd. (A)	4,213	18,049
Sammok S-Form Company, Ltd. (A)	1,315	15,291
SAMPYO Cement Company, Ltd. (A)	4,134	16,391
Samsung C&T Corp. (A)	4,883	487,910
Samsung Card Company, Ltd. (A)	2,454	65,030
Samsung Electronics Company, Ltd.	33,034	2,169,507
Samsung Fire & Marine Insurance Company, Ltd. (A)	3,065	520,669
Samsung Heavy Industries Company, Ltd. (A)	39,786	189,677
Samsung Life Insurance Company, Ltd. (A)	4,666	251,251
Samsung Securities Company, Ltd. (A)	4,810	181,359
Samyang Corp. (A)	258	13,598
Samyang Holdings Corp. (A)	535	44,150
Sangsangin Company, Ltd.	3,653	25,459
Seah Besteel Corp. (A)	1,017	17,007
Sebang Company, Ltd. (A)	1,153	11,552
Sebang Global Battery Company, Ltd. (A)	601	38,306
Sejong Industrial Company, Ltd. (A)	1,547	11,314
Sejong Telecom, Inc. (A)	42,334	21,026
Seohee Construction Company, Ltd.	13,592	18,939
Seoul Semiconductor Company, Ltd. (A)	3,322	42,898
Seoyon Company, Ltd. (A)	2,508	25,862
SFA Engineering Corp. (A)	683	20,661
SGC eTec E&C Company, Ltd. (A)	178	9,279
Shindaeyang Paper Company, Ltd. (A)	267	19,226
Shinhan Financial Group Company, Ltd.	2,494	77,062
Shinhan Financial Group Company, Ltd., ADR	35,708	1,103,734
Shinsegae Engineering & Construction Company, Ltd. (A)	621	18,097
Shinsegae Food Company, Ltd.	268	18,458
Shinsegae, Inc.	668	142,552
Shinwha Intertek Corp. (A)	4,441	11,399
Shinyoung Securities Company, Ltd.	580	29,253
SK Discovery Company, Ltd. (A)	1,496	58,367
SK Gas, Ltd. (A)	304	32,568
SK Hynix, Inc.	34,604	3,800,647
SK Innovation Company, Ltd. (A)	2,536	507,787
SK Networks Company, Ltd. (A)	16,268	68,632
SK Securities Company, Ltd. (A)	27,076	22,736
SK, Inc.	2,806	591,559
SL Corp. (A)	1,618	42,379

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
SNT Holdings Company, Ltd.	1,460	\$ 21,610
SNT Motiv Company, Ltd.	882	34,850
Songwon Industrial Company, Ltd. (A)	1,547	27,858
Spigen Korea Company, Ltd.	525	18,971
Sungshin Cement Company, Ltd. (A)	3,637	50,533
Sungwoo Hitech Company, Ltd. (A)	2,984	14,301
Sunjin Company, Ltd. (A)	2,276	22,015
Taekwang Industrial Company, Ltd. (A)	48	42,087
Taeyoung Engineering & Construction Company, Ltd. (A)	2,234	19,728
Tongyang Life Insurance Company, Ltd. (A)	7,644	42,396
Toptec Company, Ltd. (A)	2,535	19,722
Tovis Company, Ltd. (A)	1,305	9,395
TS Corp. (A)	12,730	32,313
TY Holdings Company, Ltd. (A)	2,153	50,974
Unick Corp.	2,729	14,363
Unid Company, Ltd.	534	45,039
WiSoL Company, Ltd.	2,256	20,638
Wonik Holdings Company, Ltd. (A)	5,948	24,882
Wonik Materials Company, Ltd. (A)	880	26,176
Woori Financial Group, Inc.	41,842	446,217
Young Poong Corp. (A)	51	28,083
Youngone Corp.	2,509	92,053
Youngone Holdings Company, Ltd. (A)	920	36,159
Yuanta Securities Korea Company, Ltd. (A)	11,703	39,499
Zeus Company, Ltd.	1,798	35,387
		33,771,174
Taiwan - 17.4%		
Abico Avy Company, Ltd.	24,990	24,362
AcBel Polytech, Inc.	38,000	50,155
Acer, Inc.	256,452	281,593
ACES Electronic Company, Ltd.	19,323	36,243
Acter Group Corp., Ltd.	4,000	32,073
Advanced International Multitech Company, Ltd.	13,000	35,163
Advantecetek Enterprise Company, Ltd.	35,186	29,247
AGV Products Corp. (A)	11,716	4,593
Alpha Networks, Inc.	31,773	38,539
Altek Corp.	16,000	27,445
AmTRAN Technology Company, Ltd.	49,767	31,572
Apacer Technology, Inc.	11,000	19,321
APCB, Inc.	37,000	29,659
Apex International Company, Ltd.	7,000	32,913
Arcadyan Technology Corp.	8,000	36,791
Ardentec Corp.	45,000	90,027
Argosy Research, Inc.	7,000	34,109
ASE Technology Holding Company, Ltd.	229,000	884,905
Asia Cement Corp.	195,805	313,059
Asia Polymer Corp.	50,607	66,904
Asia Tech Image, Inc.	12,000	24,049
Asia Vital Components Company, Ltd.	29,328	93,190
Asustek Computer, Inc.	68,000	923,132
AU Optronics Corp.	450,000	371,997
Audix Corp.	21,000	45,190
Bank of Kaohsiung Company, Ltd.	27,810	12,153
Basso Industry Corp.	8,000	12,622
BES Engineering Corp.	163,700	53,585
Capital Securities Corp.	183,403	112,246
Career Technology MFG. Company, Ltd. (A)	61,200	58,359
Catcher Technology Company, Ltd.	53,000	299,619
Cathay Financial Holding Company, Ltd.	690,423	1,555,421
Cathay Real Estate Development Company, Ltd.	46,400	32,271

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Celxpert Energy Corp.	12,000	\$ 18,493
Central Reinsurance Company, Ltd.	31,500	33,721
Chang Hwa Commercial Bank, Ltd. (B)	334,238	205,262
Channel Well Technology Company, Ltd.	16,000	22,951
Charoen Pokphand Enterprise	10,000	29,126
CHC Healthcare Group	21,000	28,883
Chen Full International Company, Ltd.	15,000	22,318
Chenbro Micom Company, Ltd.	10,000	28,159
Cheng Loong Corp.	68,320	87,095
Cheng Shin Rubber Industry Company, Ltd.	132,000	172,023
Cheng Uei Precision Industry Company, Ltd.	37,629	53,728
Chicony Electronics Company, Ltd.	18,000	53,498
Chilisin Electronics Corp.	24,000	81,981
China Airlines, Ltd. (A)	264,910	263,288
China Bills Finance Corp.	95,000	59,023
China Chemical & Pharmaceutical Company, Ltd.	34,000	27,817
China Development Financial Holding Corp.	1,035,535	654,035
China General Plastics Corp.	37,485	46,969
China Man-Made Fiber Corp.	178,414	65,347
China Metal Products Company, Ltd.	42,513	50,702
China Motor Corp.	30,250	69,240
China Petrochemical Development Corp. (A)(B)	309,245	146,669
China Steel Corp.	919,180	1,172,934
Chin-Poon Industrial Company, Ltd.	43,571	57,678
Chipbond Technology Corp.	70,000	168,593
ChipMOS Technologies, Inc.	66,938	117,252
Chong Hong Construction Company, Ltd.	19,000	50,118
Chun Yuan Steel Industry Company, Ltd.	50,874	44,811
Chung Hung Steel Corp.	38,625	57,208
Chung-Hsin Electric & Machinery Manufacturing Corp.	46,500	75,946
CMC Magnetics Corp. (A)	72,470	29,943
Compal Electronics, Inc.	450,000	393,391
Compeq Manufacturing Company, Ltd.	111,000	175,305
Concord Securities Company, Ltd.	26,000	14,090
Continental Holdings Corp.	49,050	44,565
Coretronic Corp.	40,000	133,267
CTBC Financial Holding Company, Ltd.	1,714,348	1,606,002
CTCI Corp.	8,000	10,750
DA CIN Construction Company, Ltd.	20,000	23,651
Darfon Electronics Corp.	16,000	29,292
Darwin Precisions Corp. (A)	37,000	21,380
Depo Auto Parts Industrial Company, Ltd.	21,000	47,588
D-Link Corp.	50,600	34,716
Dyaco International, Inc.	5,000	9,759
Dynamic Electronics Company, Ltd.	35,584	29,049
Dynapack International Technology Corp.	10,000	36,991
E Ink Holdings, Inc.	5,000	27,228
E.Sun Financial Holding Company, Ltd.	81,344	82,447
Edom Technology Company, Ltd.	37,400	44,029
Elite Semiconductor Microelectronics Technology, Inc.	27,000	160,257
Elitegroup Computer Systems Company, Ltd.	42,104	34,190
Ennoconn Corp.	6,233	53,194
Ennostar, Inc. (A)	20,656	57,105
EnTie Commercial Bank Company, Ltd.	58,000	34,257
Eson Precision Ind Company, Ltd.	12,000	28,842
Eternal Materials Company, Ltd.	12,000	17,508
Eva Airways Corp. (A)	266,725	268,950

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Everest Textile Company, Ltd. (A)	64,835	\$ 22,532
Evergreen International Storage & Transport Corp.	67,600	71,279
Evergreen Marine Corp. Taiwan, Ltd.	11,655	59,708
Everlight Chemical Industrial Corp.	49,250	48,378
Everlight Electronics Company, Ltd.	46,000	87,382
Excelsior Medical Company, Ltd.	16,573	34,489
Far Eastern Department Stores, Ltd.	102,720	79,594
Far Eastern International Bank	324,637	126,034
Far Eastern New Century Corp.	252,249	266,760
Farglory Land Development Company, Ltd.	28,530	63,690
Federal Corp.	13,000	13,536
First Financial Holding Company, Ltd.	613,053	542,275
First Steamship Company, Ltd. (A)	84,809	39,974
FLEXium Interconnect, Inc. (A)	10,000	37,685
Formosa Advanced Technologies Company, Ltd.	25,000	35,303
Formosa Chemicals & Fibre Corp.	184,000	536,654
Formosa Laboratories, Inc. (A)	9,543	20,858
Formosa Plastics Corp.	171,000	641,810
Formosa Taffeta Company, Ltd.	67,000	70,534
Formosan Rubber Group, Inc.	33,020	27,433
Formosan Union Chemical	48,812	40,644
Foxconn Technology Company, Ltd.	64,626	151,341
Fubon Financial Holding Company, Ltd.	741,053	2,039,768
Fulgent Sun International Holding Company, Ltd.	11,000	38,508
Fulltech Fiber Glass Corp. (A)	45,000	28,160
G Shank Enterprise Company, Ltd.	15,535	42,853
Gemtek Technology Corp.	32,000	37,292
General Interface Solution Holding, Ltd.	29,000	106,736
Giantplus Technology Company, Ltd. (A)	31,000	15,608
Gigabyte Technology Company, Ltd.	9,000	50,500
Ginko International Company, Ltd.	4,000	38,730
Global Brands Manufacture, Ltd.	37,541	52,272
Global Lighting Technologies, Inc.	6,000	18,001
Globe Union Industrial Corp.	51,750	28,225
Gloria Material Technology Corp.	39,684	31,368
Gold Circuit Electronics, Ltd.	44,000	120,470
Goldsun Building Materials Company, Ltd.	93,540	98,520
Grand Ocean Retail Group, Ltd.	13,000	8,349
Grand Pacific Petrochemical	77,000	79,720
Great China Metal Industry	33,000	31,463
Great Wall Enterprise Company, Ltd.	41,976	80,981
Hannstar Board Corp.	39,750	65,135
HannStar Display Corp.	276,842	180,654
HannsTouch Solution, Inc.	64,000	39,836
Hey Song Corp.	40,000	51,653
Highwealth Construction Corp.	45,000	75,172
Ho Tung Chemical Corp.	88,399	35,568
Hon Hai Precision Industry Company, Ltd.	732,448	2,746,784
Hong Pu Real Estate Development Company, Ltd.	27,000	22,577
Hsing TA Cement Company, Ltd.	38,000	28,569
Hua Nan Financial Holdings Company, Ltd.	499,126	382,047
Hung Sheng Construction, Ltd.	42,240	36,615
IBF Financial Holdings Company, Ltd.	237,780	137,802
Ichia Technologies, Inc.	25,000	15,431
IEI Integration Corp.	12,000	20,279
Innolux Corp.	657,561	464,666
Inpaq Technology Company, Ltd. (A)	12,000	31,502
Integrated Service Technology, Inc.	9,000	17,263

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
International CSRC Investment Holdings Company	81,383	\$ 82,777
Inventec Corp.	240,000	216,153
Iron Force Industrial Company, Ltd.	6,000	15,329
Jarlllytec Company, Ltd.	9,000	20,445
Jess-Link Products Company, Ltd.	13,000	19,443
Kaimei Electronic Corp.	13,300	48,459
Kenda Rubber Industrial Company, Ltd.	39,520	44,325
King Yuan Electronics Company, Ltd.	122,796	198,331
King's Town Bank Company, Ltd.	83,000	121,481
King's Town Construction Company, Ltd. (A)	7,300	10,763
Kinko Optical Company, Ltd. (A)	15,758	20,795
Kinpo Electronics, Inc.	160,269	93,298
Kinsus Interconnect Technology Corp.	22,000	184,420
Kuo Toong International Company, Ltd.	18,248	14,513
L&K Engineering Company, Ltd.	17,000	19,969
Largan Precision Company, Ltd.	7,000	622,760
Laster Tech Corp., Ltd.	11,000	17,465
Lealea Enterprise Company, Ltd. (A)	90,124	36,741
Li Peng Enterprise Company, Ltd. (A)	62,000	23,061
Lida Holdings, Ltd.	4,640	5,362
Lien Hwa Industrial Holdings Corp.	42,900	95,919
Lingsen Precision Industries, Ltd. (A)	49,481	49,275
Lite-On Technology Corp.	164,000	377,650
Longchen Paper & Packaging Company, Ltd.	64,177	56,504
Lung Yen Life Service Corp.	9,000	14,395
Macauto Industrial Company, Ltd.	8,000	22,793
Macronix International Company, Ltd.	129,000	196,277
Mega Financial Holding Company, Ltd.	547,472	703,101
Mercuries & Associates Holding, Ltd.	47,815	39,129
Mercuries Life Insurance Company, Ltd. (A)	55,949	18,658
Merry Electronics Company, Ltd.	11,000	37,492
Mitac Holdings Corp.	58,316	74,079
MPI Corp.	11,000	46,347
Namchow Holdings Company, Ltd.	9,000	16,330
Nan Ya Plastics Corp.	334,000	1,028,969
Nanya Technology Corp.	121,000	340,811
Nichidenbo Corp.	14,000	27,228
Nishoku Technology, Inc.	7,800	25,781
O-Bank Company, Ltd.	52,538	15,176
OptoTech Corp.	26,439	67,783
Pacific Construction Company	38,289	13,472
Paiho Shih Holdings Corp.	11,000	14,012
Pan German Universal Motors, Ltd.	2,000	15,639
Pan-International Industrial Corp. (B)	44,481	63,198
Pegatron Corp.	204,660	510,647
PharmaEngine, Inc.	9,000	23,583
Phison Electronics Corp.	5,000	92,304
Pou Chen Corp.	163,348	195,418
Powertech Technology, Inc.	39,000	137,437
President Securities Corp.	99,549	84,997
Primax Electronics, Ltd.	26,000	53,159
Prince Housing & Development Corp.	142,555	68,941
Prodisc Technology, Inc. (A)(D)	762,000	0
Qisda Corp.	162,280	178,350
Quanta Computer, Inc.	201,000	686,461
Quanta Storage, Inc.	23,000	40,349
Radiant Opto-Electronics Corp.	26,000	94,786
Radium Life Tech Company, Ltd.	102,621	40,192
Rechi Precision Company, Ltd.	20,000	13,802
Ritek Corp. (A)	57,799	24,524
Roo Hsing Company, Ltd. (A)	67,000	17,431

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Ruentex Development Company, Ltd.	85,880	\$ 197,599
Ruentex Industries, Ltd.	33,800	118,817
Sampo Corp.	43,470	46,936
San Far Property, Ltd.	28,964	15,791
Sanyang Motor Company, Ltd.	48,000	46,906
Savior Lifetec Corp. (A)	18,957	13,085
SCI Pharmtech, Inc.	7,200	21,859
Sercomm Corp.	22,000	60,128
Sesoda Corp.	26,064	31,988
Shan-Loong Transportation Company, Ltd.	23,000	30,330
Sheng Yu Steel Company, Ltd.	22,000	26,231
ShenMao Technology, Inc.	8,000	23,374
Shihlin Electric & Engineering Corp.	21,000	40,866
Shin Kong Financial Holding Company, Ltd.	870,344	346,843
Shin Zu Shing Company, Ltd.	8,000	27,887
Shining Building Business Company, Ltd. (A)	55,118	21,896
Shinkong Insurance Company, Ltd.	27,000	46,318
Shinkong Synthetic Fibers Corp.	132,239	96,428
Sigurd Microelectronics Corp.	47,773	101,263
Simplo Technology Company, Ltd.	8,000	94,887
Sincere Navigation Corp.	24,000	25,236
Sinher Technology, Inc.	8,000	11,889
Sinon Corp.	45,650	46,557
SinoPac Financial Holdings Company, Ltd.	706,931	412,276
Sirtec International Company, Ltd.	23,800	24,508
Siward Crystal Technology Company, Ltd.	20,000	28,181
Soft-World International Corp.	4,000	14,238
Sunonwealth Electric Machine Industry Company, Ltd.	18,000	28,862
Sunrex Technology Corp.	11,678	20,116
Supreme Electronics Company, Ltd.	13,268	24,194
Syncmold Enterprise Corp.	6,000	15,226
SYNergy ScienTech Corp.	10,000	11,911
Synmosa Biopharma Corp.	20,176	17,201
Synnex Technology International Corp.	120,000	286,716
TA Chen Stainless Pipe (A)	99,489	165,923
Ta Ya Electric Wire & Cable	58,889	53,011
TA-I Technology Company, Ltd.	8,000	18,861
Taichung Commercial Bank Company, Ltd.	452,227	198,444
TaiDoc Technology Corp.	4,000	26,225
Taiflex Scientific Company, Ltd.	24,100	41,331
Tainan Spinning Company, Ltd.	135,638	124,936
Taishin Financial Holding Company, Ltd.	890,946	609,515
Taita Chemical Company, Ltd. (B)	26,494	33,042
Taiwan Business Bank	509,790	182,270
Taiwan Cement Corp.	388,318	673,011
Taiwan Chinsan Electronic Industrial Company, Ltd.	14,852	25,472
Taiwan Cooperative Financial Holding Company, Ltd.	607,939	558,594
Taiwan Fertilizer Company, Ltd.	52,000	131,322
Taiwan Fire & Marine Insurance Company, Ltd.	41,000	30,209
Taiwan FU Hsing Industrial Company, Ltd.	21,000	31,487
Taiwan Glass Industry Corp.	112,319	108,378
Taiwan Hon Chuan Enterprise Company, Ltd.	34,000	87,944
Taiwan Kolin Company, Ltd. (A)(D)	327,000	0
Taiwan PCB Techvest Company, Ltd.	36,000	63,143
Taiwan Semiconductor Company, Ltd.	14,000	39,705
Taiwan Shin Kong Security Company, Ltd.	8,000	11,377
Taiwan Styrene Monomer	38,000	23,862

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Taiwan Surface Mounting Technology Corp.	26,225	\$ 116,791
Taiwan Union Technology Corp.	4,000	14,720
Taiyen Biotech Company, Ltd.	26,137	31,369
Tatung Company, Ltd. (A)	116,000	136,475
TBI Motion Technology Company, Ltd.	12,000	21,624
Teco Electric & Machinery Company, Ltd.	132,000	150,773
Test Research, Inc.	13,000	27,476
The Ambassador Hotel (A)	29,000	32,576
The Shanghai Commercial & Savings Bank, Ltd.	134,000	228,579
Thye Ming Industrial Company, Ltd.	24,800	34,180
Ton Yi Industrial Corp.	97,000	50,967
Tong Yang Industry Company, Ltd.	40,627	48,585
Tong-Tai Machine & Tool Company, Ltd. (A)	26,588	16,658
TOPBI International Holdings, Ltd. (A)	8,077	3,488
Topkey Corp.	6,000	32,438
Topoint Technology Company, Ltd.	29,190	44,457
TPK Holding Company, Ltd.	41,000	64,331
Tripod Technology Corp.	14,000	62,893
Tsann Kuen Enterprise Company, Ltd.	7,000	9,723
TSRC Corp.	28,000	40,839
Tung Ho Steel Enterprise Corp.	61,640	149,482
TXC Corp.	27,000	102,690
TYC Brother Industrial Company, Ltd.	15,511	10,855
Tyntek Corp.	36,000	36,749
U-Ming Marine Transport Corp.	38,000	82,595
Unimicron Technology Corp.	7,000	58,254
Union Bank of Taiwan (A)	261,544	128,382
Unitech Printed Circuit Board Corp. (A)	74,194	53,832
United Microelectronics Corp.	699,794	1,639,457
Universal Cement Corp.	27,483	21,448
Unizyx Holding Corp. (A)	34,000	42,950
UPC Technology Corp.	89,751	69,881
USI Corp.	80,996	92,242
Wah Lee Industrial Corp.	26,520	102,428
Walsin Lihwa Corp.	180,000	171,941
Walsin Technology Corp. (A)	25,000	150,508
Walton Advanced Engineering, Inc. (A)	39,584	26,924
Wei Chuan Foods Corp.	33,000	26,526
Weikeng Industrial Company, Ltd.	25,000	28,835
Well Shin Technology Company, Ltd.	15,000	26,103
Winbond Electronics Corp.	316,793	387,901
Wintek Corp. (A)(D)	543,000	0
Wisdom Marine Lines Company, Ltd.	26,343	77,327
Wistron Corp.	297,291	312,865
Wistron NeWeb Corp.	19,000	53,526
WPG Holdings, Ltd.	165,400	314,249
WT Microelectronics Company, Ltd.	45,174	119,931
Xxentria Technology Materials Corp.	8,000	19,662
Yang Ming Marine Transport Corp. (A)	22,000	95,690
YC INOX Company, Ltd.	40,104	46,659
Yea Shin International Development Company, Ltd.	20,906	17,344
Yem Chio Company, Ltd.	42,717	23,835
Yeong Guan Energy Technology Group Company, Ltd.	13,553	30,827
YFY, Inc.	132,202	169,842
Yieh Phui Enterprise Company, Ltd. (A)	68,899	62,848
Youngtek Electronics Corp.	17,000	51,476
Yuanta Financial Holding Company, Ltd.	848,371	774,931
Yulon Motor Company, Ltd.	64,470	97,451
YungShin Global Holding Corp.	8,000	12,415
Zeng Hsing Industrial Company, Ltd.	4,000	21,102

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Zenitron Corp.	45,000	\$ 56,572
Zhen Ding Technology Holding, Ltd.	44,000	159,409
Zig Sheng Industrial Company, Ltd.	38,908	23,046
		43,594,917
Thailand - 1.9%		
AAPICO Hitech PCL	35,352	28,498
AP Thailand PCL	223,670	63,932
Bangchak Corp. PCL	91,600	69,168
Bangkok Airways PCL (A)	85,500	24,909
Bangkok Bank PCL	12,800	46,393
Bangkok Bank PCL, NVDR	14,500	52,554
Bangkok Insurance PCL	4,550	36,498
Bangkok Land PCL	1,059,200	33,858
Bangkok Life Assurance PCL, NVDR	29,900	33,144
Bangkok Ranch PCL (A)	92,300	8,292
Banpu PCL	535,067	170,126
Berli Jucker PCL	86,900	80,578
Cal-Comp Electronics Thailand PCL	123,800	11,995
Charoen Pokphand Foods PCL	377,100	288,130
GFPT PCL	43,900	16,793
Indorama Ventures PCL	82,600	106,792
IRPC PCL	943,100	108,228
Italian-Thai Development PCL (A)	477,400	32,512
Kasikornbank PCL, NVDR	101,600	430,167
Khon Kaen Sugar Industry PCL (A)	192,600	20,860
Kiatnakin Phatra Bank PCL	19,400	34,626
Krung Thai Bank PCL	265,400	104,624
LH Financial Group PCL	709,300	28,640
LPN Development PCL	52,900	7,764
MBK PCL (A)	48,672	19,528
Millcon Steel PCL	152,625	5,506
Polyplex Thailand PCL	14,000	9,977
Pruksa Holding PCL	78,800	30,699
PTT Exploration & Production PCL	119,900	422,699
PTT Global Chemical PCL	133,900	235,345
PTT PCL	938,700	1,065,268
Quality Houses PCL	377,100	25,501
Rojana Industrial Park PCL	113,100	22,521
Saha-Union PCL	16,100	15,642
Sansiri PCL	1,026,866	37,755
SC Asset Corp. PCL	238,196	23,928
Somboon Advance Technology PCL	51,300	33,412
SPCG PCL	58,900	32,444
Sri Trang Agro-Industry PCL	49,100	45,612
Srithai Superware PCL (A)	283,000	11,606
STP & I PCL (A)	21,600	4,128
Supalai PCL	151,900	103,107
Super Energy Corp. PCL	743,000	21,150
Syntec Construction PCL	156,500	9,130
Thai Oil PCL	85,600	126,671
Thai Stanley Electric PCL	700	3,669
Thai Union Group PCL	35,600	20,790
Thaicom PCL	79,400	26,848
Thanachart Capital PCL	37,300	42,106
The Siam Cement PCL	9,500	109,830
The Siam Commercial Bank PCL	42,400	160,940
Thitikorn PCL	100	27
TMBThanachart Bank PCL	1,334,352	58,613
TPI Polene PCL	559,900	28,824
TPI Polene Power PCL	283,200	35,256
True Corp. PCL	927,400	132,617
Univentures PCL	51,700	5,824
Vinythai PCL	9,700	11,171
		4,777,225

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Turkey - 0.5%		
Akbank TAS	217,215	\$ 117,307
Anadolu Efes Biracilik Ve Malt Sanayii AS	14,921	33,420
Arcelik AS	7,251	26,569
Dogan Sirketler Grubu Holding AS	52,374	10,876
EIS Eczacibasi Ilac ve Sinai ve Finansal Yatirimlar Sanayi ve Ticaret AS	30,810	17,410
Enka Insaat ve Sanayi AS	70,950	81,080
Eregli Demir ve Celik Fabrikalari TAS	66,873	142,268
Goldas Kuyumculuk Sanayi Ithalat Ve Bagli Ortakliklari (A)(D)	54,846	392
Gozde Girisim Sermayesi Yatirim Ortakligi AS (A)	28,775	19,773
GSD Holding AS (A)	78,125	17,629
KOC Holding AS	34,979	74,929
Koza Anadolu Metal Madencilik Isletmeleri AS (A)	15,600	21,256
NET Holding AS (A)	40,130	20,163
Sekerbank Turk AS (A)	178,589	13,680
Tekfen Holding AS	11,038	16,894
Turk Hava Yollari AO (A)	64,941	98,533
Turkiye Garanti Bankasi AS	204,338	173,902
Turkiye Halk Bankasi AS (A)	56,201	19,164
Turkiye Sinai Kalkinma Bankasi AS	141,027	15,380
Turkiye Sise ve Cam Fabrikalari AS	110,611	112,148
Turkiye Vakiflar Bankasi TAO, Class D (A)	91,535	25,373
Uzel Makina Sanayii AS (A)(D)	22,930	0
Vestel Elektronik Sanayi ve Ticaret AS	6,172	11,718
Yapi ve Kredi Bankasi AS	254,969	65,298
		1,135,162
Ukraine - 0.1%		
Kernel Holding SA	7,742	112,489
United Arab Emirates - 0.7%		
Abu Dhabi Commercial Bank PJSC	222,448	516,099
Agthia Group PJSC	5,450	7,632
Air Arabia PJSC (A)	3,024	1,191
Ajman Bank PJSC (A)	110,663	24,819
Aldar Properties PJSC	344,351	373,926
Amanat Holdings PJSC (A)	77,820	24,347
Dana Gas PJSC	87,037	25,027
Deyaar Development PJSC (A)	246,958	32,527
Dubai Investments PJSC	195,034	102,318
Emaar Development PJSC (A)	74,937	88,902
Emaar Properties PJSC	266,138	353,665
Emirates NBD Bank PJSC	32,397	119,418
Eshraq Investments PJSC (A)	223,571	21,613
National Central Cooling Company PJSC	14,445	9,947
RAK Properties PJSC (A)	77,735	16,250
Ras Al Khaimah Ceramics	24,868	19,269
SHUAA Capital PSC	76,875	14,290
		1,751,240
United States - 0.1%		
Bizlink Holding, Inc.	4,000	37,645
Nexteer Automotive Group, Ltd.	95,000	117,938
		155,583
TOTAL COMMON STOCKS (Cost \$232,391,166)		\$ 243,531,779
PREFERRED SECURITIES - 1.5%		
Brazil - 1.5%		
Banco ABC Brasil SA	9,841	27,950
Banco Bradesco SA	213,071	738,677
Banco do Estado do Rio Grande do Sul SA, B Shares	22,600	39,095
Cia Ferro Ligas da Bahia	5,956	52,209

John Hancock Variable Insurance Trust

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

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
Brazil (continued)		
Eucatex SA Industria e Comercio	4,200	\$ 6,627
Gerdaul SA	91,576	450,170
Marcopolo SA	55,200	30,115
Petroleo Brasileiro SA	445,844	2,264,953
Randon SA Implementos e Participacoes	11,172	21,704
Usinas Siderurgicas de Minas Gerais SA, A Shares	40,910	110,989
		3,742,489
Colombia - 0.0%		
Grupo Argos SA	23,975	54,796
Grupo de Inversiones Suramericana SA	11,343	62,025
		116,821
Philippines - 0.0%		
Cebu Air, Inc., 6.000%	15,189	13,343
South Korea - 0.0%		
Hyundai Engineering & Construction Company, Ltd.	101	6,250
Taiwan - 0.0%		
China Development Financial Holding Corp. (A)	42,273	14,653
TOTAL PREFERRED SECURITIES (Cost \$4,440,027)		\$ 3,893,556
RIGHTS - 0.0%		
Marisa Lojas SA (Expiration Date: 1-12-22; Strike Price: BRL 3.08) (A)	4,580	921
Waskita Karya Persero Tbk PT (Expiration Date: 1-13-22; Strike Price: IDR 620.00) (A)	758,656	692
TOTAL RIGHTS (Cost \$0)		\$ 1,613
WARRANTS - 0.0%		
MBK PCL (Expiration Date: 12-31-24; Strike Price: THB 3.00) (A)	1,947	611
TOTAL WARRANTS (Cost \$0)		\$ 611

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Mini MSCI Emerging Markets Index Futures	26	Long	Mar 2022	\$1,612,864	\$1,594,060	\$(18,804)
						\$(18,804)

[^] 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
COMMON STOCKS – 97.2%		
Communication services – 4.6%		
Diversified telecommunication services – 0.4%		
AT&T, Inc.	207,642	\$ 5,107,993

Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS - 0.8%		
Short-term funds - 0.8%		
John Hancock Collateral Trust, 0.1697% (F)(G)	194,200	\$ 1,942,586
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,942,889)		\$ 1,942,586
Total Investments (Emerging Markets Value Trust) (Cost \$238,774,082) - 99.6%		\$ 249,370,145
Other assets and liabilities, net - 0.4%		943,604
TOTAL NET ASSETS - 100.0%		\$ 250,313,749

Currency Abbreviations

BRL	Brazilian Real
IDR	Indonesian Rupiah
THB	Thai Bhat

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 12-31-21.
(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 12-31-21.
(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.

Equity Income Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Diversified telecommunication services (continued)		
Verizon Communications, Inc.	38,633	\$ 2,007,371
		7,115,364
Entertainment – 1.1%		
The Walt Disney Company (A)	114,596	17,749,774
Media – 3.1%		
Comcast Corp., Class A	497,731	25,050,801

John Hancock Variable Insurance Trust

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

Equity Income Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Media (continued)		
Fox Corp., Class B	268,859	\$ 9,213,798
News Corp., Class A	821,665	18,331,346
		<u>52,595,945</u>
		77,461,083
Consumer discretionary – 3.6%		
Automobiles – 1.0%		
Volkswagen AG, ADR	839,664	16,860,453
Hotels, restaurants and leisure – 0.7%		
Las Vegas Sands Corp. (A)	297,270	11,189,243
Leisure products – 0.6%		
Mattel, Inc. (A)	514,906	11,101,373
Multiline retail – 0.6%		
Kohl's Corp.	208,293	10,287,591
Specialty retail – 0.7%		
The TJX Companies, Inc.	155,253	11,786,808
		<u>61,225,468</u>
Consumer staples – 6.9%		
Beverages – 0.6%		
The Coca-Cola Company	155,237	9,191,583
Food and staples retailing – 0.4%		
Walmart, Inc.	43,171	6,246,412
Food products – 3.0%		
Conagra Brands, Inc.	517,370	17,668,186
Mondelez International, Inc., Class A	16,165	1,071,901
Tyson Foods, Inc., Class A	375,229	32,704,960
		<u>51,445,047</u>
Household products – 1.5%		
Kimberly-Clark Corp.	178,823	25,557,383
Tobacco – 1.4%		
Altria Group, Inc.	81,687	3,871,147
Philip Morris International, Inc.	211,948	20,135,060
		<u>24,006,207</u>
		116,446,632
Energy – 5.5%		
Energy equipment and services – 0.1%		
Halliburton Company	59,739	1,366,231
Oil, gas and consumable fuels – 5.4%		
Chevron Corp.	23,845	2,798,211
EOG Resources, Inc.	206,531	18,346,149
Exxon Mobil Corp.	222,609	13,621,445
Hess Corp.	15,834	1,172,191
Occidental Petroleum Corp.	114,542	3,320,573
Targa Resources Corp.	27,240	1,423,018
TC Energy Corp.	212,459	9,887,842
TotalEnergies SE	621,908	31,655,247
TotalEnergies SE, ADR	171,335	8,474,229
		<u>90,698,905</u>
		92,065,136
Financials – 22.6%		
Banks – 8.6%		
Bank of America Corp.	213,571	9,501,774
Citigroup, Inc.	79,000	4,770,810
Citizens Financial Group, Inc.	50,088	2,366,658
Fifth Third Bancorp	678,393	29,544,015
Huntington Bancshares, Inc.	1,128,000	17,393,760
JPMorgan Chase & Co.	62,031	9,822,609
The PNC Financial Services Group, Inc.	28,976	5,810,268

Equity Income Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Wells Fargo & Company	1,374,374	\$ 65,942,460
		<u>145,152,354</u>
Capital markets – 4.4%		
Franklin Resources, Inc.	58,805	1,969,379
Morgan Stanley	169,136	16,602,390
Raymond James Financial, Inc.	25,875	2,597,850
State Street Corp.	217,798	20,255,214
The Bank of New York Mellon Corp.	33,429	1,941,556
The Charles Schwab Corp.	117,845	9,910,765
The Goldman Sachs Group, Inc.	52,283	20,000,862
		<u>73,278,016</u>
Diversified financial services – 1.2%		
Equitable Holdings, Inc.	616,288	20,208,084
Insurance – 8.4%		
American International Group, Inc.	728,512	41,423,192
Chubb, Ltd.	167,801	32,437,611
Loews Corp.	481,251	27,797,058
Marsh & McLennan Companies, Inc.	15,357	2,669,354
MetLife, Inc.	485,893	30,363,454
The Hartford Financial Services Group, Inc.	112,400	7,760,096
		<u>142,450,765</u>
		381,089,219
Health care – 16.7%		
Biotechnology – 2.3%		
AbbVie, Inc.	242,367	32,816,492
Biogen, Inc. (A)	16,707	4,008,343
Gilead Sciences, Inc.	36,873	2,677,349
		<u>39,502,184</u>
Health care equipment and supplies – 3.5%		
Becton, Dickinson and Company	105,780	26,601,554
Medtronic PLC	203,458	21,047,730
Zimmer Biomet Holdings, Inc.	82,584	10,491,471
		<u>58,140,755</u>
Health care providers and services – 6.3%		
Anthem, Inc.	85,730	39,739,283
Cardinal Health, Inc.	149,300	7,687,457
Centene Corp. (A)	132,817	10,944,121
Cigna Corp.	73,905	16,970,805
CVS Health Corp.	222,346	22,937,213
UnitedHealth Group, Inc.	17,100	8,586,594
		<u>106,865,473</u>
Pharmaceuticals – 4.6%		
AstraZeneca PLC, ADR	112,258	6,539,029
GlaxoSmithKline PLC	85,962	1,871,629
Johnson & Johnson	118,548	20,280,006
Merck & Company, Inc.	165,794	12,706,452
Organon & Company	7,189	218,905
Pfizer, Inc.	376,479	22,231,085
Sanofi	95,952	9,628,203
Sanofi, ADR	95,700	4,794,570
		<u>78,269,879</u>
		282,778,291
Industrials – 10.6%		
Aerospace and defense – 2.3%		
L3Harris Technologies, Inc.	110,273	23,514,615

John Hancock Variable Insurance Trust

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

Equity Income Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
The Boeing Company (A)	75,058	\$ 15,110,677
		38,625,292
Air freight and logistics – 2.6%		
United Parcel Service, Inc., Class B	205,139	43,969,493
Airlines – 0.2%		
Southwest Airlines Company (A)	103,900	4,451,076
Commercial services and supplies – 0.8%		
Stericycle, Inc. (A)	228,977	13,656,188
Industrial conglomerates – 3.5%		
3M Company	18,400	3,268,392
General Electric Company	454,231	42,911,203
Siemens AG, ADR	149,250	12,925,050
		59,104,645
Machinery – 0.7%		
Flowserve Corp.	39,087	1,196,062
PACCAR, Inc.	87,035	7,681,709
Snap-on, Inc.	14,518	3,126,887
		12,004,658
Professional services – 0.5%		
Nielsen Holdings PLC	391,597	8,031,654
		179,843,006
Information technology – 9.2%		
Communications equipment – 0.6%		
Cisco Systems, Inc.	161,360	10,225,383
Electronic equipment, instruments and components – 0.3%		
TE Connectivity, Ltd.	31,553	5,090,761
IT services – 0.4%		
Fiserv, Inc. (A)	66,300	6,881,277
Semiconductors and semiconductor equipment – 5.5%		
Applied Materials, Inc.	114,023	17,942,659
NXP Semiconductors NV	29,924	6,816,089
QUALCOMM, Inc.	277,642	50,772,393
Texas Instruments, Inc.	95,691	18,034,883
		93,566,024
Software – 2.4%		
Citrix Systems, Inc.	136,885	12,947,952
Microsoft Corp.	80,949	27,224,768
		40,172,720
		155,936,165
Materials – 5.0%		
Chemicals – 3.5%		
Akzo Nobel NV	56,376	6,193,743
CF Industries Holdings, Inc.	413,499	29,267,459
DuPont de Nemours, Inc.	46,052	3,720,081
International Flavors & Fragrances, Inc.	123,807	18,651,525
RPM International, Inc.	16,300	1,646,300
		59,479,108
Containers and packaging – 1.5%		
International Paper Company	542,988	25,509,576
Paper and forest products – 0.0%		
Sylvamo Corp. (A)	1,253	34,946
		85,023,630
Real estate – 4.6%		
Equity real estate investment trusts – 4.6%		
Equity Residential	291,602	26,389,981
Rayonier, Inc.	338,234	13,651,124
Vornado Realty Trust	42,393	1,774,571
Welltower, Inc.	71,075	6,096,103

Equity Income Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Weyerhaeuser Company	734,996	\$ 30,267,135
		78,178,914
Utilities – 7.9%		
Electric utilities – 3.6%		
Entergy Corp.	37,313	4,203,309
NextEra Energy, Inc.	105,398	9,839,957
The Southern Company	632,641	43,386,520
Xcel Energy, Inc.	37,700	2,552,290
		59,982,076
Multi-utilities – 4.3%		
Ameren Corp.	119,879	10,670,430
Dominion Energy, Inc.	209,000	16,419,040
NiSource, Inc.	653,751	18,050,065
Sempra Energy	209,170	27,669,008
		72,808,543
		132,790,619
TOTAL COMMON STOCKS (Cost \$1,189,289,328)		\$ 1,642,838,163
PREFERRED SECURITIES – 1.4%		
Health care – 0.3%		
Health care equipment and supplies – 0.3%		
Becton, Dickinson and Company, 6.000% (B)	115,427	6,088,774
Utilities – 1.1%		
Electric utilities – 0.8%		
NextEra Energy, Inc., 5.279%	98,770	5,683,226
The Southern Company, 6.750%	134,102	7,207,983
		12,891,209
Multi-utilities – 0.3%		
NiSource, Inc., 7.750%	47,031	5,267,002
		18,158,211
TOTAL PREFERRED SECURITIES (Cost \$22,062,709)		\$ 24,246,985
SHORT-TERM INVESTMENTS – 1.4%		
Short-term funds – 1.4%		
John Hancock Collateral Trust, 0.1697% (C)(D)	614,764	6,149,481
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)	4,579,629	4,579,629
T. Rowe Price Government Reserve Fund, 0.0570% (C)	13,297,349	13,297,349
TOTAL SHORT-TERM INVESTMENTS (Cost \$24,026,399)		\$ 24,026,459
Total Investments (Equity Income Trust)		\$ 1,691,111,607
(Cost \$1,235,378,436) – 100.0%		
Other assets and liabilities, net – 0.0%		4,761
TOTAL NET ASSETS – 100.0%		\$ 1,691,116,368

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 12-31-21.
(C)	The rate shown is the annualized seven-day yield as of 12-31-21.
(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 — December 31, 2021 (showing percentage of total net assets)

Financial Industries Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 98.5%		
Financials – 94.7%		
Banks – 55.8%		
1st Source Corp.	21,579	\$ 1,070,318
American Business Bank (A)	27,647	1,091,780
Ameris Bancorp	36,024	1,789,672
Atlantic Union Bankshares Corp.	50,436	1,880,758
Bank of America Corp.	132,668	5,902,399
Bank of Marin Bancorp	33,633	1,252,157
BayCom Corp. (A)	37,730	707,815
Business First Bancshares, Inc.	34,109	965,626
California BanCorp (A)	27,567	552,443
Cambridge Bancorp	16,898	1,581,484
Central Valley Community Bancorp	25,555	530,777
Citizens Community Bancorp, Inc.	20,008	275,510
Citizens Financial Group, Inc.	105,362	4,978,355
Close Brothers Group PLC	87,372	1,666,431
Coastal Financial Corp. (A)	31,594	1,599,288
East West Bancorp, Inc.	66,849	5,259,679
Evans Bancorp, Inc.	16,798	676,959
Farmers & Merchants Bancorp, Inc.	8,008	262,903
Fifth Third Bancorp	137,537	5,989,736
First Horizon Corp.	91,220	1,489,623
First Merchants Corp.	39,604	1,659,012
German American Bancorp, Inc.	9,421	367,231
Glacier Bancorp, Inc.	17,271	979,266
HBT Financial, Inc.	41,534	777,932
Heritage Commerce Corp.	41,523	495,785
Heritage Financial Corp.	6,143	150,135
JPMorgan Chase & Co.	26,184	4,146,236
KeyCorp	250,967	5,804,867
Landmark Bancorp, Inc.	9,937	283,205
Level One Bancorp, Inc.	15,706	619,445
Limestone Bancorp, Inc. (A)	5,901	110,054
Live Oak Bancshares, Inc.	24,594	2,146,810
M&T Bank Corp.	26,211	4,025,485
Metrocity Bankshares, Inc.	14,106	388,338
Mid Penn Bancorp, Inc.	13,471	427,570
Nicolet Bankshares, Inc. (A)	21,159	1,814,384
Nordea Bank ABP (Nasdaq Stockholm Exchange)	217,407	2,652,049
Pacific Premier Bancorp, Inc.	7,632	305,509
Pinnacle Financial Partners, Inc.	49,259	4,704,235
Popular, Inc.	29,588	2,427,400
Shore Bancshares, Inc.	10,670	222,470
Southern First Bancshares, Inc. (A)	12,586	786,499
Stock Yards Bancorp, Inc.	35,344	2,257,775
SVB Financial Group (A)	8,949	6,069,563
Synovus Financial Corp.	109,898	5,260,817
The First Bancshares, Inc.	18,748	724,048
Third Coast Bancshares, Inc. (A)	16,135	419,187
TriCo Bancshares	50,733	2,179,490
U.S. Bancorp	63,058	3,541,968
Univest Financial Corp.	28,493	852,511
Western Alliance Bancorp	40,865	4,399,117
Zions Bancorp NA	70,575	4,457,517
		104,979,623
Capital markets – 17.0%		
AllianceBernstein Holding LP	49,892	2,436,725
Ameriprise Financial, Inc.	18,348	5,534,858
Ares Management Corp., Class A	45,463	3,694,778
Brookfield Asset Management, Inc., Class A	76,182	4,599,869
KKR & Company, Inc.	46,972	3,499,414
Morgan Stanley	59,607	5,851,023
Onex Corp.	38,028	2,984,640

Financial Industries Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Capital markets (continued)		
The Blackstone Group, Inc.	25,753	\$ 3,332,181
		31,933,488
Consumer finance – 5.5%		
American Express Company	30,166	4,935,158
Capital One Financial Corp.	20,717	3,005,830
Discover Financial Services	20,404	2,357,886
		10,298,874
Diversified financial services – 1.0%		
Eurazeo SE	20,968	1,829,359
Insurance – 14.2%		
American International Group, Inc.	91,401	5,197,061
Arthur J. Gallagher & Company	22,782	3,865,422
Chubb, Ltd.	14,057	2,717,359
Markel Corp. (A)	2,230	2,751,820
Marsh & McLennan Companies, Inc.	29,708	5,163,845
The Hartford Financial Services Group, Inc.	60,832	4,199,841
Unum Group	117,533	2,887,786
		26,783,134
Thriffs and mortgage finance – 1.2%		
ESSA Bancorp, Inc.	14,776	256,068
OP Bancorp	38,618	492,766
Premier Financial Corp.	43,710	1,351,076
Timberland Bancorp, Inc.	6,181	171,214
		2,271,124
		178,095,602
Real estate – 3.8%		
Equity real estate investment trusts – 3.1%		
Prologis, Inc.	20,399	3,434,376
Rexford Industrial Realty, Inc.	28,854	2,340,348
		5,774,724
Real estate management and development – 0.7%		
VGP NV	4,815	1,405,178
		7,179,902
TOTAL COMMON STOCKS (Cost \$146,399,639)		\$ 185,275,504
SHORT-TERM INVESTMENTS – 1.5%		
Repurchase agreement – 1.5%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$2,871,000 on 1-3-22, collateralized by \$2,958,300 U.S. Treasury Notes, 1.250% due 6-30-28 (valued at \$2,928,486)		
	\$ 2,871,000	2,871,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$2,871,000)		\$ 2,871,000
Total Investments (Financial Industries Trust) (Cost \$149,270,639) – 100.0%		\$ 188,146,504
Other assets and liabilities, net – (0.0%)		(84,660)
TOTAL NET ASSETS – 100.0%		\$ 188,061,844
Security Abbreviations and Legend		
(A)	Non-income producing security.	

John Hancock Variable Insurance Trust

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

Fundamental All Cap Core Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 99.3%		
Communication services – 17.1%		
Entertainment – 3.5%		
Liberty Media Corp.-Liberty Formula One, Series C (A)	1,343,033	\$ 84,933,407
Madison Square Garden Entertainment Corp. (A)	103,106	7,252,476
		92,185,883
Interactive media and services – 13.0%		
Alphabet, Inc., Class A (A)	59,526	172,449,203
CarGurus, Inc. (A)	1,412,951	47,531,672
Meta Platforms, Inc., Class A (A)	375,461	126,286,307
		346,267,182
Media – 0.6%		
Liberty Broadband Corp., Series A (A)	92,815	14,933,934
		453,386,999
Consumer discretionary – 19.5%		
Household durables – 6.6%		
Lennar Corp., A Shares	1,277,144	148,353,045
NVR, Inc. (A)	4,693	27,730,327
		176,083,372
Internet and direct marketing retail – 6.6%		
Amazon.com, Inc. (A)	52,152	173,892,500
Leisure products – 2.2%		
Polaris, Inc.	540,888	59,449,000
Specialty retail – 3.0%		
Dufry AG (A)	558,281	27,520,190
Group 1 Automotive, Inc.	265,702	51,870,344
		79,390,534
Textiles, apparel and luxury goods – 1.1%		
Salvatore Ferragamo SpA (A)	1,099,965	28,202,462
		517,017,868
Consumer staples – 8.6%		
Beverages – 4.0%		
Anheuser-Busch InBev SA/NV, ADR	356,318	21,575,055
Diageo PLC, ADR	109,796	24,170,491
Heineken NV	163,295	18,377,169
The Boston Beer Company, Inc., Class A (A)	84,206	42,532,451
		106,655,166
Food and staples retailing – 0.5%		
U.S. Foods Holding Corp. (A)	341,115	11,881,035
Food products – 4.1%		
Post Holdings, Inc. (A)	681,680	76,845,786
The Hain Celestial Group, Inc. (A)	776,662	33,093,568
		109,939,354
		228,475,555
Energy – 5.3%		
Oil, gas and consumable fuels – 5.3%		
Cheniere Energy, Inc.	739,707	75,021,084
Suncor Energy, Inc.	1,379,514	34,529,235
Valero Energy Corp.	409,038	30,722,844
		140,273,163
Financials – 13.8%		
Banks – 3.1%		
First Hawaiian, Inc.	3,044,687	83,211,296
Capital markets – 8.6%		
KKR & Company, Inc.	733,169	54,621,091
Morgan Stanley	1,125,422	110,471,424
Robinhood Markets, Inc., Class A (A)	443,963	7,884,783

Fundamental All Cap Core Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Capital markets (continued)		
The Goldman Sachs Group, Inc.	145,859	\$ 55,798,360
		228,775,658
Consumer finance – 2.1%		
American Express Company	228,251	37,341,864
Synchrony Financial	384,323	17,828,744
		55,170,608
		367,157,562
Health care – 7.4%		
Biotechnology – 3.5%		
Alnylam Pharmaceuticals, Inc. (A)	206,296	34,983,676
Moderna, Inc. (A)	230,150	58,453,497
		93,437,173
Health care equipment and supplies – 2.2%		
Hologic, Inc. (A)	756,529	57,919,860
Health care providers and services – 1.2%		
Anthem, Inc.	65,518	30,370,214
Health care technology – 0.5%		
Change Healthcare, Inc. (A)	650,922	13,916,712
		195,643,959
Industrials – 8.7%		
Electrical equipment – 1.7%		
Regal Rexnord Corp.	154,214	26,244,139
Sensata Technologies Holding PLC (A)	299,572	18,480,597
		44,724,736
Industrial conglomerates – 1.7%		
Roper Technologies, Inc.	92,975	45,730,684
Machinery – 1.3%		
Parker-Hannifin Corp.	107,990	34,353,779
Professional services – 2.5%		
IHS Markit, Ltd.	496,833	66,039,042
Trading companies and distributors – 1.5%		
United Rentals, Inc. (A)	120,977	40,199,447
		231,047,688
Information technology – 13.9%		
Semiconductors and semiconductor equipment – 4.6%		
Analog Devices, Inc.	143,080	25,149,172
NVIDIA Corp.	327,651	96,365,436
		121,514,608
Software – 4.2%		
salesforce.com, Inc. (A)	204,584	51,990,932
Workday, Inc., Class A (A)	219,423	59,941,975
		111,932,907
Technology hardware, storage and peripherals – 5.1%		
Apple, Inc.	619,997	110,092,867
Samsung Electronics Company, Ltd.	392,064	25,748,768
		135,841,635
		369,289,150
Materials – 1.3%		
Chemicals – 1.3%		
Axalta Coating Systems, Ltd. (A)	1,090,581	36,120,043
Real estate – 3.7%		
Equity real estate investment trusts – 3.1%		
American Tower Corp.	194,841	56,990,993

John Hancock Variable Insurance Trust

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

Fundamental All Cap Core Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Crown Castle International Corp.	117,424	\$ 24,511,086
		81,502,079
Real estate management and development – 0.6%		
Five Point Holdings LLC, Class A (A)	2,538,857	16,604,125
		98,106,204
TOTAL COMMON STOCKS (Cost \$1,346,256,393)		\$ 2,636,518,191
SHORT-TERM INVESTMENTS – 0.8%		
Repurchase agreement – 0.8%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$21,587,000 on 1-3-22, collateralized by \$22,243,000 U.S. Treasury Notes, 1.250% due 6-30-28 (valued at \$22,018,835)	\$ 21,587,000	21,587,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$21,587,000)		\$ 21,587,000
Total Investments (Fundamental All Cap Core Trust) (Cost \$1,367,843,393) – 100.1%		\$ 2,658,105,191
Other assets and liabilities, net – (0.1%)		(1,656,328)
TOTAL NET ASSETS – 100.0%		\$ 2,656,448,863

Security Abbreviations and Legend

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

Fundamental Large Cap Value Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 98.0%		
Communication services – 8.8%		
Entertainment – 1.0%		
Activision Blizzard, Inc.	128,467	\$ 8,546,910
Interactive media and services – 2.5%		
Alphabet, Inc., Class A (A)	6,976	20,209,751
Media – 5.3%		
Comcast Corp., Class A	687,743	34,614,105
Liberty Broadband Corp., Series A (A)	54,560	8,778,704
		43,392,809
		72,149,470
Consumer discretionary – 8.1%		
Household durables – 3.8%		
Lennar Corp., A Shares	269,386	31,291,878
Internet and direct marketing retail – 2.3%		
eBay, Inc.	285,688	18,998,252
Specialty retail – 2.0%		
CarMax, Inc. (A)	62,265	8,108,771
Group 1 Automotive, Inc.	41,431	8,088,160
		16,196,931
		66,487,061
Consumer staples – 9.1%		
Beverages – 2.9%		
Anheuser-Busch InBev SA/NV, ADR	215,540	13,050,947
Heineken Holding NV	121,876	11,237,556
		24,288,503
Food and staples retailing – 2.3%		
Walmart, Inc.	129,029	18,669,206
Food products – 3.9%		
Danone SA	217,834	13,540,443

Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food products (continued)		
Post Holdings, Inc. (A)	165,539	\$ 18,661,211
		32,201,654
		75,159,363
Energy – 9.9%		
Energy equipment and services – 0.4%		
ChampionX Corp. (A)	169,365	3,422,867
Oil, gas and consumable fuels – 9.5%		
Cheniere Energy, Inc.	332,796	33,752,170
Chevron Corp.	121,220	14,225,167
Kinder Morgan, Inc.	382,484	6,066,196
Suncor Energy, Inc.	634,892	15,891,347
Valero Energy Corp.	103,773	7,794,390
		77,729,270
		81,152,137
Financials – 21.6%		
Banks – 8.6%		
Bank of America Corp.	276,857	12,317,368
Citigroup, Inc.	327,194	19,759,246
JPMorgan Chase & Co.	102,714	16,264,762
Wells Fargo & Company	466,202	22,368,372
		70,709,748
Capital markets – 10.7%		
KKR & Company, Inc.	309,381	23,048,885
Morgan Stanley	154,865	15,201,548
Nasdaq, Inc.	90,090	18,919,801
State Street Corp.	201,843	18,771,399
The Goldman Sachs Group, Inc.	32,249	12,336,855
		88,278,488
Consumer finance – 1.2%		
American Express Company	60,472	9,893,219
Diversified financial services – 1.1%		
Berkshire Hathaway, Inc., Class B (A)	29,405	8,792,095
		177,673,550
Health care – 14.2%		
Biotechnology – 1.1%		
Gilead Sciences, Inc.	89,153	6,473,399
Moderna, Inc. (A)	9,873	2,507,545
		8,980,944
Health care equipment and supplies – 1.0%		
Hologic, Inc. (A)	110,548	8,463,555
Health care providers and services – 7.3%		
Anthem, Inc.	79,045	36,640,522
HCA Healthcare, Inc.	30,090	7,730,723
UnitedHealth Group, Inc.	30,432	15,281,124
		59,652,369
Life sciences tools and services – 1.9%		
Danaher Corp.	46,843	15,411,815
Pharmaceuticals – 2.9%		
GlaxoSmithKline PLC, ADR	306,794	13,529,615
Merck & Company, Inc.	138,107	10,584,520
		24,114,135
		116,622,818
Industrials – 14.0%		
Aerospace and defense – 6.8%		
General Dynamics Corp.	77,600	16,177,272
L3Harris Technologies, Inc.	55,309	11,794,091
Lockheed Martin Corp.	23,222	8,253,331

John Hancock Variable Insurance Trust

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

Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
Raytheon Technologies Corp.	227,901	\$ 19,613,160
		55,837,854
Machinery – 4.6%		
Fortive Corp.	111,656	8,518,236
Parker-Hannifin Corp.	91,912	29,239,045
		37,757,281
Trading companies and distributors – 2.6%		
United Rentals, Inc. (A)	64,422	21,406,786
		115,001,921
Information technology – 9.1%		
Electronic equipment, instruments and components – 1.5%		
Vontier Corp.	396,199	12,175,195
Semiconductors and semiconductor equipment – 1.0%		
Analog Devices, Inc.	47,754	8,393,721
Software – 5.4%		
Microsoft Corp.	66,716	22,437,925
Oracle Corp.	252,107	21,986,251
		44,424,176
Technology hardware, storage and peripherals – 1.2%		
Samsung Electronics Company, Ltd.	157,290	10,330,007
		75,323,099
Materials – 0.8%		
Chemicals – 0.8%		
LyondellBasell Industries NV, Class A	73,401	6,769,774
Real estate – 2.4%		
Equity real estate investment trusts – 2.4%		
American Tower Corp.	69,089	20,208,533
TOTAL COMMON STOCKS (Cost \$552,854,330)		\$ 806,547,726
SHORT-TERM INVESTMENTS – 2.3%		
Repurchase agreement – 2.3%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$19,292,000 on 1-3-22, collateralized by \$19,878,200 U.S. Treasury Notes, 1.250% due 6-30-28 (valued at \$19,677,868)	\$ 19,292,000	19,292,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$19,292,000)		\$ 19,292,000
Total Investments (Fundamental Large Cap Value Trust) (Cost \$572,146,330) – 100.3%		\$ 825,839,726 (2,793,902)
Other assets and liabilities, net – (0.3%)		
TOTAL NET ASSETS – 100.0%		\$ 823,045,824

Security Abbreviations and Legend

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

Global Equity Trust

	Shares or Principal Amount	Value
COMMON STOCKS - 97.7%		
France - 13.2%		
Air Liquide SA	53,022	\$ 9,247,255
Capgemini SE	25,200	6,176,025
Carrefour SA	295,512	5,417,761
Cie Generale des Etablissements Michelin SCA	31,933	5,230,116
Sanofi	96,340	9,667,129

Global Equity Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
France (continued)		
TotalEnergies SE	222,509	\$ 11,325,743
		47,064,029
Germany - 1.7%		
Deutsche Post AG	95,167	6,121,209
Ireland - 2.2%		
CRH PLC (London Stock Exchange)	147,862	7,834,582
Japan - 4.5%		
FANUC Corp.	32,771	6,965,869
Mitsubishi Estate Company, Ltd.	190,069	2,636,731
Sumitomo Mitsui Financial Group, Inc.	194,900	6,655,310
		16,257,910
Netherlands - 7.8%		
Akzo Nobel NV	46,774	5,138,816
ING Groep NV	407,424	5,664,411
Koninklijke Ahold Delhaize NV	203,858	6,995,655
Stellantis NV	531,909	10,041,680
		27,840,562
Switzerland - 4.4%		
Chubb, Ltd.	28,014	5,415,386
Roche Holding AG	25,328	10,507,606
		15,922,992
United Kingdom - 10.1%		
Associated British Foods PLC	246,371	6,744,130
AstraZeneca PLC	72,266	8,438,438
Ferguson PLC	32,539	5,779,782
Reckitt Benckiser Group PLC	62,598	5,388,650
RELX PLC	145,194	4,740,125
Unilever PLC	92,920	4,984,817
		36,075,942
United States - 53.8%		
Alphabet, Inc., Class A (A)	5,591	16,197,351
Apple, Inc.	78,034	13,856,497
Arthur J. Gallagher & Company	42,906	7,279,861
AutoZone, Inc. (A)	4,242	8,892,886
Bank of America Corp.	231,643	10,305,797
Cisco Systems, Inc.	131,663	8,343,484
Comcast Corp., Class A	134,810	6,784,987
Corteva, Inc.	183,305	8,666,660
Electronic Arts, Inc.	52,957	6,985,028
Huntington Bancshares, Inc.	410,938	6,336,664
Johnson & Johnson	59,005	10,093,985
Johnson Controls International PLC	65,038	5,288,240
Lennar Corp., A Shares	50,045	5,813,227
Meta Platforms, Inc., Class A (A)	7,555,037	15,363,459
Microsoft Corp.	28,970	9,743,190
Northrop Grumman Corp.	12,410	4,803,539
Philip Morris International, Inc.	135,724	12,893,780
Stanley Black & Decker, Inc.	28,895	5,450,175
T-Mobile US, Inc. (A)	53,603	6,216,876
UnitedHealth Group, Inc.	20,256	10,171,348
Waste Management, Inc.	43,310	7,228,439
Wells Fargo & Company	120,538	5,783,413
		192,498,886
TOTAL COMMON STOCKS (Cost \$280,271,429)		\$ 349,616,112
PREFERRED SECURITIES - 1.9%		
South Korea - 1.9%		
Samsung Electronics Company, Ltd.	111,065	6,640,096
TOTAL PREFERRED SECURITIES (Cost \$4,797,979)		\$ 6,640,096

John Hancock Variable Insurance Trust

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

Global Equity Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS - 1.2%		
Short-term funds - 1.2%		
Federated Government Obligations Fund, Institutional Class, 0.0300% (B)	4,395,441	\$ 4,395,441
TOTAL SHORT-TERM INVESTMENTS (Cost \$4,395,441)		\$ 4,395,441
Total Investments (Global Equity Trust) (Cost \$289,464,849) - 100.8%		\$ 360,651,649
Other assets and liabilities, net - (0.8%)		(2,939,282)
TOTAL NET ASSETS - 100.0%		\$ 357,712,367

Security Abbreviations and Legend

- (A) Non-income producing security.
(B) The rate shown is the annualized seven-day yield as of 12-31-21.

Health Sciences Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 98.6%		
Consumer discretionary – 0.7%		
Warby Parker, Inc., Class A (A)	48,065	\$ 2,237,906
Financials – 0.2%		
Capital markets – 0.2%		
BCLS Acquisition Corp., Class A (A)	12,029	118,606
Dynamics Special Purpose Corp., Class A (A)	18,789	185,260
Eucrates Biomedical Acquisition Corp. (A)	11,914	118,902
Health Sciences Acquisitions Corp. 2 (A)	13,354	133,540
Helix Acquisition Corp., Class A (A)	12,247	121,123
		677,431
Health care – 97.7%		
Biotechnology – 28.1%		
Aadi Bioscience, Inc. (A)	3,700	89,355
AbbVie, Inc.	46,643	6,315,462
Abcam PLC (A)	26,439	618,219
ACADIA Pharmaceuticals, Inc. (A)	23,708	553,345
Adagio Therapeutics, Inc. (A)	6,100	44,286
ADC Therapeutics SA (A)	19,326	390,385
Agiros Pharmaceuticals, Inc. (A)	8,938	293,792
Akero Therapeutics, Inc. (A)	4,936	104,396
Alector, Inc. (A)	11,904	245,818
Alkermes PLC (A)	3,287	76,456
Allakos, Inc. (A)	3,100	30,349
Allogene Therapeutics, Inc. (A)	18,074	269,664
Alnylam Pharmaceuticals, Inc. (A)	21,834	3,702,610
Amgen, Inc.	10,308	2,318,991
Annexon, Inc. (A)	16,751	192,469
Apellis Pharmaceuticals, Inc. (A)	21,739	1,027,820
Arcutis Biotherapeutics, Inc. (A)	5,800	120,292
Argenx SE, ADR (A)	14,579	5,105,420
Ascendis Pharma A/S, ADR (A)	14,965	2,013,241
Avidity Biosciences, Inc. (A)	20,231	480,891
BeiGene, Ltd., ADR (A)	4,485	1,215,121
Bicycle Therapeutics PLC, ADR (A)	6,391	389,020
Biogen, Inc. (A)	6,345	1,522,292
BioNTech SE, ADR (A)	20,380	5,253,964
Blueprint Medicines Corp. (A)	13,364	1,431,418
Burning Rock Biotech, Ltd., ADR (A)	9,445	90,011
C4 Therapeutics, Inc. (A)	22,317	718,607
Celldex Therapeutics, Inc. (A)	13,022	503,170
Centessa Pharmaceuticals PLC, ADR (A)	18,009	202,781
Cerevel Therapeutics Holdings, Inc. (A)	29,170	945,691
CRISPR Therapeutics AG (A)	4,552	344,951

Health Sciences Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
CureVac NV (A)	7,486	\$ 256,845
Cytokinetics, Inc. (A)	1,600	72,928
Day One Biopharmaceuticals, Inc. (A)	8,112	136,687
Denali Therapeutics, Inc. (A)	25,147	1,121,556
Design Therapeutics, Inc. (A)	13,731	293,981
Enanta Pharmaceuticals, Inc. (A)	4,200	314,076
Entrada Therapeutics, Inc. (A)	11,328	193,935
EQRx, Inc. (A)	22,514	153,545
Exact Sciences Corp. (A)	21,357	1,662,215
Exelixis, Inc. (A)	72,356	1,322,668
Excelsior PLC (A)	4,147	81,945
Fate Therapeutics, Inc. (A)	20,672	1,209,519
Frontier Acquisition Corp. (A)	12,607	124,557
F-star Therapeutics, Inc. (A)	12,596	63,232
Generation Bio Company (A)	31,607	223,778
Genmab A/S (A)	3,987	1,591,423
Ginkgo Bioworks Holdings, Inc. (A)	104,300	866,733
Global Blood Therapeutics, Inc. (A)	6,332	185,338
Ideaya Biosciences, Inc. (A)	14,847	350,983
IGM Biosciences, Inc. (A)	6,866	201,380
Imago Biosciences, Inc. (A)	12,479	295,877
Immuneering Corp., Class A (A)	23,271	376,292
Immunocore Holdings PLC, ADR (A)	5,762	197,291
Incyte Corp. (A)	37,491	2,751,839
Insmed, Inc. (A)	42,782	1,165,382
Intellia Therapeutics, Inc. (A)	7,017	829,690
Invitae Corp. (A)	12,344	188,493
Ionis Pharmaceuticals, Inc. (A)	24,058	732,085
Iovance Biotherapeutics, Inc. (A)	28,633	546,604
IVERIC bio, Inc. (A)	46,124	771,193
Karuna Therapeutics, Inc. (A)	7,771	1,018,001
Kodiak Sciences, Inc. (A)	24,412	2,069,649
Kronos Bio, Inc. (A)	7,495	101,857
Kymera Therapeutics, Inc. (A)	13,525	858,702
LianBio, ADR (A)	30,782	189,617
Lyell Immunopharma, Inc. (A)	32,649	252,703
MeiraGTx Holdings PLC (A)	10,086	239,442
Mirati Therapeutics, Inc. (A)	12,786	1,875,578
Moderna, Inc. (A)	20,712	5,260,434
Monte Rosa Therapeutics, Inc. (A)	21,606	441,195
Morphic Holding, Inc. (A)	4,583	217,143
Neurocrine Biosciences, Inc. (A)	6,765	576,175
Novavax, Inc. (A)	2,476	354,241
Nurix Therapeutics, Inc. (A)	15,120	437,724
Orion Acquisition Corp. (A)	12,953	127,587
Pardes Biosciences, Inc. (A)	16,438	269,090
Prelude Therapeutics, Inc. (A)	3,938	49,028
Progenics Pharmaceuticals, Inc. (A)(B)	21,900	935
Protagonist Therapeutics, Inc. (A)	8,019	274,250
Prothena Corp. PLC (A)	16,560	818,064
PTC Therapeutics, Inc. (A)	9,074	361,417
RAPT Therapeutics, Inc. (A)	13,742	504,744
Recursion Pharmaceuticals, Inc., Class A (A)	10,414	178,392
Regeneron Pharmaceuticals, Inc. (A)	7,374	4,656,828
REGENXBIO, Inc. (A)	4,300	140,610
Relay Therapeutics, Inc. (A)	17,071	524,250
Repare Therapeutics, Inc. (A)	6,100	128,649
Replimune Group, Inc. (A)	22,880	620,048
Revolution Healthcare Acquisition Corp. (A)	31,883	314,048
REVOLUTION Medicines, Inc. (A)	15,300	385,101
Rocket Pharmaceuticals, Inc. (A)	8,094	176,692
Rubius Therapeutics, Inc. (A)	12,530	121,290
Sage Therapeutics, Inc. (A)	7,887	335,513

John Hancock Variable Insurance Trust

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

Health Sciences Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Sana Biotechnology, Inc. (A)	7,446	\$ 115,264
Sarepta Therapeutics, Inc. (A)	4,368	393,338
Scholar Rock Holding Corp. (A)	17,412	432,514
Seagen, Inc. (A)	17,989	2,781,099
SpringWorks Therapeutics, Inc. (A)	5,481	339,712
Stoke Therapeutics, Inc. (A)	8,627	206,962
Tenaya Therapeutics, Inc. (A)	12,198	231,152
Turning Point Therapeutics, Inc. (A)	9,894	471,944
Twist Bioscience Corp. (A)	6,477	501,255
Ultragenyx Pharmaceutical, Inc. (A)	27,510	2,313,316
uniQure NV (A)	10,600	219,844
Vertex Pharmaceuticals, Inc. (A)	23,912	5,251,075
Vir Biotechnology, Inc. (A)	7,100	297,277
Xencor, Inc. (A)	17,555	704,307
Zai Lab, Ltd., ADR (A)	8,301	521,718
Zentalis Pharmaceuticals, Inc. (A)	18,642	1,567,047
Zymeworks, Inc. (A)	8,723	142,970
		95,262,148
Health care equipment and supplies – 15.9%		
Alcon, Inc.	10,044	885,935
AtriCure, Inc. (A)	5,862	407,585
Becton, Dickinson and Company	19,629	4,936,301
DexCom, Inc. (A)	4,926	2,645,016
Hologic, Inc. (A)	51,507	3,943,376
Inari Medical, Inc. (A)	3,430	313,056
Insulet Corp. (A)	5,579	1,484,405
Intuitive Surgical, Inc. (A)	38,376	13,788,497
iRhythm Technologies, Inc. (A)	7,605	895,032
Lantheus Holdings, Inc. (A)	18,533	535,418
Nevro Corp. (A)	4,319	350,141
Novocure, Ltd. (A)	10,720	804,858
Ortho Clinical Diagnostics Holdings PLC (A)	67,405	1,441,793
Outset Medical, Inc. (A)	11,304	521,001
Penumbra, Inc. (A)	10,080	2,896,186
PROCEPT BioRobotics Corp. (A)	9,903	247,674
Quidel Corp. (A)	8,384	1,131,756
Shockwave Medical, Inc. (A)	15,493	2,762,867
STERIS PLC	3,763	915,952
Stryker Corp.	29,730	7,950,397
Teleflex, Inc.	6,914	2,271,111
The Cooper Companies, Inc.	3,546	1,485,561
Zimmer Biomet Holdings, Inc.	8,131	1,032,962
		53,646,880
Health care providers and services – 18.3%		
Agiliti, Inc. (A)	31,358	726,251
agilon health, Inc. (A)	16,632	449,064
Alignment Healthcare, Inc. (A)	30,079	422,911
Anthem, Inc.	14,934	6,922,506
Centene Corp. (A)	75,925	6,256,220
Cigna Corp.	14,966	3,436,643
Guardant Health, Inc. (A)	12,694	1,269,654
HCA Healthcare, Inc.	19,041	4,892,014
Humana, Inc.	14,822	6,875,333
Molina Healthcare, Inc. (A)	12,174	3,872,306
Oak Street Health, Inc. (A)	7,898	261,740
Option Care Health, Inc. (A)	28,246	803,316
Surgery Partners, Inc. (A)	16,076	858,619
UnitedHealth Group, Inc.	49,784	24,998,537
		62,045,114
Health care technology – 2.4%		
Certara, Inc. (A)	17,771	505,052
Definitive Healthcare Corp. (A)	11,013	300,985
Doximity, Inc., Class A (A)	54,693	2,741,760

Health Sciences Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care technology (continued)		
MultiPlan Corp. (A)	35,600	\$ 157,708
Phreesia, Inc. (A)	21,520	896,523
Schrodinger, Inc. (A)	4,954	172,548
Sema4 Holdings Corp. (A)	23,688	105,648
Sophia Genetics SA (A)	20,504	289,106
Veeva Systems, Inc., Class A (A)	12,043	3,076,746
		8,246,076
Life sciences tools and services – 18.9%		
10X Genomics, Inc., Class A (A)	9,307	1,386,371
Adaptive Biotechnologies Corp. (A)	29,813	836,553
Agilent Technologies, Inc.	38,273	6,110,284
Avantor, Inc. (A)	80,712	3,401,204
Berkeley Lights, Inc. (A)	6,931	126,006
Bio-Techne Corp.	2,300	1,189,882
Bruker Corp.	37,100	3,113,061
Danaher Corp.	42,335	13,928,638
Evotec SE (A)	16,612	801,925
Lonza Group AG	1,486	1,237,226
Maravai LifeSciences Holdings, Inc., Class A (A)	16,748	701,741
MaxCyte, Inc. (A)	7,547	76,904
MaxCyte, Inc. (London Stock Exchange) (A)	11,231	114,335
Mettler-Toledo International, Inc. (A)	883	1,498,636
Olink Holding AB, ADR (A)	29,231	532,004
Pacific Biosciences of California, Inc. (A)	54,894	1,123,131
Quanterix Corp. (A)	10,589	448,974
Quantum-Si, Inc. (A)	31,200	245,544
Rapid Micro Biosystems, Inc., Class A (A)	10,992	116,955
Repligen Corp. (A)	2,555	676,666
Seer, Inc. (A)	46,916	1,070,154
SomaLogic, Inc. (A)	67,026	780,183
Thermo Fisher Scientific, Inc.	24,977	16,665,653
Waters Corp. (A)	2,305	858,843
West Pharmaceutical Services, Inc.	13,215	6,197,967
Wuxi Biologics Cayman, Inc. (A)(C)	57,500	680,736
		63,919,576
Pharmaceuticals – 14.1%		
Arvinas, Inc. (A)	11,123	913,643
AstraZeneca PLC, ADR	125,782	7,326,802
Atea Pharmaceuticals, Inc. (A)	4,587	41,008
Catalent, Inc. (A)	14,481	1,854,002
Daiichi Sankyo Company, Ltd.	25,000	636,285
DICE Therapeutics, Inc. (A)	9,328	236,092
Eisai Company, Ltd.	6,800	386,021
Elanco Animal Health, Inc. (A)	19,393	550,373
Eli Lilly & Company	36,675	10,130,369
Longboard Pharmaceuticals, Inc. (A)	8,689	42,055
Merck & Company, Inc.	73,030	5,597,019
Merck KGaA	7,966	2,049,310
Pfizer, Inc.	226,298	13,362,897
Reata Pharmaceuticals, Inc., Class A (A)	2,957	77,976
Roche Holding AG	7,704	3,196,090
Royalty Pharma PLC, Class A	30,049	1,197,453
Theseus Pharmaceuticals, Inc. (A)	16,751	212,403
		47,809,798
		330,929,592
TOTAL COMMON STOCKS (Cost \$217,109,215)		\$ 333,844,929
PREFERRED SECURITIES – 0.7%		
Health care – 0.7%		
Health care equipment and supplies – 0.7%		
Sartorius AG	3,704	2,505,163
TOTAL PREFERRED SECURITIES (Cost \$552,485)		\$ 2,505,163

John Hancock Variable Insurance Trust

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

Health Sciences Trust (continued)

	Shares or Principal Amount	Value
WARRANTS – 0.0%		
EQRx, Inc. (Expiration Date: 12-20-26; Strike Price: \$11.50) (A)	4,502	\$ 4,682
Sema4 Holdings Corp. (Expiration Date: 9-24-27; Strike Price: \$11.50) (A)	4,862	4,765
SomaLogic, Inc. (Expiration Date: 8-31-26; Strike Price: \$11.50) (A)	2,050	6,888
TOTAL WARRANTS (Cost \$29,139)		\$ 16,335
SHORT-TERM INVESTMENTS – 0.5%		
Short-term funds – 0.5%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (D)	626,852	626,852
T. Rowe Price Government Reserve Fund, 0.0570% (D)	938,393	938,393
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,565,245)		\$ 1,565,245
Total Investments (Health Sciences Trust) (Cost \$219,256,084) – 99.8%		\$ 337,931,672
Other assets and liabilities, net – 0.2%		681,207
TOTAL NET ASSETS – 100.0%		\$ 338,612,879

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.
(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 12-31-21.

International Equity Index Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 96.8%		
Australia – 4.5%		
Afterpay, Ltd. (A)	7,435	\$ 448,829
Ampol, Ltd.	9,411	203,211
APA Group	39,169	286,551
Aristocrat Leisure, Ltd.	21,040	667,441
ASX, Ltd.	6,626	447,812
Aurizon Holdings, Ltd.	61,567	156,418
AusNet Services, Ltd.	86,871	162,508
Australia & New Zealand Banking Group, Ltd.	96,280	1,928,612
BHP Group PLC	71,227	2,119,334
BHP Group, Ltd. (B)	97,792	2,952,502
BlueScope Steel, Ltd.	18,252	278,641
Brambles, Ltd.	50,212	388,455
Cochlear, Ltd.	2,361	370,559
Coles Group, Ltd.	45,471	593,308
Commonwealth Bank of Australia	60,047	4,414,119
Computershare, Ltd.	20,019	291,419
Crown Resorts, Ltd. (A)	14,067	122,451
CSL, Ltd.	15,989	3,381,670
Dexus	39,487	319,286
Domino's Pizza Enterprises, Ltd.	1,999	171,577
Endeavour Group, Ltd.	43,228	212,135
Evolution Mining, Ltd.	56,369	167,234
Fortescue Metals Group, Ltd.	58,162	817,567
Goodman Group	57,212	1,102,862

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
IDP Education, Ltd.	6,944	\$ 174,935
Insurance Australia Group, Ltd.	88,042	272,844
Lendlease Corp., Ltd.	25,385	197,661
Macquarie Group, Ltd.	11,780	1,760,931
Magellan Financial Group, Ltd. (B)	4,563	70,510
Medibank Private, Ltd.	99,625	242,646
Mirvac Group	141,329	299,161
MMG, Ltd. (A)	148,000	47,608
National Australia Bank, Ltd.	110,955	2,329,727
Newcrest Mining, Ltd.	28,639	512,926
Northern Star Resources, Ltd.	39,419	271,098
Orica, Ltd.	15,709	156,654
Origin Energy, Ltd.	58,812	224,455
Qantas Airways, Ltd. (A)	30,851	112,540
QBE Insurance Group, Ltd.	49,235	406,569
Ramsay Health Care, Ltd.	6,659	346,068
REA Group, Ltd.	1,952	238,029
Reece, Ltd.	9,597	188,736
Rio Tinto, Ltd.	12,705	927,110
Santos, Ltd.	110,431	508,696
Scentre Group	177,637	408,631
SEEK, Ltd.	11,910	283,930
Sonic Healthcare, Ltd.	16,282	552,224
South32, Ltd.	112,851	330,041
South32, Ltd. (London Stock Exchange)	48,980	143,988
Stockland	87,409	269,657
Suncorp Group, Ltd.	43,155	347,444
Sydney Airport (A)	47,614	300,609
Tabcorp Holdings, Ltd.	82,609	301,796
Telstra Corp., Ltd.	142,464	432,975
The GPT Group	71,628	282,442
Transurban Group	104,007	1,044,674
Treasury Wine Estates, Ltd.	26,341	237,499
Vicinity Centres	148,057	182,085
Washington H. Soul Pattinson & Company, Ltd.	7,202	155,221
Wesfarmers, Ltd.	37,640	1,624,027
Westpac Banking Corp.	121,785	1,889,308
WiseTech Global, Ltd.	5,291	224,398
Woodside Petroleum, Ltd.	33,065	527,120
Woolworths Group, Ltd.	43,228	1,194,972
		42,026,446
Austria – 0.1%		
Erste Group Bank AG	11,010	516,153
OMV AG	5,543	313,472
Raiffeisen Bank International AG	4,926	144,679
Verbund AG	2,442	274,442
voestalpine AG	4,357	158,086
		1,406,832
Belgium – 0.5%		
Ageas SA/NV	6,383	330,558
Anheuser-Busch InBev SA/NV	26,526	1,599,249
Elia Group SA/NV	1,076	141,823
Etablissements Franz Colruyt NV	2,769	117,495
Groupe Bruxelles Lambert SA	3,809	425,415
KBC Group NV	8,597	738,664
Proximus SADP (B)	5,996	117,100
Sofina SA	537	263,778
Solvay SA	2,881	334,933
UCB SA	4,152	473,851
Umicore SA	6,530	266,387
		4,809,253
Brazil – 0.8%		
Ambev SA	157,730	441,364

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Brazil (continued)		
Americanas SA (A)	13,014	\$ 73,335
Atacadao SA	13,900	37,955
B3 SA - Brasil Bolsa Balcao	206,421	411,064
Banco Bradesco SA	46,659	135,251
Banco BTG Pactual SA	37,204	139,741
Banco do Brasil SA	28,713	148,400
Banco Inter SA	3,823	19,439
Banco Santander Brasil SA	14,000	75,304
BB Seguridade Participacoes SA	24,400	90,320
BRF SA (A)	19,720	79,943
CCR SA	40,100	83,252
Centrais Eletricas Brasileiras SA	9,400	57,302
Centrais Eletricas Brasileiras SA, ADR	1,429	8,574
Cia Brasileira de Distribuicao, ADR (B)	628	2,506
Cia de Saneamento Basico do Estado de Sao Paulo	11,270	82,300
Cia Siderurgica Nacional SA, ADR	11,800	52,392
Cosan SA	40,344	158,508
Energisa SA	6,100	48,509
Engie Brasil Energia SA	7,275	50,129
Equatorial Energia SA	30,700	124,489
Hapvida Participacoes e Investimentos SA (C)	38,400	71,280
Hypera SA	10,908	55,221
JBS SA	34,073	232,482
Klabin SA	24,000	110,369
Localiza Rent a Car SA	20,227	191,909
Lojas Renner SA	32,186	139,289
Magazine Luiza SA	94,607	121,947
Natura & Company Holding SA (A)	26,929	124,172
Notre Dame Intermedica Participacoes SA	17,255	186,280
Petroleo Brasileiro SA	124,329	684,692
Raia Drogasil SA	35,900	156,298
Rede D'Or Sao Luiz SA (C)	13,400	107,628
Rumo SA (A)	45,451	144,668
Sendas Distribuidora SA	24,690	57,591
Suzano SA (A)	22,263	240,465
Suzano SA, ADR (A)	3,164	34,171
Telefonica Brasil SA	9,652	83,790
Telefonica Brasil SA, ADR (B)	6,017	52,047
TIM SA	28,020	66,371
TOTVS SA	17,746	90,187
Ultrapar Participacoes SA	25,400	67,348
Vale SA	137,550	1,916,527
Via S/A (A)	44,400	41,671
Vibra Energia SA	44,000	168,707
WEG SA	56,116	330,532
		<u>7,795,719</u>
Canada - 7.4%		
Agnico Eagle Mines, Ltd.	8,536	453,404
Air Canada (A)	5,400	90,203
Algonquin Power & Utilities Corp.	20,729	299,394
Alimentation Couche-Tard, Inc.	29,500	1,236,017
AltaGas, Ltd.	11,500	248,283
Ballard Power Systems, Inc. (A)	7,500	94,213
Bank of Montreal	21,498	2,314,568
Barrick Gold Corp.	40,477	769,573
Barrick Gold Corp. (London Stock Exchange)	20,657	383,065
BCE, Inc.	2,424	126,110
BlackBerry, Ltd. (A)	21,000	196,229
Brookfield Asset Management, Inc., Class A	46,972	2,836,627
CAE, Inc. (A)	10,400	262,353
Cameco Corp.	13,200	287,803

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
Canadian Apartment Properties REIT	2,900	\$ 137,463
Canadian Imperial Bank of Commerce	15,200	1,771,801
Canadian National Railway Company	24,000	2,948,037
Canadian Natural Resources, Ltd.	40,360	1,705,397
Canadian Pacific Railway, Ltd.	31,000	2,229,638
Canadian Tire Corp., Ltd., Class A	2,100	301,217
Canadian Utilities, Ltd., Class A	4,600	133,423
Canopy Growth Corp. (A)(B)	8,000	69,821
CCL Industries, Inc., Class B	5,400	289,562
Cenovus Energy, Inc.	43,859	537,771
CGI, Inc. (A)	7,900	698,537
Constellation Software, Inc.	700	1,298,753
Dollarama, Inc.	10,100	505,499
Emera, Inc.	8,900	444,807
Empire Company, Ltd., Class A	6,200	188,899
Enbridge, Inc.	68,500	2,675,667
Fairfax Financial Holdings, Ltd.	900	442,718
First Quantum Minerals, Ltd.	20,154	482,281
FirstService Corp.	1,500	294,794
Fortis, Inc.	16,404	791,443
Franco-Nevada Corp.	6,438	890,362
George Weston, Ltd.	2,799	324,520
GFL Environmental, Inc.	6,400	241,995
Gildan Activewear, Inc.	7,300	309,498
Great-West Lifeco, Inc.	9,900	297,090
Hydro One, Ltd. (C)	11,900	309,600
iA Financial Corp., Inc.	3,600	205,991
IGM Financial, Inc.	3,000	108,194
Imperial Oil, Ltd.	8,630	311,238
Intact Financial Corp.	6,100	792,887
Ivanhoe Mines, Ltd., Class A (A)	19,900	162,353
Keyera Corp.	8,500	191,711
Kinross Gold Corp.	45,229	262,446
Kirkland Lake Gold, Ltd.	8,700	364,589
Lightspeed Commerce, Inc. (A)	3,200	129,219
Loblaw Companies, Ltd.	6,140	503,063
Lundin Mining Corp.	22,100	172,614
Magna International, Inc.	9,800	792,940
Manulife Financial Corp. (D)	66,100	1,259,869
Metro, Inc.	8,257	439,433
National Bank of Canada	11,500	876,762
Northland Power, Inc.	8,100	243,010
Nutrien, Ltd.	19,490	1,464,966
Nuvei Corp. (A)(C)	1,900	123,167
Onex Corp.	2,700	211,910
Open Text Corp.	9,700	460,404
Pan American Silver Corp.	7,300	182,132
Parkland Corp.	5,400	148,431
Pembina Pipeline Corp.	18,998	576,270
Power Corp. of Canada	19,412	641,465
Quebecor, Inc., Class B	6,400	144,448
Restaurant Brands International, Inc.	10,046	609,137
RioCan Real Estate Investment Trust	6,300	114,251
Ritchie Brothers Auctioneers, Inc.	3,800	232,545
Rogers Communications, Inc., Class B	12,200	580,897
Royal Bank of Canada	48,200	5,115,499
Saputo, Inc.	9,100	205,028
Shaw Communications, Inc., Class B	16,926	513,688
Shopify, Inc., Class A (A)	3,800	5,232,161
Sun Life Financial, Inc.	20,000	1,113,246
Suncor Energy, Inc.	52,235	1,306,959
TC Energy Corp.	33,397	1,553,220
Teck Resources, Ltd., Class B	16,161	465,430
TELUS Corp.	14,509	341,692
TFI International, Inc.	2,800	314,033

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
The Bank of Nova Scotia	40,200	\$ 2,845,891
The Toronto-Dominion Bank	61,572	4,720,544
Thomson Reuters Corp.	5,954	712,014
TMX Group, Ltd.	2,000	202,775
Toromont Industries, Ltd.	2,800	253,139
Tourmaline Oil Corp.	10,300	332,544
West Fraser Timber Company, Ltd.	3,076	293,460
Wheaton Precious Metals Corp.	15,183	651,514
WSP Global, Inc.	3,800	551,638
		68,949,252
Chile - 0.1%		
Antofagasta PLC	13,250	240,980
Banco Santander Chile, ADR	5,508	89,725
Cencosud SA	61,383	102,641
Enel Americas SA, ADR	14,968	81,426
Enel Chile SA, ADR (B)	18,222	32,982
Sociedad Quimica y Minera de Chile SA, ADR	4,430	223,405
		771,159
China - 8.1%		
360 DigiTech, Inc., ADR	2,900	66,497
3SBio, Inc. (A)(C)	40,500	33,751
51job, Inc., ADR (A)	900	44,037
AAC Technologies Holdings, Inc.	27,342	107,760
AECC Aviation Power Company, Ltd., Class A	3,600	35,852
Agile Group Holdings, Ltd.	54,000	29,313
Agora, Inc., ADR (A)	2,400	38,904
Agricultural Bank of China, Ltd., Class A	165,700	76,441
Agricultural Bank of China, Ltd., H Shares	934,000	321,331
Aier Eye Hospital Group Company, Ltd., Class A	11,596	77,006
Air China, Ltd., H Shares (A)	84,534	59,039
Airtac International Group	4,185	153,668
Alibaba Group Holding, Ltd., ADR (A)	334,827	7,483,780
A-Living Smart City Services Company, Ltd. (C)	15,500	26,480
Aluminum Corp. of China, Ltd., A Shares (A)	29,100	27,965
Aluminum Corp. of China, Ltd., H Shares (A)	131,220	72,303
Anhui Conch Cement Company, Ltd., Class A	8,900	56,340
Anhui Conch Cement Company, Ltd., H Shares	44,290	221,528
Anhui Gujing Distillery Company, Ltd., B Shares	3,600	51,232
Anhui Gujing Distillery Company, Ltd., Class A	900	34,450
ANTA Sports Products, Ltd.	37,000	555,678
Autohome, Inc., ADR	2,100	61,908
AVIC Industry-Finance Holdings Company, Ltd., Class A	20,000	12,459
AviChina Industry & Technology Company, Ltd., H Shares	72,000	49,813
Baidu, Inc., ADR (A)	9,500	1,413,505
Bank of Beijing Company, Ltd., Class A	47,000	32,747
Bank of China, Ltd., Class A	78,100	37,377
Bank of China, Ltd., H Shares	2,682,563	965,096
Bank of Communications Company, Ltd., Class A	87,300	63,169
Bank of Communications Company, Ltd., H Shares	292,527	176,836
Bank of Hangzhou Company, Ltd., Class A	11,400	22,936
Bank of Jiangsu Company, Ltd., Class A	33,410	30,568

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Bank of Nanjing Company, Ltd., Class A	13,600	\$ 19,115
Bank of Ningbo Company, Ltd., Class A	13,750	82,575
Bank of Shanghai Company, Ltd., Class A	31,610	35,360
Baoshan Iron & Steel Company, Ltd., Class A	41,300	46,554
BeiGene, Ltd., ADR (A)	1,500	406,395
Beijing Capital International Airport Company, Ltd., H Shares (A)	52,789	32,351
Beijing Shunxin Agriculture Company, Ltd., Class A	1,700	10,188
Beijing Yuanliu Hongyuan Electronic Technology Company, Ltd., Class A	6,700	188,505
Bilibili, Inc., ADR (A)(B)	5,800	269,120
BOE Technology Group Company, Ltd., Class A	75,300	59,673
BYD Company, Ltd., Class A	4,000	168,039
BYD Company, Ltd., H Shares	26,105	882,985
BYD Electronic International Company, Ltd.	22,500	82,362
CanSino Biologics, Inc., Class A (A)	254	11,942
CanSino Biologics, Inc., H Shares (A)(B)(C)	2,400	55,487
CGN Power Company, Ltd., H Shares (C)	317,000	96,372
Changchun High & New Technology Industry Group, Inc., Class A	800	34,094
China Bohai Bank Company, Ltd., H Shares (C)	83,000	31,909
China Cinda Asset Management Company, Ltd., H Shares	304,800	55,517
China CITIC Bank Corp., Ltd., H Shares	310,800	134,816
China Communications Services Corp., Ltd., H Shares	129,600	63,161
China Conch Venture Holdings, Ltd.	57,900	283,203
China Construction Bank Corp., Class A	15,400	14,162
China Construction Bank Corp., H Shares	3,209,914	2,224,300
China Eastern Airlines Corp., Ltd., Class A (A)	15,800	12,806
China Everbright Bank Company, Ltd., Class A	88,600	46,151
China Everbright Bank Company, Ltd., H Shares	120,000	42,492
China Evergrande Group (B)	65,959	13,464
China Feihe, Ltd. (C)	119,000	159,662
China Galaxy Securities Company, Ltd., H Shares	129,500	74,433
China Greatwall Technology Group Company, Ltd., Class A	6,500	14,448
China Hongqiao Group, Ltd.	57,000	60,246
China Huarong Asset Management Company, Ltd., H Shares (A)(C)(E)	351,700	18,402
China Huishan Dairy Holdings Company, Ltd. (A)(E)	225,000	0
China International Capital Corp., Ltd., H Shares (C)	36,800	101,558
China Lesso Group Holdings, Ltd.	36,000	51,756
China Life Insurance Company, Ltd., Class A	4,500	21,241
China Life Insurance Company, Ltd., H Shares	248,624	412,137
China Literature, Ltd. (A)(C)	10,200	64,182
China Longyuan Power Group Corp., Ltd., H Shares	99,000	231,246
China Medical System Holdings, Ltd.	48,300	80,739
China Meidong Auto Holdings, Ltd.	18,000	92,770

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
China Merchants Bank Company, Ltd., Class A	45,900	\$ 350,887
China Merchants Bank Company, Ltd., H Shares	131,823	1,025,527
China Merchants Securities Company, Ltd., Class A	16,510	45,729
China Merchants Shekou Industrial Zone Holdings Company, Ltd., Class A	17,600	36,886
China Minsheng Banking Corp., Ltd., Class A	78,880	48,278
China Minsheng Banking Corp., Ltd., H Shares (B)	194,496	74,369
China Molybdenum Company, Ltd., Class A	28,400	24,921
China Molybdenum Company, Ltd., H Shares	129,000	68,143
China National Building Material Company, Ltd., H Shares	138,000	169,428
China National Nuclear Power Company, Ltd., Class A	20,900	27,218
China Oilfield Services, Ltd., H Shares	56,000	49,123
China Pacific Insurance Group Company, Ltd., Class A	14,000	59,572
China Pacific Insurance Group Company, Ltd., H Shares	94,100	255,658
China Petroleum & Chemical Corp., Class A	56,700	37,652
China Petroleum & Chemical Corp., H Shares	819,361	381,676
China Railway Group, Ltd., Class A	30,000	27,271
China Railway Group, Ltd., H Shares	126,000	66,674
China Resources Mixc Lifestyle Services, Ltd. (C)	19,000	88,659
China Shenhua Energy Company, Ltd., Class A	9,800	34,665
China Shenhua Energy Company, Ltd., H Shares	113,500	265,622
China Southern Airlines Company, Ltd., Class A (A)	13,800	14,757
China Southern Airlines Company, Ltd., H Shares (A)	64,000	38,345
China State Construction Engineering Corp., Ltd., Class A	93,340	73,267
China Tourism Group Duty Free Corp., Ltd., Class A	4,300	148,236
China Tower Corp., Ltd., H Shares (C)	1,496,000	165,064
China Vanke Company, Ltd., Class A	21,600	67,016
China Vanke Company, Ltd., H Shares	56,900	132,495
China Yangtze Power Company, Ltd., Class A	48,900	174,093
Chinasoft International, Ltd. (A)	86,000	112,148
Chongqing Zhifei Biological Products Company, Ltd., Class A	3,100	60,582
CIFI Ever Sunshine Services Group, Ltd.	22,000	34,167
CIFI Holdings Group Company, Ltd.	140,161	84,314
CITIC Securities Company, Ltd., Class A	21,900	90,791
CITIC Securities Company, Ltd., H Shares	75,500	197,196
CITIC, Ltd.	207,967	205,750
Contemporary Amperex Technology Company, Ltd., Class A	4,900	451,362
COSCO SHIPPING Holdings Company, Ltd., H Shares (A)(B)	119,600	231,899
Country Garden Holdings Company, Ltd.	270,117	239,884
Country Garden Services Holdings Company, Ltd.	59,000	354,231

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
CRRC Corp., Ltd., H Shares	145,000	\$ 62,335
CSC Financial Company, Ltd., Class A	6,200	28,463
CSPC Pharmaceutical Group, Ltd.	303,120	330,064
Dali Foods Group Company, Ltd. (C)	73,000	38,243
Daqo New Energy Corp., ADR (A)	2,500	100,800
DiDi Global, Inc., ADR (A)	13,000	64,740
Dongfeng Motor Group Company, Ltd., H Shares	91,220	75,831
Dongyue Group, Ltd.	49,000	76,542
East Money Information Company, Ltd., Class A	21,456	125,081
Ecovacs Robotics Company, Ltd., Class A	2,300	54,475
ENN Energy Holdings, Ltd.	26,600	501,456
Eve Energy Company, Ltd., Class A	4,181	77,558
Everbright Securities Company, Ltd., Class A	8,700	20,397
Flat Glass Group Company, Ltd., H Shares	23,000	117,085
Focus Media Information Technology Company, Ltd., Class A	32,700	42,081
Foshan Haitian Flavouring & Food Company, Ltd., Class A	7,800	128,528
Fosun International, Ltd.	85,000	91,741
Founder Securities Company, Ltd., Class A	13,200	16,253
Foxconn Industrial Internet Company, Ltd., Class A	6,400	11,971
Fuyao Glass Industry Group Company, Ltd., Class A	4,500	33,252
Fuyao Glass Industry Group Company, Ltd., H Shares (C)	16,800	86,881
Ganfeng Lithium Company, Ltd., H Shares (C)	8,600	135,420
GCL System Integration Technology Company, Ltd., Class A (A)	60,900	36,358
GDS Holdings, Ltd., ADR (A)	3,400	160,344
Gemdale Corp., Class A	7,300	14,872
Genscript Biotech Corp. (A)	28,000	123,884
GF Securities Company, Ltd., Class A	13,200	50,941
GF Securities Company, Ltd., H Shares	47,800	91,155
Gigadevice Semiconductor Beijing, Inc., Class A	1,372	37,871
GoerTek, Inc., Class A	5,200	44,205
GOME Retail Holdings, Ltd. (A)	386,127	32,699
Great Wall Motor Company, Ltd., H Shares	104,500	359,001
Greenland Holdings Corp., Ltd., Class A	13,755	9,369
Greentown China Holdings, Ltd. (B)	29,000	46,751
Greentown Service Group Company, Ltd.	48,000	44,322
Guangdong Haid Group Company, Ltd., Class A	3,500	40,251
Guangzhou Automobile Group Company, Ltd., H Shares	100,310	98,998
Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., Class A	2,300	12,349
Guangzhou R&F Properties Company, Ltd., H Shares (B)	43,600	16,224
Guosen Securities Company, Ltd., Class A	6,600	11,894
Guotai Junan Securities Company, Ltd., Class A	16,700	46,895
Haidilao International Holding, Ltd. (C)	26,000	58,780
Haier Smart Home Company, Ltd., Class A	13,600	63,799
Haier Smart Home Company, Ltd., H Shares	65,400	276,598
Haitian International Holdings, Ltd.	21,000	58,337
Haitong Securities Company, Ltd., Class A	18,000	34,638

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Haitong Securities Company, Ltd., H Shares	113,200	\$ 100,358
Hangzhou First Applied Material Company, Ltd., Class A	2,800	57,292
Hangzhou Silan Microelectronics Company, Ltd., Class A	2,600	22,127
Hangzhou Tigermed Consulting Company, Ltd., A Shares	1,700	34,099
Hangzhou Tigermed Consulting Company, Ltd., H Shares (C)	4,100	52,022
Hansoh Pharmaceutical Group Company, Ltd. (C)	40,000	97,669
Hello Group, Inc., ADR	5,200	46,696
Henan Shuanghui Investment & Development Company, Ltd., Class A	4,400	21,782
Hengan International Group Company, Ltd.	25,000	128,798
Hengli Petrochemical Company, Ltd., Class A	9,500	34,266
HengTen Networks Group, Ltd. (A)	156,000	59,146
Hithink RoyalFlush Information Network Company, Ltd., Class A	900	20,414
Hua Hong Semiconductor, Ltd. (A)(C)	17,000	93,889
Huadong Medicine Company, Ltd., Class A	2,800	17,688
Hualan Biological Engineering, Inc., Class A	4,030	18,405
Huaneng Power International, Inc., H Shares	149,436	99,805
Huatai Securities Company, Ltd., Class A	16,400	45,718
Huatai Securities Company, Ltd., H Shares (C)	48,800	81,287
Huaxia Bank Company, Ltd., Class A	28,500	25,047
Huayu Automotive Systems Company, Ltd., Class A	5,100	22,649
Huazhu Group, Ltd., ADR (A)	6,400	238,976
Hundsun Technologies, Inc., Class A	2,366	23,107
Hygeia Healthcare Holdings Company, Ltd. (C)	11,400	71,402
Iflytek Company, Ltd., Class A	9,600	79,093
I-Mab, ADR (A)	1,100	52,129
Industrial & Commercial Bank of China, Ltd., Class A	120,000	87,174
Industrial & Commercial Bank of China, Ltd., H Shares	2,051,735	1,157,350
Industrial Bank Company, Ltd., Class A	46,200	137,995
Industrial Securities Company, Ltd., Class A	14,900	23,131
Ingenic Semiconductor Company, Ltd., Class A	2,800	58,930
Inner Mongolia BaoTou Steel Union Company, Ltd., Class A (A)	48,800	21,403
Inner Mongolia Yili Industrial Group Company, Ltd., Class A	13,600	88,519
Innovent Biologics, Inc. (A)(C)	33,000	204,348
Inspur Electronic Information Industry Company, Ltd., Class A	3,248	18,279
iQIYI, Inc., ADR (A)	12,000	54,720
JA Solar Technology Company, Ltd., Class A	3,200	46,476
JD Health International, Inc. (A)(C)	9,550	75,335
JD.com, Inc., ADR (A)	29,100	2,039,037
Jiangsu Expressway Company, Ltd., H Shares	41,145	42,140
Jiangsu Hengli Hydraulic Company, Ltd., Class A	2,960	37,952

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Jiangsu Hengrui Medicine Company, Ltd., Class A	14,198	\$ 113,128
Jiangsu King's Luck Brewery JSC, Ltd., Class A	2,800	23,903
Jiangsu Yanghe Brewery Joint-Stock Company, Ltd., Class A	3,400	88,007
Jiangxi Copper Company, Ltd., H Shares	39,075	62,775
Jinxin Fertility Group, Ltd. (A)(C)	44,000	49,190
Jiumaojiu International Holdings, Ltd. (C)	22,000	38,685
Kanzhun, Ltd., ADR (A)	2,300	80,224
KE Holdings, Inc., ADR (A)	11,800	237,416
Kingdee International Software Group Company, Ltd. (A)	81,000	249,331
Kingsoft Cloud Holdings, Ltd., ADR (A)	2,600	40,950
Kingsoft Corp., Ltd.	29,000	127,552
Kuaishou Technology (A)(B)(C)	15,900	147,416
Kweichow Moutai Company, Ltd., Class A	2,500	803,395
KWG Group Holdings, Ltd.	45,000	29,471
Lenovo Group, Ltd.	257,436	295,868
Lens Technology Company, Ltd., Class A	7,300	26,331
Lepu Medical Technology Beijing Company, Ltd., Class A	4,000	14,219
Li Auto, Inc., ADR (A)	19,000	609,900
Li Ning Company, Ltd.	77,500	850,178
Lingyi iTech Guangdong Company, Class A (A)	12,700	14,686
Logan Group Company, Ltd.	48,000	36,694
Longfor Group Holdings, Ltd. (C)	60,100	283,477
LONGi Green Energy Technology Company, Ltd., Class A	10,760	145,584
Luxshare Precision Industry Company, Ltd., Class A	15,495	119,675
Luzhou Laojiao Company, Ltd., Class A	3,300	131,533
Mango Excellent Media Company, Ltd., Class A	3,300	29,625
Maxscend Microelectronics Company, Ltd., Class A	900	46,199
Meinian Onehealth Healthcare Holdings Company, Ltd., Class A (A)	8,300	10,231
Meituan, Class B (A)(C)	136,000	3,932,779
Metallurgical Corp. of China, Ltd., A Shares	28,700	17,291
Microport Scientific Corp.	25,019	91,194
Ming Yuan Cloud Group Holdings, Ltd. (A)	13,000	29,649
Minth Group, Ltd.	26,000	114,540
Muyuan Foods Company, Ltd., Class A	9,282	77,811
NARI Technology Company, Ltd., Class A	12,360	77,719
NAURA Technology Group Company, Ltd., Class A	3,200	174,405
NetEase, Inc., ADR	14,000	1,424,920
New China Life Insurance Company, Ltd., Class A	4,600	28,074
New China Life Insurance Company, Ltd., H Shares	29,500	78,931
New Hope Liuhe Company, Ltd., Class A (A)	6,800	16,235
New Oriental Education & Technology Group, Inc., ADR (A)	51,000	107,100
NIO, Inc., ADR (A)	45,200	1,431,936
Noah Holdings, Ltd., ADR (A)	1,000	30,690
Nongfu Spring Company, Ltd., H Shares (C)	58,600	387,068
Orient Securities Company, Ltd., Class A	9,600	22,242
Perfect World Company, Ltd., Class A	4,350	13,867

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
PetroChina Company, Ltd., Class A	36,000	\$ 27,778
PetroChina Company, Ltd., H Shares	712,261	315,457
Pharmaron Beijing Company, Ltd., H Shares (C)	4,200	64,859
PICC Property & Casualty Company, Ltd., H Shares	252,363	206,292
Pinduoduo, Inc., ADR (A)	14,600	851,180
Ping An Bank Company, Ltd., Class A	38,200	98,763
Ping An Healthcare and Technology Company, Ltd. (A)(C)	17,400	63,425
Ping An Insurance Group Company of China, Ltd., Class A	24,100	190,702
Ping An Insurance Group Company of China, Ltd., H Shares	210,290	1,515,375
Poly Developments and Holdings Group Company, Ltd., Class A	26,500	65,020
Postal Savings Bank of China Company, Ltd., H Shares (C)	331,000	232,444
Power Construction Corp. of China, Ltd., Class A	20,500	26,003
Raytron Technology Company, Ltd., Class A	2,601	32,107
RLX Technology, Inc., ADR (A)(B)	24,900	97,110
Rongsheng Petrochemical Company, Ltd., Class A	13,950	39,802
SAIC Motor Corp., Ltd., Class A	17,300	56,035
Sangfor Technologies, Inc., Class A	700	20,991
Sany Heavy Industry Company, Ltd., Class A	18,600	66,588
SDIC Capital Company, Ltd., Class A	11,856	15,301
SDIC Power Holdings Company, Ltd., Class A	10,900	19,621
Seazen Group, Ltd. (A)	64,000	43,288
Seazen Holdings Company, Ltd., Class A	5,000	22,880
SF Holding Company, Ltd., Class A	3,600	38,969
Shaanxi Coal Industry Company, Ltd., Class A	13,400	25,696
Shandong Gold Mining Company, Ltd., Class A	5,880	17,388
Shandong Gold Mining Company, Ltd., H Shares (B)(C)	21,500	36,893
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	80,000	99,736
Shanghai Fosun Pharmaceutical Group Company, Ltd., Class A	3,200	24,546
Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	17,500	77,048
Shanghai International Airport Company, Ltd., Class A (A)	1,600	11,709
Shanghai International Port Group Company, Ltd., Class A	13,700	11,785
Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., B Shares	39,240	35,768
Shanghai M&G Stationery, Inc., Class A	2,000	20,240
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	31,100	59,014
Shanghai Pudong Development Bank Company, Ltd., Class A	65,300	87,403
Shanxi Xinghuacun Fen Wine Factory Company, Ltd., Class A	1,960	97,049
Shengyi Technology Company, Ltd., Class A	5,100	18,839
Shennan Circuits Company, Ltd., Class A	1,120	21,409
Shenwan Hongyuan Group Company, Ltd., Class A	36,200	29,086

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Shenzhen Goodix Technology Company, Ltd., Class A	800	\$ 13,543
Shenzhen Inovance Technology Company, Ltd., Class A	5,550	59,799
Shenzhen Kangtai Biological Products Company, Ltd., Class A	1,400	21,624
Shenzhen Mindray Bio-Medical Electronics Company, Ltd., Class A	700	41,834
Shenzhen Overseas Chinese Town Company, Ltd., Class A	13,200	14,590
Shenzhen Sunway Communication Company, Ltd., Class A	2,200	8,748
Shenzhou International Group Holdings, Ltd.	27,000	522,819
Sichuan Chuantou Energy Company, Ltd., Class A	9,800	19,221
Silergy Corp.	3,000	542,989
Sinopharm Group Company, Ltd., H Shares	42,800	93,152
Sinotruk Hong Kong, Ltd.	24,500	37,722
Smoores International Holdings, Ltd. (C)	59,000	301,280
Songcheng Performance Development Company, Ltd., Class A	5,760	12,956
Sunac China Holdings, Ltd.	87,000	131,608
Sunac Services Holdings, Ltd. (C)	36,000	36,746
Sungrow Power Supply Company, Ltd., Class A	9,100	208,255
Suning.com Company, Ltd., Class A (A)	20,700	13,382
Sunny Optical Technology Group Company, Ltd.	23,800	753,855
TAL Education Group, ADR (A)	12,800	50,304
TCL Technology Group Corp., Class A	21,800	21,115
Tencent Holdings, Ltd.	191,600	11,180,075
Tencent Music Entertainment Group, ADR (A)	25,200	172,620
The People's Insurance Company Group of China, Ltd., H Shares	265,000	80,248
Thunder Software Technology Company, Ltd., Class A	8,300	180,096
Tianjin Zhonghuan Semiconductor Company, Ltd., Class A	27,000	176,760
Tingyi Cayman Islands Holding Corp.	76,000	156,301
Tongcheng Travel Holdings, Ltd. (A)	28,800	53,386
Tongwei Company, Ltd., Class A	6,200	43,728
Topsports International Holdings, Ltd. (C)	41,000	41,526
TravelSky Technology, Ltd., H Shares	31,000	52,107
Trip.com Group, Ltd., ADR (A)	16,000	393,920
Tsingtao Brewery Company, Ltd., H Shares	12,000	112,294
Unigroup Guoxin Microelectronics Company, Ltd., Class A	1,200	42,365
Uni-President China Holdings, Ltd.	46,000	44,590
Unisplendour Corp., Ltd., Class A	5,320	19,091
Vipshop Holdings, Ltd., ADR (A)	15,300	128,520
VNET Group, Inc., ADR (A)	4,400	39,732
Walvax Biotechnology Company, Ltd., Class A	3,400	29,901
Wanhua Chemical Group Company, Ltd., Class A	7,000	110,884
Want Want China Holdings, Ltd.	163,000	149,600
Weibo Corp., ADR (A)	1,890	58,552
Weichai Power Company, Ltd., Class A	9,600	26,919
Weichai Power Company, Ltd., H Shares	64,720	126,930
Weimob, Inc. (A)(C)	53,000	53,673

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Wens Foodstuffs Group Company, Ltd., Class A	14,160	\$ 42,831
Will Semiconductor Company, Ltd., Class A	3,100	151,138
Wuhu Sanqi Interactive Entertainment Network Technology Group Company, Ltd., Class A	4,700	19,930
Wuliangye Yibin Company, Ltd., Class A	8,600	300,410
WUS Printed Circuit Kunshan Company, Ltd., Class A	4,180	10,886
WuXi AppTec Company, Ltd., Class A	5,544	103,186
WuXi AppTec Company, Ltd., H Shares (C)	11,006	190,165
Wuxi Biologics Cayman, Inc. (A)(C)	119,500	1,414,749
Wuxi Shangji Automation Company, Ltd., Class A	1,100	28,795
Xiaomi Corp., Class B (A)(C)	477,000	1,156,277
Xinjiang Goldwind Science & Technology Company, Ltd., Class A	7,700	19,913
Xinjiang Goldwind Science & Technology Company, Ltd., H Shares (B)	22,200	43,340
Xinyi Solar Holdings, Ltd.	172,835	293,430
XPeng, Inc., ADR (A)	12,800	644,224
Yadea Group Holdings, Ltd. (C)	34,000	66,263
Yankuang Energy Group Company, Ltd., H Shares (B)	49,990	99,356
Yihai International Holding, Ltd. (A)(B)	16,000	73,987
Yonghui Superstores Company, Ltd., Class A	10,200	6,480
Yonyou Network Technology Company, Ltd., Class A	5,200	29,277
Yum China Holdings, Inc.	12,700	632,968
Yunda Holding Company, Ltd., Class A	3,120	10,021
Yunnan Baiyao Group Company, Ltd., Class A	2,800	46,007
Zai Lab, Ltd., ADR (A)	2,300	144,555
Zhangzhou Pientzhuang Pharmaceutical Company, Ltd., Class A	1,000	68,703
Zhejiang Chint Electrics Company, Ltd., Class A	4,800	40,576
Zhejiang Dahua Technology Company, Ltd., Class A	4,800	17,691
Zhejiang Expressway Company, Ltd., H Shares	49,718	44,310
Zhejiang Jingsheng Mechanical & Electrical Company, Ltd., Class A	2,600	28,333
Zhejiang Longsheng Group Company, Ltd., Class A	7,200	14,281
Zhejiang NHU Company, Ltd., Class A	5,760	28,126
Zhejiang Sanhua Intelligent Controls Company, Ltd., Class A	8,060	31,999
Zhejiang Supor Company, Ltd., Class A	1,200	11,725
ZhongAn Online P&C Insurance Company, Ltd., H Shares (A)(C)	12,500	43,549
Zhongsheng Group Holdings, Ltd.	20,000	156,066
Zhuzhou CRRC Times Electric Company, Ltd.	18,000	104,333
Zijin Mining Group Company, Ltd., Class A	27,800	42,431
Zijin Mining Group Company, Ltd., H Shares	193,469	231,058
Zoomlion Heavy Industry Science and Technology Company, Ltd., Class A	14,300	16,102
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	44,800	28,221

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
ZTE Corp., Class A	7,600	\$ 39,943
ZTE Corp., H Shares	25,887	70,931
ZTO Express Cayman, Inc., ADR	15,400	434,588
		75,771,834
Colombia - 0.0%		
Bancolombia SA, ADR	3,847	121,527
Ecopetrol SA, ADR	9,500	122,455
		243,982
Czech Republic - 0.1%		
CEZ AS	6,817	258,015
Komerční banka AS	3,440	147,080
Moneta Money Bank AS (C)	17,731	76,016
		481,111
Denmark - 1.7%		
A.P. Moller - Maersk A/S, Series A	107	354,979
A.P. Moller - Maersk A/S, Series B	207	738,848
Ambu A/S, Class B (B)	5,684	150,022
Carlsberg A/S, Class B	3,581	618,252
Chr. Hansen Holding A/S	3,557	280,471
Coloplast A/S, B Shares	4,136	728,247
Danske Bank A/S	26,235	452,921
Demant A/S (A)	5,000	256,031
DSV A/S	6,786	1,581,330
Genmab A/S (A)	2,265	904,082
GN Store Nord A/S	4,458	279,721
Novo Nordisk A/S, B Shares	56,014	6,291,822
Novozymes A/S, B Shares	7,019	576,329
Orsted A/S (C)	6,586	843,450
Pandora A/S	3,372	419,446
Rockwool International A/S, B Shares	272	118,776
Tryg A/S	13,079	322,759
Vestas Wind Systems A/S	34,230	1,042,480
		15,959,966
Egypt - 0.0%		
Commercial International Bank Egypt SAE (A)	68,774	231,465
Finland - 0.8%		
Elisa OYJ	5,862	360,958
Fortum OYJ	16,798	515,201
Kesko OYJ, B Shares	9,211	307,010
Kone OYJ, B Shares	11,833	849,120
Neste OYJ	14,709	723,914
Nokia OYJ (A)	123,099	779,670
Nokia OYJ (Euronext Paris Exchange) (A)	56,247	356,533
Nordea Bank ABP	1,569	19,224
Nordea Bank ABP (Nasdaq Stockholm Exchange)	109,335	1,333,728
Orion OYJ, Class B	3,379	140,359
Sampo OYJ, A Shares	15,885	795,013
Stora Enso OYJ, R Shares	20,482	375,913
UPM-Kymmene OYJ	19,972	759,906
Wartsila OYJ ABP	15,222	213,500
		7,530,049
France - 7.1%		
Accor SA (A)	6,145	199,180
Aéroports de Paris (A)	1,190	153,514
Air Liquide SA	15,910	2,774,769
Airbus SE (A)	19,831	2,537,251
Alstom SA	10,563	375,097
Amundi SA (C)	2,415	199,200
Arkema SA	2,540	358,507
AXA SA	66,841	1,989,404
BioMerieux	1,432	203,655

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
France (continued)		
BNP Paribas SA	37,933	\$ 2,622,724
Bolloré SA	32,561	182,132
Bouygues SA	8,158	292,024
Bureau Veritas SA	10,297	341,849
Capgemini SE	5,409	1,325,640
Carrefour SA	20,604	377,743
Cie de Saint-Gobain	18,075	1,271,513
Cie Generale des Etablissements Michelin SCA	5,963	976,644
CNP Assurances	6,491	160,556
Covivio	2,169	178,044
Credit Agricole SA	41,519	591,949
Danone SA	21,340	1,326,481
Dassault Aviation SA	980	105,994
Dassault Systemes SE	22,830	1,354,853
Edenred	8,717	402,536
Eiffage SA	3,075	317,044
Electricite de France SA	24,054	282,906
Engie SA	63,119	934,500
EssilorLuxottica SA	9,828	2,092,152
Eurazeo SE	1,144	99,809
Faurecia SE	3,556	169,180
Faurecia SE (Borsa Italiana Exchange)	633	29,487
Gecina SA	1,814	253,834
Getlink SE	14,784	244,857
Hermes International	1,094	1,911,626
Ipsen SA	1,496	136,898
Kering SA	2,546	2,042,786
Kleppierre SA (A)	8,046	190,386
La Francaise des Jeux SAEM (C)	2,992	132,599
Legrand SA	9,225	1,080,441
L'Oreal SA	8,487	4,046,705
LVMH Moët Hennessy Louis Vuitton SE	9,234	7,631,279
Orange SA	68,945	736,482
Orpea SA	1,800	180,519
Pernod Ricard SA	7,039	1,693,425
Publicis Groupe SA	7,580	510,695
Remy Cointreau SA	930	226,054
Renault SA (A)	7,048	244,497
Safran SA	11,283	1,381,300
Sanofi	38,211	3,834,240
Sartorius Stedim Biotech	961	527,786
Schneider Electric SE	17,545	3,449,264
Schneider Electric SE (Euronext London Exchange)	623	123,360
SEB SA	1,019	158,792
Societe Generale SA	27,239	936,169
Sodexo SA	3,211	281,502
Suez SA	11,179	252,010
Teleperformance	2,029	907,117
Thales SA	4,046	344,179
TotalEnergies SE	85,421	4,347,942
Ubisoft Entertainment SA (A)	3,042	148,389
Unibail-Rodamco-Westfield (Euronext Amsterdam Exchange) (A)	3,595	251,575
Unibail-Rodamco-Westfield, CHESSE Depository Interest (A)	27,093	94,107
Valeo	7,694	232,023
Veolia Environnement SA	21,555	791,583
Vinci SA	17,915	1,892,087
Vivendi SE	23,492	317,774
Wendel SE	1,176	140,915
Worldline SA (A)(C)	8,074	449,400
		66,350,934

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Germany - 5.2%		
adidas AG	6,334	\$ 1,823,843
Allianz SE	13,687	3,228,195
BASF SE	30,975	2,173,989
Bayer AG	32,613	1,741,673
Bayerische Motoren Werke AG	11,166	1,117,070
Bechtle AG	2,763	196,614
Beiersdorf AG	3,796	389,109
Brenntag SE	5,855	528,728
Carl Zeiss Meditec AG, Bearer Shares	1,435	301,029
Commerzbank AG (A)	37,723	285,396
Continental AG (A)	3,710	389,792
Covestro AG (C)	7,081	435,821
Daimler AG	28,412	2,170,793
Daimler Truck Holding AG (A)	14,206	522,243
Delivery Hero SE (A)(C)	5,213	577,029
Deutsche Bank AG (A)	68,610	854,538
Deutsche Boerse AG	6,408	1,069,971
Deutsche Lufthansa AG (A)	19,844	138,947
Deutsche Post AG	32,906	2,116,537
Deutsche Telekom AG	112,403	2,076,924
E.ON SE	78,119	1,085,653
Evonik Industries AG	6,743	217,836
Fresenius Medical Care AG & Company KGaA	7,798	505,530
Fresenius SE & Company KGaA	15,294	614,717
GEA Group AG	5,093	278,176
Hannover Rueck SE	2,322	440,243
HeidelbergCement AG	5,549	375,539
HelloFresh SE (A)	5,483	420,206
Henkel AG & Company KGaA	3,884	302,762
Infineon Technologies AG	43,352	1,995,857
KION Group AG	2,693	294,145
Knorr-Bremse AG	2,408	237,825
LANXESS AG	3,216	198,873
LEG Immobilien SE	2,555	356,225
Merck KGaA	4,441	1,142,478
MTU Aero Engines AG	1,791	363,651
Muenchener Rueckversicherungs-Gesellschaft AG	4,871	1,437,960
Nemetschek SE	2,010	257,006
Puma SE	3,505	428,045
Rational AG	173	176,938
RWE AG	21,604	875,319
SAP SE	35,216	4,956,277
Scout24 SE (C)	3,211	224,212
Siemens AG	25,893	4,484,736
Siemens Energy AG (A)	13,485	344,060
Siemens Healthineers AG (C)	9,063	675,729
Symrise AG	4,417	653,250
Telefonica Deutschland Holding AG	32,281	89,541
Uniper SE	3,043	144,482
United Internet AG	4,503	178,527
Volkswagen AG	1,264	369,510
Vonovia SE	25,841	1,423,894
Zalando SE (A)(C)	7,670	617,867
		48,305,310
Greece - 0.1%		
Alpha Services and Holdings SA (A)	74,045	90,743
Eurobank Ergasias Services and Holdings SA (A)	85,715	86,838
FF Group (A)(E)	1,869	3,192
Hellenic Telecommunications Organization SA	8,503	157,085
JUMBO SA	5,651	81,082
OPAP SA	9,360	132,570

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Greece (continued)		
Public Power Corp. SA (A)	6,989	\$ 74,992
		626,502
Hong Kong - 2.3%		
AIA Group, Ltd.	404,000	4,077,510
Alibaba Health Information Technology, Ltd. (A)	134,000	113,493
Alibaba Pictures Group, Ltd. (A)	500,000	45,553
Beijing Enterprises Holdings, Ltd.	19,786	68,265
Beijing Enterprises Water Group, Ltd.	198,000	76,932
BOC Hong Kong Holdings, Ltd.	132,328	433,971
Bosideng International Holdings, Ltd.	108,000	68,040
Budweiser Brewing Company APAC, Ltd. (C)	57,500	151,165
China Common Rich Renewable Energy Investments, Ltd. (A)(E)	428,695	11,820
China Education Group Holdings, Ltd. (B)	12,000	19,500
China Everbright Environment Group, Ltd.	117,851	94,659
China Gas Holdings, Ltd.	86,800	180,551
China Jinmao Holdings Group, Ltd.	224,000	69,278
China Mengniu Dairy Company, Ltd. (A)	105,004	595,254
China Merchants Port Holdings Company, Ltd.	47,564	86,808
China Overseas Land & Investment, Ltd.	127,882	302,927
China Overseas Property Holdings, Ltd.	45,000	47,725
China Power International Development, Ltd.	88,000	59,269
China Resources Beer Holdings Company, Ltd.	49,979	409,282
China Resources Cement Holdings, Ltd.	88,000	66,557
China Resources Gas Group, Ltd.	30,000	169,517
China Resources Land, Ltd.	110,964	467,558
China Resources Power Holdings Company, Ltd.	68,244	228,251
China State Construction International Holdings, Ltd.	71,250	88,672
China Taiping Insurance Holdings Company, Ltd.	60,500	83,077
China Traditional Chinese Medicine Holdings Company, Ltd.	80,000	53,008
China Youzan, Ltd. (A)	464,000	32,191
Chow Tai Fook Jewellery Group, Ltd. (A)	66,000	118,924
CK Asset Holdings, Ltd.	66,546	419,770
CK Hutchison Holdings, Ltd.	90,163	580,508
CK Infrastructure Holdings, Ltd.	24,772	157,828
CLP Holdings, Ltd.	54,900	554,752
COSCO SHIPPING Ports, Ltd.	61,511	53,461
ESR Cayman, Ltd. (A)(C)	66,000	223,252
Far East Horizon, Ltd.	66,000	58,605
Futu Holdings, Ltd., ADR (A)	1,700	73,610
Galaxy Entertainment Group, Ltd. (A)	72,000	373,507
Geely Automobile Holdings, Ltd.	196,000	535,436
Guangdong Investment, Ltd.	99,220	126,125
Hang Lung Properties, Ltd.	74,326	153,033
Hang Seng Bank, Ltd.	27,319	500,254
Henderson Land Development Company, Ltd.	55,324	235,989
HK Electric Investments & HK Electric Investments, Ltd.	88,500	86,835
HKT Trust & HKT, Ltd.	145,233	195,145
Hong Kong & China Gas Company, Ltd.	374,091	583,494
Hong Kong Exchanges & Clearing, Ltd.	40,214	2,351,875
Hongkong Land Holdings, Ltd.	44,100	229,303
Hopson Development Holdings, Ltd.	24,200	50,420
Huabao International Holdings, Ltd.	42,000	77,622
Hutchmed China, Ltd., ADR (A)	1,900	66,652

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
Jardine Matheson Holdings, Ltd. (B)	7,400	\$ 406,908
Kingboard Holdings, Ltd.	22,500	109,621
Kingboard Laminates Holdings, Ltd.	36,500	62,080
Kunlun Energy Company, Ltd.	118,000	110,723
Lee & Man Paper Manufacturing, Ltd.	56,000	38,941
Link REIT	70,839	624,040
Melco Resorts & Entertainment, Ltd., ADR (A)	7,185	73,143
MTR Corp., Ltd.	51,605	277,018
New World Development Company, Ltd.	57,618	228,126
Nine Dragons Paper Holdings, Ltd.	55,000	59,066
Power Assets Holdings, Ltd.	46,582	290,361
Shenzhen International Holdings, Ltd.	38,049	39,527
Shimao Group Holdings, Ltd. (B)	41,500	27,169
Sino Biopharmaceutical, Ltd.	346,500	243,171
Sino Land Company, Ltd.	128,364	159,834
SITC International Holdings Company, Ltd.	45,000	162,751
Sun Art Retail Group, Ltd.	86,000	34,521
Sun Hung Kai Properties, Ltd.	45,630	553,686
Swire Pacific, Ltd., Class A	18,163	103,311
Swire Properties, Ltd.	43,628	109,370
Techtronic Industries Company, Ltd.	47,500	946,908
The Wharf Holdings, Ltd.	51,876	159,348
Vinda International Holdings, Ltd.	12,000	29,232
WH Group, Ltd. (C)	245,843	154,329
Wharf Real Estate Investment Company, Ltd.	56,876	289,001
Xinyi Glass Holdings, Ltd.	62,000	155,299
Yuexiu Property Company, Ltd.	48,800	43,040
		21,397,757
Hungary - 0.1%		
MOL Hungarian Oil & Gas PLC	12,392	96,177
OTP Bank NYRT (A)	7,225	368,412
Richter Gedeon NYRT	4,794	128,819
		593,408
India - 3.5%		
ACC, Ltd.	2,508	74,858
Adani Enterprises, Ltd.	9,077	207,719
Adani Green Energy, Ltd. (A)	13,172	235,056
Adani Ports & Special Economic Zone, Ltd.	16,979	166,136
Adani Total Gas, Ltd.	9,077	210,959
Adani Transmission, Ltd. (A)	9,077	213,533
Ambuja Cements, Ltd.	22,913	116,103
Apollo Hospitals Enterprise, Ltd.	3,055	206,115
Asian Paints, Ltd.	12,960	589,082
Aurobindo Pharma, Ltd.	9,153	89,940
Avenue Supermarkets, Ltd. (A)(C)	5,887	368,771
Axis Bank, Ltd. (A)	80,176	729,976
Bajaj Auto, Ltd.	2,923	127,456
Bajaj Finance, Ltd.	9,135	852,106
Bajaj Finserv, Ltd.	1,261	277,965
Balkrishna Industries, Ltd.	2,904	90,376
Bandhan Bank, Ltd. (C)	27,747	93,768
Berger Paints India, Ltd.	8,085	83,847
Bharat Electronics, Ltd.	40,525	113,904
Bharat Forge, Ltd.	9,316	86,990
Bharat Petroleum Corp., Ltd.	27,177	140,533
Bharti Airtel, Ltd. (A)	81,745	751,037
Biocon, Ltd. (A)	14,021	68,484
Britannia Industries, Ltd.	3,618	175,490
Cholamandalam Investment and Finance Company, Ltd.	13,536	94,369
Cipla, Ltd.	18,101	229,588

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
Coal India, Ltd.	63,427	\$ 124,514
Colgate-Palmolive India, Ltd.	4,075	81,093
Container Corp. of India, Ltd.	9,153	75,399
Dabur India, Ltd.	17,709	137,863
Divi's Laboratories, Ltd.	4,431	278,384
DLF, Ltd.	20,605	107,987
Dr. Reddy's Laboratories, Ltd., ADR	3,359	219,712
Eicher Motors, Ltd.	4,250	147,525
GAIL India, Ltd., GDR	9,954	108,970
Godrej Consumer Products, Ltd. (A)	11,997	155,853
Godrej Properties, Ltd. (A)	4,161	104,557
Grasim Industries, Ltd.	10,574	230,645
Havells India, Ltd.	11,177	209,245
HCL Technologies, Ltd.	37,954	671,581
Hero MotoCorp, Ltd.	4,200	138,773
Hindalco Industries, Ltd.	56,656	359,673
Hindustan Petroleum Corp., Ltd.	20,412	80,011
Hindustan Unilever, Ltd.	27,452	869,320
Housing Development Finance Corp., Ltd.	57,256	1,981,428
ICICI Bank, Ltd.	82,343	819,287
ICICI Bank, Ltd., ADR	44,559	881,823
ICICI Lombard General Insurance Company, Ltd. (C)	8,559	160,848
ICICI Prudential Life Insurance Company, Ltd. (C)	11,948	89,929
Indian Oil Corp., Ltd.	38,494	57,596
Indian Railway Catering & Tourism Corp., Ltd.	7,983	88,958
Indraprastha Gas, Ltd.	10,515	66,274
Indus Towers, Ltd.	15,904	52,944
Info Edge India, Ltd.	2,389	178,357
Infosys, Ltd., ADR	113,913	2,883,138
InterGlobe Aviation, Ltd. (A)(C)	4,138	111,983
ITC, Ltd.	113,026	330,626
JSW Steel, Ltd.	33,031	289,967
Jubilant Foodworks, Ltd.	2,527	121,573
Kotak Mahindra Bank, Ltd.	18,671	449,852
Larsen & Toubro Infotech, Ltd. (C)	1,748	171,990
Larsen & Toubro, Ltd.	23,240	590,574
Lupin, Ltd.	7,740	98,680
Mahindra & Mahindra, Ltd., GDR	23,120	263,720
Marico, Ltd.	14,917	102,874
Maruti Suzuki India, Ltd.	4,592	456,773
Mindtree, Ltd.	2,193	140,553
Motherhood Sumi Systems, Ltd.	37,306	110,648
Mphasis, Ltd.	2,804	127,928
MRF, Ltd.	64	62,629
Muthoot Finance, Ltd.	4,018	80,569
Nestle India, Ltd.	1,140	301,484
NTPC, Ltd.	146,266	244,040
Oil & Natural Gas Corp., Ltd.	90,136	172,181
Page Industries, Ltd.	194	105,640
Petronet LNG, Ltd.	21,320	61,953
PI Industries, Ltd.	2,778	113,052
Pidilite Industries, Ltd.	4,359	144,164
Piramal Enterprises, Ltd.	3,012	106,574
Power Grid Corp. of India, Ltd.	115,586	317,344
Reliance Capital, Ltd., GDR (A)(C)	4,327	835
Reliance Industries, Ltd.	7,646	242,923
Reliance Industries, Ltd., GDR (C)	44,280	2,832,835
SBI Cards & Payment Services, Ltd. (A)	7,827	97,546
Shree Cement, Ltd.	276	99,889
Shriram Transport Finance Company, Ltd.	5,520	89,776
Siemens, Ltd.	2,378	75,309
SRF, Ltd.	4,927	159,942

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
State Bank of India, GDR	5,224	\$ 321,795
Sun Pharmaceutical Industries, Ltd.	29,344	333,132
Tata Consultancy Services, Ltd.	31,310	1,571,063
Tata Consumer Products, Ltd.	22,130	220,818
Tata Motors, Ltd. (A)	12,317	79,464
Tata Motors, Ltd., ADR (A)(B)	8,581	275,364
Tata Steel, Ltd., GDR	23,969	355,408
Tech Mahindra, Ltd.	22,395	537,784
The Tata Power Company, Ltd.	47,830	141,656
Titan Company, Ltd.	10,263	346,519
Torrent Pharmaceuticals, Ltd.	1,767	77,931
Trent, Ltd.	6,052	86,323
UltraTech Cement, Ltd.	2,054	209,549
UltraTech Cement, Ltd., GDR	1,026	104,774
United Spirits, Ltd. (A)	10,125	122,074
UPL, Ltd.	15,099	151,536
Vedanta, Ltd., ADR	13,934	255,490
Wipro, Ltd., ADR	43,037	420,041
Yes Bank, Ltd. (A)	334,558	61,303
Zomato, Ltd. (A)	52,192	95,884
		32,200,182
Indonesia - 0.4%		
Adaro Energy Tbk PT	315,000	49,955
Astra International Tbk PT	679,000	271,771
Bank Central Asia Tbk PT	1,804,500	924,176
Bank Mandiri Persero Tbk PT	715,674	353,385
Bank Negara Indonesia Persero Tbk PT	276,500	130,704
Bank Rakyat Indonesia Persero Tbk PT	2,374,148	683,579
Barito Pacific Tbk PT	1,273,500	76,268
Charoen Pokphand Indonesia Tbk PT	276,000	115,033
Gudang Garam Tbk PT	26,000	55,833
Indah Kiat Pulp & Paper Tbk PT	97,300	53,448
Indocement Tunggul Prakarsa Tbk PT	53,500	45,417
Indofood CBP Sukses Makmur Tbk PT	114,400	69,875
Indofood Sukses Makmur Tbk PT	147,500	65,494
Kalbe Farma Tbk PT	855,000	96,869
Merdeka Copper Gold Tbk PT (A)	486,300	133,118
Sarana Menara Nusantara Tbk PT	1,016,100	80,123
Semen Indonesia Persero Tbk PT	111,000	56,436
Telkom Indonesia Persero Tbk PT	1,600,100	456,672
Telkom Indonesia Persero Tbk PT, ADR	358	10,378
Tower Bersama Infrastructure Tbk PT	379,100	78,549
Unilever Indonesia Tbk PT	332,500	95,887
United Tractors Tbk PT	55,279	85,825
		3,988,795
Ireland - 0.7%		
CRH PLC	27,337	1,447,220
DCC PLC	3,819	312,635
Experian PLC	31,530	1,553,034
Flutter Entertainment PLC (A)	505	79,948
Flutter Entertainment PLC (London Stock Exchange) (A)	5,220	835,090
James Hardie Industries PLC, CHESS Depository Interest	15,679	631,112
Kerry Group PLC, Class A (London Stock Exchange)	5,738	734,958
Kingspan Group PLC	5,492	672,676
Smurfit Kappa Group PLC	8,017	441,559
		6,708,232
Israel - 0.5%		
Azrieli Group, Ltd.	1,424	135,865
Bank Hapoalim BM	40,928	421,229
Bank Leumi Le-Israel BM	54,437	583,892

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Israel (continued)		
Check Point Software Technologies, Ltd. (A)	4,016	\$ 468,105
CyberArk Software, Ltd. (A)	1,300	225,264
Elbit Systems, Ltd.	787	136,037
Fiverr International, Ltd. (A)	1,000	113,700
ICL Group, Ltd.	27,153	261,541
Inmode, Ltd. (A)	1,700	119,986
Isracard, Ltd.	1	3
Israel Discount Bank, Ltd., Class A	41,515	278,743
Kornit Digital, Ltd. (A)	1,500	228,375
Mizrahi Tefahot Bank, Ltd.	5,543	213,464
Nice, Ltd. (A)	2,200	667,163
Teva Pharmaceutical Industries, Ltd. (A)	33,126	270,562
Teva Pharmaceutical Industries, Ltd., ADR (A)	5,800	46,458
Wix.com, Ltd. (A)	1,900	299,801
		4,470,188
Italy - 1.3%		
Amplifon SpA	4,199	225,940
Assicurazioni Generali SpA	37,206	786,338
Atlantia SpA (A)	19,839	393,641
Davide Campari-Milano NV	19,587	285,818
DiaSorin SpA	876	166,655
Enel SpA	277,869	2,221,861
Eni SpA	89,209	1,239,806
Ferrari NV	4,317	1,111,221
FinecoBank Banca Fineco SpA	20,557	360,005
Infrastrutture Wireless Italiane SpA (C)	8,355	101,313
Intesa Sanpaolo SpA	577,542	1,491,745
Mediobanca Banca di Credito Finanziario SpA	22,013	252,719
Moncler SpA	6,366	460,059
Nexi SpA (A)(C)	14,507	229,883
Poste Italiane SpA (C)	21,903	286,935
Prysmian SpA	8,366	314,697
Recordati Industria Chimica e Farmaceutica SpA	4,564	293,073
Snam SpA	68,229	410,955
Telecom Italia SpA	387,741	190,760
Terna - Rete Elettrica Nazionale	47,449	383,845
UniCredit SpA	71,677	1,101,771
		12,309,040
Japan - 14.4%		
Advantest Corp.	6,700	634,485
Aeon Company, Ltd.	22,700	534,953
AGC, Inc.	6,500	310,525
Aisin Corp.	6,200	237,879
Ajinomoto Company, Inc.	16,300	496,207
ANA Holdings, Inc. (A)	4,100	85,710
Asahi Group Holdings, Ltd.	15,100	587,825
Asahi Intecc Company, Ltd.	7,000	150,385
Asahi Kasei Corp.	43,300	407,901
Astellas Pharma, Inc.	62,400	1,015,593
Azbil Corp.	4,200	191,556
Bandai Namco Holdings, Inc.	6,899	539,422
Benefit One, Inc.	2,700	116,004
Bridgestone Corp.	18,700	802,841
Brother Industries, Ltd.	8,700	167,688
Canon, Inc. (B)	33,800	824,506
Capcom Company, Ltd.	6,000	141,308
Central Japan Railway Company	4,800	638,746
Chubu Electric Power Company, Inc.	22,000	232,375
Chugai Pharmaceutical Company, Ltd.	22,500	733,411
Concordia Financial Group, Ltd.	39,100	141,994
Cosmos Pharmaceutical Corp.	800	117,610

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
CyberAgent, Inc.	14,400	\$ 240,046
Dai Nippon Printing Company, Ltd.	8,400	211,401
Daifuku Company, Ltd.	3,500	286,212
Dai-ichi Life Holdings, Inc.	37,400	754,357
Daiichi Sankyo Company, Ltd.	57,500	1,463,457
Daikin Industries, Ltd.	8,400	1,902,762
Daito Trust Construction Company, Ltd.	2,300	263,858
Daiwa House Industry Company, Ltd.	19,700	566,160
Daiwa House REIT Investment Corp.	78	236,292
Daiwa Securities Group, Inc.	54,400	306,979
Denso Corp.	15,000	1,243,063
Dentsu Group, Inc.	7,500	266,949
Disco Corp.	1,000	305,653
East Japan Railway Company	10,400	639,345
Eisai Company, Ltd.	8,800	499,557
ENEOS Holdings, Inc.	109,211	407,992
FANUC Corp.	6,500	1,381,653
Fast Retailing Company, Ltd.	2,000	1,136,889
Fuji Electric Company, Ltd.	4,600	251,289
FUJIFILM Holdings Corp.	12,500	926,679
Fujitsu, Ltd.	6,800	1,168,421
GLP J-REIT	127	219,522
GMO Payment Gateway, Inc.	1,500	186,790
Hakuhodo DY Holdings, Inc.	9,300	154,752
Hamamatsu Photonics KK	4,800	306,575
Hankyu Hanshin Holdings, Inc.	8,400	238,718
Hikari Tsushin, Inc.	800	123,206
Hino Motors, Ltd.	10,000	82,460
Hirose Electric Company, Ltd.	1,223	205,537
Hitachi Construction Machinery Company, Ltd.	4,100	118,469
Hitachi Metals, Ltd. (A)	7,400	137,115
Hitachi, Ltd.	32,700	1,771,468
Honda Motor Company, Ltd.	55,100	1,567,636
Hoshizaki Corp.	1,900	142,952
Hoya Corp.	12,700	1,884,576
Hulic Company, Ltd.	10,700	101,752
Ibiden Company, Ltd.	3,600	213,788
Idemitsu Kosan Company, Ltd.	7,206	183,895
Iida Group Holdings Company, Ltd.	5,000	116,287
Impex Corp.	36,700	319,129
Isuzu Motors, Ltd.	19,000	236,483
Ito En, Ltd.	1,900	99,830
ITOCHU Corp.	39,200	1,199,281
Itochu Techno-Solutions Corp.	3,400	109,370
Japan Airlines Company, Ltd. (A)	4,000	75,933
Japan Exchange Group, Inc.	18,100	396,560
Japan Metropolitan Fund Investment Corp.	259	223,128
Japan Post Bank Company, Ltd.	14,000	128,333
Japan Post Holdings Company, Ltd. (A)	81,500	634,908
Japan Post Insurance Company, Ltd.	8,300	133,330
Japan Real Estate Investment Corp.	47	266,802
Japan Tobacco, Inc.	40,500	817,774
JFE Holdings, Inc.	18,300	233,472
JSR Corp.	6,500	247,023
Kajima Corp.	16,500	189,627
Kakaku.com, Inc.	5,000	133,666
Kansai Paint Company, Ltd.	5,900	128,301
Kao Corp.	16,300	853,702
KDDI Corp.	54,500	1,593,783
Keio Corp.	3,700	163,252
Keisei Electric Railway Company, Ltd.	4,800	129,852
Keyence Corp.	6,596	4,147,289
Kikkoman Corp.	5,200	437,897

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Kintetsu Group Holdings Company, Ltd. (A)	6,200	\$ 173,319
Kirin Holdings Company, Ltd.	27,800	447,771
Kobayashi Pharmaceutical Company, Ltd.	1,800	141,584
Kobe Bussan Company, Ltd.	4,200	162,613
Koei Tecmo Holdings Company, Ltd.	1,950	76,566
Koito Manufacturing Company, Ltd.	3,500	185,374
Komatsu, Ltd.	29,300	685,210
Konami Holdings Corp.	3,100	148,799
Kose Corp.	1,200	136,130
Kubota Corp.	35,000	778,262
Kurita Water Industries, Ltd.	3,500	165,930
Kyocera Corp.	10,800	675,281
Kyowa Kirin Company, Ltd.	9,473	258,288
Lasertec Corp.	2,600	796,384
Lawson, Inc.	1,900	90,154
Lion Corp.	8,000	106,944
Lixil Corp.	9,000	240,093
M3, Inc.	14,900	751,279
Makita Corp.	7,800	331,108
Marubeni Corp.	57,400	559,248
Mazda Motor Corp. (A)	20,300	155,760
McDonald's Holdings Company Japan, Ltd. (B)	2,600	115,066
Medipal Holdings Corp.	6,090	114,157
MEIJI Holdings Company, Ltd.	4,100	244,744
Mercari, Inc. (A)	3,000	152,632
MINEBEA MITSUMI, Inc.	12,500	355,170
MISUMI Group, Inc.	9,800	402,603
Mitsubishi Chemical Holdings Corp.	46,900	347,875
Mitsubishi Corp.	44,800	1,422,539
Mitsubishi Electric Corp.	63,000	799,661
Mitsubishi Estate Company, Ltd.	41,300	572,934
Mitsubishi Gas Chemical Company, Inc.	5,814	98,556
Mitsubishi HC Capital, Inc.	17,600	87,077
Mitsubishi Heavy Industries, Ltd.	11,700	270,509
Mitsubishi UFJ Financial Group, Inc.	412,200	2,243,307
Mitsui & Company, Ltd.	54,700	1,296,274
Mitsui Chemicals, Inc.	6,800	182,786
Mitsui Fudosan Company, Ltd.	31,400	622,372
Miura Company, Ltd.	3,100	106,719
Mizuho Financial Group, Inc.	83,210	1,056,872
MonotaRO Company, Ltd.	9,000	161,874
MS&AD Insurance Group Holdings, Inc.	15,500	477,281
Murata Manufacturing Company, Ltd.	19,400	1,547,392
NEC Corp.	8,800	406,909
Nexon Company, Ltd.	16,800	324,849
NGK Insulators, Ltd.	9,000	152,325
Nidec Corp.	15,100	1,786,246
Nihon M&A Center Holdings, Inc.	10,400	255,103
Nintendo Company, Ltd.	3,800	1,777,858
Nippon Building Fund, Inc.	48	279,583
Nippon Express Company, Ltd.	2,500	149,612
Nippon Paint Holdings Company, Ltd.	24,500	267,559
Nippon Prologis REIT, Inc.	66	233,293
Nippon Sanso Holdings Corp.	4,600	100,614
Nippon Shinyaku Company, Ltd.	1,700	118,380
Nippon Steel Corp.	27,900	455,776
Nippon Telegraph & Telephone Corp.	43,200	1,181,445
Nippon Yusen KK	5,500	419,391
Nissan Chemical Corp.	4,600	267,536
Nissan Motor Company, Ltd. (A)	77,800	374,727
Nisshin Seifun Group, Inc.	7,400	106,755
Nissin Foods Holdings Company, Ltd.	2,200	160,563
Nitori Holdings Company, Ltd.	2,800	418,800

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Nitto Denko Corp.	5,400	\$ 417,163
Nomura Holdings, Inc.	109,800	478,250
Nomura Real Estate Holdings, Inc.	4,500	103,689
Nomura Real Estate Master Fund, Inc.	151	212,508
Nomura Research Institute, Ltd.	11,146	476,500
NTT Data Corp.	22,500	482,652
Obayashi Corp.	22,500	174,135
Obic Company, Ltd.	2,200	411,728
Odakyu Electric Railway Company, Ltd.	10,900	202,647
Oji Holdings Corp.	30,000	145,352
Olympus Corp.	39,100	900,365
Omron Corp.	6,200	617,814
Ono Pharmaceutical Company, Ltd.	12,500	310,692
Open House Company, Ltd.	2,700	141,093
Oracle Corp. Japan	1,500	113,960
Oriental Land Company, Ltd.	6,900	1,163,527
ORIX Corp.	40,600	828,572
Orix JREIT, Inc.	97	151,635
Osaka Gas Company, Ltd.	13,800	228,242
Otsuka Corp.	3,800	181,194
Otsuka Holdings Company, Ltd.	13,600	494,781
Pan Pacific International Holdings Corp.	15,000	206,758
Panasonic Corp.	74,000	813,467
Persol Holdings Company, Ltd.	6,200	180,254
Pola Orbis Holdings, Inc.	3,200	53,331
Rakuten Group, Inc.	29,700	297,988
Recruit Holdings Company, Ltd.	46,000	2,799,363
Renesas Electronics Corp. (A)	41,700	517,943
Resona Holdings, Inc.	78,000	303,122
Ricoh Company, Ltd.	24,000	223,707
Rinnai Corp.	1,200	108,295
Rohm Company, Ltd.	3,000	272,908
Ryohin Keikaku Company, Ltd.	9,000	137,232
Santen Pharmaceutical Company, Ltd.	12,500	152,609
SBI Holdings, Inc.	8,213	224,014
SCSK Corp.	5,400	107,472
Secom Company, Ltd.	7,300	507,250
Seiko Epson Corp.	9,600	172,900
Sekisui Chemical Company, Ltd.	13,400	224,104
Sekisui House, Ltd.	21,400	460,437
Seven & i Holdings Company, Ltd.	26,000	1,143,689
SG Holdings Company, Ltd.	10,200	239,174
Sharp Corp.	7,400	84,986
Shimadzu Corp.	8,000	337,904
Shimano, Inc.	2,600	692,430
Shimizu Corp.	21,600	133,927
Shin-Etsu Chemical Company, Ltd.	11,900	2,065,547
Shionogi & Company, Ltd.	9,200	647,187
Shiseido Company, Ltd.	13,500	753,118
SMC Corp.	1,900	1,284,130
SoftBank Corp.	97,600	1,232,744
SoftBank Group Corp.	41,400	1,984,723
Sohgo Security Services Company, Ltd.	2,900	115,234
Sompo Holdings, Inc.	11,600	489,215
Sony Group Corp.	42,500	5,366,826
Square Enix Holdings Company, Ltd.	3,400	174,418
Stanley Electric Company, Ltd.	5,300	133,068
Subaru Corp.	21,200	378,798
SUMCO Corp.	8,200	166,975
Sumitomo Chemical Company, Ltd.	56,000	264,085
Sumitomo Corp.	41,300	611,215
Sumitomo Dainippon Pharma Company, Ltd.	5,300	61,148
Sumitomo Electric Industries, Ltd.	26,200	341,936
Sumitomo Metal Mining Company, Ltd.	7,800	295,421

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Sumitomo Mitsui Financial Group, Inc.	44,100	\$ 1,505,896
Sumitomo Mitsui Trust Holdings, Inc.	11,000	367,822
Sumitomo Realty & Development Company, Ltd.	10,700	315,445
Suntory Beverage & Food, Ltd.	5,000	181,065
Suzuki Motor Corp.	12,800	493,604
Sysmex Corp.	5,800	782,893
T&D Holdings, Inc.	19,900	254,238
Taisei Corp.	6,600	200,707
Taisho Pharmaceutical Holdings Company, Ltd.	1,200	55,392
Takeda Pharmaceutical Company, Ltd.	52,876	1,443,954
TDK Corp.	13,500	526,849
Terumo Corp.	22,300	941,965
The Chiba Bank, Ltd.	21,600	123,563
The Kansai Electric Power Company, Inc.	24,300	227,132
The Shizuoka Bank, Ltd.	17,000	121,363
TIS, Inc.	7,800	231,941
Tobu Railway Company, Ltd.	6,800	155,176
Toho Company, Ltd.	4,067	174,036
Tokio Marine Holdings, Inc.	21,200	1,180,196
Tokyo Century Corp.	1,500	72,815
Tokyo Electric Power Company Holdings, Inc. (A)	50,400	130,295
Tokyo Electron, Ltd.	5,000	2,877,864
Tokyo Gas Company, Ltd.	13,900	249,510
Tokyu Corp.	17,900	237,957
Toppan, Inc.	10,300	193,287
Toray Industries, Inc.	50,800	300,972
Toshiba Corp.	13,400	551,389
Tosoh Corp.	9,300	138,166
TOTO, Ltd.	4,800	221,460
Toyo Suisan Kaisha, Ltd.	3,100	131,435
Toyota Industries Corp.	5,200	415,964
Toyota Motor Corp.	357,400	6,605,679
Toyota Tsusho Corp.	7,900	364,164
Trend Micro, Inc.	4,600	255,374
Tsuruha Holdings, Inc.	1,300	124,824
Unicharm Corp.	14,000	609,101
USS Company, Ltd.	7,770	121,396
Welcia Holdings Company, Ltd.	3,400	106,192
West Japan Railway Company	6,000	250,937
Yakult Honsha Company, Ltd.	4,243	221,354
Yamaha Corp.	4,700	231,877
Yamaha Motor Company, Ltd.	10,100	242,593
Yamato Holdings Company, Ltd.	11,000	258,407
Yaskawa Electric Corp.	8,300	407,245
Yokogawa Electric Corp.	7,886	142,338
Z Holdings Corp.	88,900	512,952
ZOZO, Inc.	4,800	149,665
		133,609,982
Jordan - 0.0%		
Hikma Pharmaceuticals PLC	5,739	172,348
Luxembourg - 0.2%		
ArcelorMittal SA	24,275	778,709
Aroundtown SA	37,519	226,328
Eurofins Scientific SE	4,300	532,733
Reinet Investments SCA	5,229	94,075
Tenaris SA	16,418	171,355
		1,803,200
Macau - 0.0%		
Sands China, Ltd. (A)	81,200	188,449
Malaysia - 0.4%		
AMMB Holdings BHD (A)	59,087	44,937

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Malaysia (continued)		
Axiata Group BHD	101,690	\$ 101,522
CIMB Group Holdings BHD	195,331	255,507
Dialog Group BHD	166,000	104,362
DiGi.Com BHD	110,800	115,985
Genting BHD	72,900	81,658
Genting Malaysia BHD	105,700	73,017
HAP Seng Consolidated BHD	30,200	55,882
Hartalega Holdings BHD	60,200	82,826
Hong Leong Bank BHD	23,269	103,950
Hong Leong Financial Group BHD	6,104	25,389
IHH Healthcare BHD	108,100	190,617
Inari Amertron BHD	98,100	93,973
IOI Corp. BHD	114,466	102,414
Kuala Lumpur Kepong BHD	17,415	91,080
Malayan Banking BHD	127,999	254,958
Malaysia Airports Holdings BHD (A)	34,427	49,412
Maxis BHD	67,200	78,218
MISC BHD	26,280	44,430
Nestle Malaysia BHD	2,800	90,178
Petronas Chemicals Group BHD	99,800	213,685
Petronas Dagangan BHD	12,200	60,285
Petronas Gas BHD	21,200	91,560
PPB Group BHD	21,240	87,238
Press Metal Aluminium Holdings BHD	120,800	167,548
Public Bank BHD	486,890	485,948
QL Resources BHD	54,400	59,695
RHB Bank BHD	30,283	39,005
Sime Darby BHD	108,224	60,313
Sime Darby Plantation BHD	108,786	98,136
Telekom Malaysia BHD	42,705	56,336
Tenaga Nasional BHD	101,250	226,961
Top Glove Corp. BHD	164,400	102,201
		3,789,226
Mexico - 0.6%		
Alfa SAB de CV, Class A	98,000	71,937
America Movil SAB de CV, Series L	1,136,332	1,203,178
Arca Continental SAB de CV	16,000	101,600
Cemex SAB de CV, Series CPO (A)	521,849	356,556
Coca-Cola Femsa SAB de CV	15,212	83,588
Fibra Uno Administracion SA de CV	90,200	95,418
Fomento Economico Mexicano SAB de CV	65,020	506,461
Gruma SAB de CV, Class B	7,685	98,219
Grupo Aeroportuario del Pacifico SAB de CV, B Shares (A)	9,700	133,963
Grupo Aeroportuario del Sureste SAB de CV, B Shares	5,780	119,162
Grupo Bimbo SAB de CV, Series A	53,084	163,565
Grupo Carso SAB de CV, Series A1	9,477	30,275
Grupo Financiero Banorte SAB de CV, Series O	86,662	563,638
Grupo Financiero Inbursa SAB de CV, Series O (A)	77,038	92,443
Grupo Mexico SAB de CV, Series B	104,066	453,661
Grupo Televisa SAB, Series CPO	80,326	150,684
Industrias Penoles SAB de CV	4,883	56,288
Kimberly-Clark de Mexico SAB de CV, Class A	43,778	66,515
Orbia Advance Corp. SAB de CV	37,631	96,046
Promotora y Operadora de Infraestructura SAB de CV	5,800	45,254
Wal-Mart de Mexico SAB de CV	174,988	651,392
		5,139,843
Netherlands - 4.0%		
ABN AMRO Bank NV (C)	16,073	236,268

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Netherlands (continued)		
Adyen NV (A)(C)	655	\$ 1,719,374
Aegon NV	77,899	387,279
Akzo Nobel NV	6,657	731,370
Argenx SE (A)	1,553	552,259
ASM International NV	1,660	732,752
ASML Holding NV	13,749	11,013,219
Euronext NV (C)	2,850	296,297
EXOR NV	3,992	357,354
Heineken Holding NV	4,217	388,828
Heineken NV	9,090	1,022,985
IMCD NV	1,896	419,022
ING Groep NV	132,675	1,844,579
JDE Peet's NV	3,077	95,239
Just Eat Takeaway.com NV (A)(C)	5,955	323,540
Koninklijke Ahold Delhaize NV	34,784	1,193,659
Koninklijke DSM NV	6,229	1,402,809
Koninklijke KPN NV	126,323	391,680
Koninklijke Philips NV	31,501	1,165,902
NN Group NV (B)	8,988	486,073
Prosus NV (A)	31,112	2,576,850
QIAGEN NV (A)	8,350	463,012
Randstad NV	4,395	299,814
Royal Dutch Shell PLC, A Shares	138,310	3,030,974
Royal Dutch Shell PLC, B Shares	124,526	2,734,158
Stellantis NV	37,161	701,546
Stellantis NV (Euronext Paris Exchange)	34,423	653,080
Universal Music Group NV	23,492	663,908
Wolters Kluwer NV	9,296	1,094,147
		36,977,977
New Zealand - 0.2%		
Auckland International Airport, Ltd. (A)	36,599	192,651
Fisher & Paykel Healthcare Corp., Ltd.	19,921	446,301
Mercury NZ, Ltd.	22,971	96,235
Meridian Energy, Ltd.	44,474	147,621
Ryman Healthcare, Ltd.	12,940	108,506
Spark New Zealand, Ltd.	67,539	208,863
Xero, Ltd. (A)	4,384	448,742
		1,648,919
Norway - 0.4%		
Adevinta ASA (A)	8,335	110,723
Aker BP ASA	4,193	128,929
DNB Bank ASA	30,942	707,759
Equinor ASA	35,722	945,894
Gjensidige Forsikring ASA	6,934	168,225
Mowi ASA	14,928	353,297
Norsk Hydro ASA	48,185	379,148
Orkla ASA	29,206	292,748
Schibsted ASA, B Shares	3,512	118,133
Schibsted ASA, Class A	2,550	98,314
Telenor ASA	26,898	422,811
Yara International ASA	6,981	351,969
		4,077,950
Peru - 0.1%		
Cia de Minas Buenaventura SAA, ADR (A)	8,064	59,028
Credicorp, Ltd.	2,434	297,118
Southern Copper Corp.	2,874	177,355
		533,501
Philippines - 0.2%		
Aboitiz Equity Ventures, Inc.	85,070	90,775
Ayala Corp.	8,920	145,404
Ayala Land, Inc.	253,800	182,634
Bank of the Philippine Islands	34,118	61,647
BDO Unibank, Inc.	77,140	182,558

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Philippines (continued)		
Globe Telecom, Inc.	970	\$ 63,234
GT Capital Holdings, Inc.	3,464	36,675
International Container Terminal Services, Inc.	33,760	132,335
JG Summit Holdings, Inc.	89,355	92,751
Jollibee Foods Corp.	18,900	80,204
Manila Electric Company	8,090	46,814
Metro Pacific Investments Corp.	509,100	38,934
Metropolitan Bank & Trust Company	65,642	71,687
PLDT, Inc.	3,730	132,530
SM Investments Corp.	8,302	153,541
SM Prime Holdings, Inc.	311,044	206,762
Universal Robina Corp.	30,280	76,032
		1,794,517
Poland - 0.2%		
Allegro.eu SA (A)(C)	13,472	129,690
Bank Polska Kasa Opieki SA	5,522	166,674
CD Projekt SA	2,349	111,724
Cyfrowy Polsat SA	6,360	54,527
Dino Polska SA (A)(C)	1,719	156,292
InPost SA (A)	6,603	79,293
KGHM Polska Miedz SA	5,681	197,194
LPP SA	42	178,539
Orange Polska SA (A)	26,179	54,862
PGE Polska Grupa Energetyczna SA (A)	26,654	53,186
Polski Koncern Naftowy ORLEN SA	11,432	210,714
Polskie Gornictwo Naftowe i Gazownictwo SA	62,946	98,441
Powszechna Kasa Oszczednosci Bank Polski SA (A)	32,873	364,618
Powszechny Zaklad Ubezpieczen SA	23,000	200,846
Santander Bank Polska SA	1,219	104,680
		2,161,280
Portugal - 0.1%		
EDP - Energias de Portugal SA	91,820	504,395
Galp Energia SGPS SA	18,673	181,187
Jeronimo Martins SGPS SA	7,332	167,651
		853,233
Romania - 0.0%		
NEPI Rockcastle PLC	15,018	99,687
Russia - 0.9%		
Gazprom PJSC, ADR	251,662	2,312,774
Gazprom PJSC, ADR (London Stock Exchange)	3,680	33,982
LUKOIL PJSC, ADR	23,756	2,133,289
MMC Norilsk Nickel PJSC, ADR	39,185	1,201,804
Mobile TeleSystems PJSC, ADR	20,264	161,099
Novatek PJSC, GDR	3,057	714,742
Rosneft Oil Company PJSC, GDR	30,000	241,279
Rosneft Oil Company PJSC, GDR (London Stock Exchange)	9,131	73,437
Sberbank of Russia PJSC, ADR	40,000	630,000
Sberbank of Russia PJSC, ADR (London Stock Exchange)	34,900	548,498
Severstal PAO, GDR	4,250	91,672
Surgutneftegas PJSC, ADR	22,274	117,161
Surgutneftegas PJSC, ADR (London Stock Exchange)	23,070	123,386
Tatneft PJSC, ADR	7,986	311,454
VTB Bank PJSC, GDR	50,760	64,034
		8,758,611
Saudi Arabia - 0.9%		
Advanced Petrochemical Company	3,771	70,623

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Saudi Arabia (continued)		
Al Rajhi Bank	43,550	\$ 1,642,370
Alinma Bank	34,699	221,046
Almarai Company JSC	8,852	115,073
Arab National Bank	21,244	129,380
Bank AlBilad (A)	13,065	161,025
Bank Al-Jazira	14,284	73,278
Banque Saudi Fransi	19,205	241,284
Bupa Arabia for Cooperative Insurance Company	981	34,309
Dar Al Arkan Real Estate Development Company (A)	18,814	50,365
Emaar Economic City (A)	13,598	43,250
Etihad Etisalat Company	13,413	111,254
Jarir Marketing Company	2,090	109,369
National Industrialization Company (A)	11,652	61,694
Rabigh Refining & Petrochemical Company (A)	7,786	42,775
Riyad Bank	42,488	306,514
SABIC Agri-Nutrients Company	5,901	277,018
Sahara International Petrochemical Company	12,775	142,374
Saudi Arabian Mining Company (A)	15,250	318,264
Saudi Arabian Oil Company (C)	76,487	729,014
Saudi Basic Industries Corp.	26,663	822,271
Saudi Cement Company	2,665	38,859
Saudi Electricity Company	29,505	188,185
Saudi Industrial Investment Group	7,839	64,926
Saudi Kayan Petrochemical Company (A)	26,130	118,047
Saudi Telecom Company	20,888	624,787
The Company for Cooperative Insurance	2,178	44,826
The Saudi British Bank	25,464	223,330
The Saudi National Bank	68,407	1,172,686
The Savola Group	9,302	79,181
Yanbu National Petrochemical Company	7,999	146,046
		8,403,423
Singapore - 0.8%		
Ascendas Real Estate Investment Trust	117,802	258,102
BOC Aviation, Ltd. (C)	7,400	54,217
CapitaLand Integrated Commercial Trust	164,531	248,931
CapitaLand Investment, Ltd. (A)	93,902	237,424
City Developments, Ltd.	16,600	83,986
DBS Group Holdings, Ltd.	61,754	1,495,618
Genting Singapore, Ltd.	226,200	130,112
JOYY, Inc., ADR	2,000	90,860
Keppel Corp., Ltd.	55,069	209,428
Mapletree Commercial Trust	74,500	111,431
Mapletree Logistics Trust	97,850	138,001
Oversea-Chinese Banking Corp., Ltd.	113,002	956,420
Sea, Ltd., ADR (A)	4,600	1,029,066
Singapore Airlines, Ltd. (A)	57,850	214,493
Singapore Exchange, Ltd.	28,000	193,283
Singapore Technologies Engineering, Ltd.	54,000	150,699
Singapore Telecommunications, Ltd.	294,940	507,734
United Overseas Bank, Ltd.	40,908	817,003
UOL Group, Ltd.	20,239	106,534
Venture Corp., Ltd.	9,700	131,812
Wilmar International, Ltd.	72,000	221,585
		7,386,739
South Africa - 0.9%		
Absa Group, Ltd.	25,092	240,144
African Rainbow Minerals, Ltd.	5,157	74,765
Anglo American Platinum, Ltd.	1,548	176,560
AngloGold Ashanti, Ltd.	14,430	303,832
Aspen Pharmacare Holdings, Ltd.	13,036	183,420
Bid Corp., Ltd.	11,078	226,977

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Africa (continued)		
Capitec Bank Holdings, Ltd.	2,672	\$ 341,912
Clicks Group, Ltd.	8,355	165,530
Discovery, Ltd. (A)	13,271	119,651
Exxaro Resources, Ltd.	8,997	86,302
FirstRand, Ltd.	160,204	611,200
Gold Fields, Ltd.	29,492	326,306
Growthpoint Properties, Ltd.	109,582	105,786
Harmony Gold Mining Company, Ltd.	18,873	79,154
Impala Platinum Holdings, Ltd.	26,847	378,724
Kumba Iron Ore, Ltd.	2,164	62,408
Mr. Price Group, Ltd.	8,969	112,487
MTN Group, Ltd. (A)	59,164	634,176
MultiChoice Group	15,717	120,480
Naspers, Ltd., N Shares	7,259	1,126,678
Nedbank Group, Ltd.	15,440	169,601
Northam Platinum Holdings, Ltd. (A)	11,870	156,413
Old Mutual, Ltd. (B)	182,601	150,824
Rand Merchant Investment Holdings, Ltd.	25,734	73,066
Remgro, Ltd.	17,781	146,520
Sanlam, Ltd.	59,860	223,080
Sasol, Ltd. (A)	19,396	317,562
Shoprite Holdings, Ltd.	16,492	216,121
Sibanye Stillwater, Ltd.	101,051	314,200
Standard Bank Group, Ltd.	43,543	382,542
The Bidvest Group, Ltd.	9,718	115,406
The SPAR Group, Ltd.	5,706	59,884
Tiger Brands, Ltd.	5,421	61,563
Vodacom Group, Ltd.	19,298	162,893
Woolworths Holdings, Ltd.	33,746	109,737
		8,135,904
South Korea - 3.3%		
Alteogen, Inc. (A)	591	37,584
Amorepacific Corp. (A)	975	136,827
AMOREPACIFIC Group (A)	770	28,691
BGF retail Company, Ltd. (A)	90	10,997
Celltrion Healthcare Company, Ltd.	3,174	213,850
Celltrion Pharm, Inc. (A)	570	59,539
Celltrion, Inc.	3,173	528,241
Cheil Worldwide, Inc. (A)	1,346	25,828
CJ CheilJedang Corp. (A)	210	68,412
CJ Corp. (A)	456	31,954
CJ ENM Company, Ltd. (A)	178	20,751
CJ Logistics Corp. (A)	312	33,042
Coway Company, Ltd. (A)	1,211	75,871
DB Insurance Company, Ltd. (A)	1,122	50,942
Doosan Bobcat, Inc. (A)	1,103	37,748
Doosan Heavy Industries & Construction Company, Ltd. (A)	10,256	175,598
Douzone Bizon Company, Ltd. (A)	955	58,572
Ecopro BM Company, Ltd.	437	183,604
E-MART, Inc.	496	62,879
F&F Company, Ltd. (A)	115	91,302
Green Cross Corp. (A)	274	50,147
GS Engineering & Construction Corp. (A)	1,468	48,817
GS Holdings Corp. (A)	1,749	57,446
Hana Financial Group, Inc.	9,428	333,083
Hankook Tire & Technology Company, Ltd. (A)	1,937	64,710
Hanmi Pharm Company, Ltd. (A)	148	34,310
Hanon Systems	4,656	52,651
Hanwha Solutions Corp. (A)	3,439	102,568
HLB, Inc. (A)	2,702	79,056
HMM Company, Ltd. (A)	8,540	193,180
Hotel Shilla Company, Ltd. (A)	1,060	69,472
HYBE Company, Ltd. (A)	560	164,025

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Hyundai Engineering & Construction Company, Ltd. (A)	2,649	\$ 98,842
Hyundai Glovis Company, Ltd. (A)	539	76,008
Hyundai Heavy Industries Holdings Company, Ltd.	1,555	70,177
Hyundai Mobis Company, Ltd.	2,223	475,182
Hyundai Motor Company	4,857	852,547
Hyundai Steel Company (A)	2,875	99,010
Iljin Materials Company, Ltd. (A)	767	86,844
Industrial Bank of Korea	5,941	51,394
Kakao Corp.	10,321	974,636
Kakao Games Corp. (A)	994	75,962
KakaoBank Corp. (A)	2,156	106,584
Kangwon Land, Inc. (A)	3,612	72,961
KB Financial Group, Inc.	12,769	590,494
KB Financial Group, Inc., ADR	430	19,849
Kia Corp. (A)	8,435	582,126
Korea Aerospace Industries, Ltd. (A)	1,710	46,592
Korea Electric Power Corp.	6,370	118,276
Korea Electric Power Corp., ADR	4,277	39,092
Korea Investment Holdings Company, Ltd. (A)	1,170	79,268
Korea Shipbuilding & Offshore Engineering Company, Ltd. (A)	1,127	89,584
Korea Zinc Company, Ltd. (A)	225	96,811
Korean Air Lines Company, Ltd. (A)	6,728	165,679
Krafton, Inc. (A)	733	283,300
KT&G Corp.	3,571	237,250
Kumho Petrochemical Company, Ltd. (A)	614	85,594
L&F Company, Ltd.	748	139,188
LG Chem, Ltd. (A)	1,500	775,443
LG Corp. (A)	2,922	198,893
LG Display Company, Ltd. (A)	5,471	112,800
LG Display Company, Ltd., ADR (A)	2,417	24,412
LG Electronics, Inc.	3,460	400,601
LG Household & Health Care, Ltd. (A)	295	272,275
LG Innotek Company, Ltd. (A)	344	105,167
LG Uplus Corp.	9,062	103,401
Lotte Chemical Corp. (A)	562	102,520
Lotte Shopping Company, Ltd. (A)	366	26,818
Meritz Securities Company, Ltd. (A)	3,655	15,825
Mirae Asset Securities Company, Ltd. (A)	7,084	51,463
NAVER Corp. (A)	4,029	1,278,891
NCSOFT Corp. (A)	550	297,071
Netmarble Corp. (A)(C)	515	54,091
NH Investment & Securities Company, Ltd. (A)	3,944	41,424
Orion Corp. (A)	569	49,532
Pan Ocean Company, Ltd. (A)	9,148	41,606
Pearl Abyss Corp. (A)	1,020	118,538
POSCO	2,396	555,601
POSCO Chemical Company, Ltd. (A)	883	106,701
S-I Corp. (A)	252	15,680
Samsung Biologics Company, Ltd. (A)(C)	550	417,619
Samsung C&T Corp. (A)	2,732	272,982
Samsung Electro-Mechanics Company, Ltd. (A)	1,863	308,981
Samsung Electronics Company, Ltd.	158,861	10,433,192
Samsung Engineering Company, Ltd. (A)	3,731	71,736
Samsung Fire & Marine Insurance Company, Ltd. (A)	895	152,039
Samsung Heavy Industries Company, Ltd. (A)	20,659	98,490
Samsung Life Insurance Company, Ltd. (A)	2,349	126,487

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Samsung SDI Company, Ltd.	1,792	\$ 985,550
Samsung SDS Company, Ltd. (A)	1,018	133,721
Samsung Securities Company, Ltd. (A)	1,475	55,614
Seegene, Inc.	947	48,445
Shin Poong Pharmaceutical Company, Ltd. (A)	983	26,339
Shinhan Financial Group Company, Ltd.	14,320	442,474
Shinhan Financial Group Company, Ltd., ADR	350	10,819
SK Biopharmaceuticals Company, Ltd. (A)	528	43,130
SK Bioscience Company, Ltd. (A)	763	144,373
SK Chemicals Company, Ltd. (A)	385	48,200
SK Hynix, Inc.	17,972	1,973,912
SK IE Technology Company, Ltd. (A)(C)	601	84,862
SK Innovation Company, Ltd. (A)	1,818	364,021
SK Square Company, Ltd. (A)	2,419	135,118
SK Telecom Company, Ltd.	3,741	181,799
SK, Inc.	1,160	244,550
SKC Company, Ltd. (A)	859	125,549
S-Oil Corp.	1,203	86,462
Woori Financial Group, Inc.	16,990	181,187
Yuhan Corp. (A)	1,296	67,691
		30,809,042
Spain - 1.5%		
ACS Actividades de Construccion y Servicios SA	11,166	297,697
Aena SME SA (A)(C)	2,276	358,433
Amadeus IT Group SA (A)	15,014	1,015,910
Banco Bilbao Vizcaya Argentaria SA	228,360	1,354,397
Banco Santander SA	580,136	1,926,674
Banco Santander SA (Mexican Stock Exchange)	22,856	71,575
CaixaBank SA	144,982	396,038
Cellnex Telecom SA (A)(C)	17,500	1,013,732
EDP Renovaveis SA	9,513	236,564
Enagas SA	7,812	181,483
Endesa SA	12,378	284,959
Ferrovial SA	16,976	530,901
Grifols SA	10,824	208,282
Iberdrola SA	195,460	2,314,240
Industria de Diseno Textil SA	37,975	1,224,694
Naturgy Energy Group SA	6,451	209,820
Red Electrica Corp. SA	15,612	337,600
Repsol SA	53,970	639,173
Siemens Gamesa Renewable Energy SA (A)	9,848	233,869
Telefonica SA	196,462	851,899
		13,687,940
Sweden - 2.4%		
Alfa Laval AB	11,168	448,613
Assa Abloy AB, B Shares	34,362	1,047,387
Atlas Copco AB, A Shares	22,872	1,580,474
Atlas Copco AB, B Shares	13,493	792,582
Boliden AB	9,749	375,919
Electrolux AB, Series B	7,536	182,520
Embracer Group AB (A)	16,932	179,632
Epiroc AB, A Shares	23,037	582,509
Epiroc AB, B Shares	13,732	290,394
EQT AB	9,842	533,535
Essity AB, B Shares	21,531	702,445
Evolution AB (C)	5,501	777,517
Fastighets AB Balder, B Shares (A)	3,415	245,757
Getinge AB, B Shares	7,609	331,617
Hennes & Mauritz AB, B Shares	28,520	559,623
Hexagon AB, B Shares	67,634	1,071,360

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Sweden (continued)		
Husqvarna AB, B Shares	13,967	\$ 223,317
Industrivarden AB, A Shares	4,452	141,459
Industrivarden AB, C Shares	6,375	199,733
Investment AB Latour, B Shares	5,154	209,399
Investor AB, A Shares	16,589	436,418
Investor AB, B Shares	62,172	1,560,101
Kinnevik AB, B Shares (A)	8,775	311,983
L.E. Lundbergforetagen AB, B Shares	2,546	142,641
Lifco AB, B Shares	7,754	231,601
Lundin Energy AB	6,210	222,211
Nibe Industrier AB, B Shares	49,615	749,680
Sagax AB, B Shares	5,357	180,196
Sandvik AB	38,708	1,078,929
Securitas AB, B Shares	10,739	147,731
Sinch AB (A)(C)	15,030	189,654
Skandinaviska Enskilda Banken AB, A Shares	57,777	802,150
Skanska AB, B Shares	11,367	293,736
SKF AB, B Shares	14,059	332,492
Svenska Cellulosa AB SCA, B Shares	21,092	374,263
Svenska Handelsbanken AB, A Shares	55,216	596,772
Swedbank AB, A Shares	31,626	635,551
Swedish Match AB	57,080	453,140
Tele2 AB, B Shares	17,728	252,902
Telefonaktiebolaget LM Ericsson, B Shares	99,473	1,094,505
Telia Company AB	82,751	323,636
Volvo AB, A Shares	6,647	155,922
Volvo AB, B Shares	48,024	1,110,627
		22,152,633
Switzerland - 6.9%		
ABB, Ltd.	57,261	2,182,377
Adecco Group AG	6,058	308,700
Alcon, Inc.	17,103	1,508,577
Bachem Holding AG, Class B	206	161,308
Baloise Holding AG	1,882	307,167
Barry Callebaut AG	130	315,595
Chocoladefabriken Lindt & Spruengli AG Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	4	536,219
Cie Financiere Richemont SA, A Shares	42	581,635
Clariant AG (A)	17,877	2,671,447
Coca-Cola HBC AG (A)	8,258	171,542
Credit Suisse Group AG	8,067	279,322
EMS-Chemie Holding AG	84,422	818,524
Geberit AG	321	358,743
Givaudan SA	1,249	1,018,102
Givaudan SA	311	1,631,695
Glencore PLC (A)	331,742	1,690,314
Holcim, Ltd. (A)	10,906	554,669
Holcim, Ltd. (Euronext Paris Exchange) (A)	6,750	342,710
Julius Baer Group, Ltd.	8,601	575,169
Kuehne + Nagel International AG	2,065	665,048
Logitech International SA	5,725	480,257
Lonza Group AG	2,550	2,123,100
Nestle SA	93,637	13,073,347
Novartis AG	72,880	6,404,113
Partners Group Holding AG	749	1,236,456
Roche Holding AG	23,370	9,695,308
Roche Holding AG, Bearer Shares	1,064	476,227
Schindler Holding AG	806	215,394
Schindler Holding AG, Participation Certificates	1,582	424,656
SGS SA	203	676,741
Sika AG	4,781	1,987,067
Sonova Holding AG	1,846	721,411

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Switzerland (continued)		
STMicroelectronics NV	22,367	\$ 1,099,894
Straumann Holding AG	344	727,420
Swiss Life Holding AG	1,026	626,862
Swiss Prime Site AG	3,037	298,136
Swiss Re AG	9,637	951,302
Swisscom AG	989	557,919
Temenos AG	2,330	321,170
The Swatch Group AG	2,395	140,028
The Swatch Group AG, Bearer Shares	1,191	362,702
UBS Group AG	116,998	2,100,032
VAT Group AG (C)	898	444,980
Vifor Pharma AG	1,821	323,497
Zurich Insurance Group AG	5,231	2,291,591
		64,438,473
Taiwan - 4.4%		
Accton Technology Corp.	17,000	159,293
Acer, Inc.	58,018	63,706
Advantech Company, Ltd.	13,296	190,070
ASE Technology Holding Company, Ltd.	111,338	430,234
Asia Cement Corp.	72,863	116,496
ASMedia Technology, Inc.	1,000	65,576
Asustek Computer, Inc.	23,952	325,160
AU Optronics Corp.	273,827	226,362
Catcher Technology Company, Ltd.	22,184	125,410
Cathay Financial Holding Company, Ltd.	263,839	594,390
Chailease Holding Company, Ltd.	39,005	371,009
Chang Hwa Commercial Bank, Ltd.	114,855	70,535
Cheng Shin Rubber Industry Company, Ltd.	43,680	56,924
China Development Financial Holding Corp.	504,133	318,406
China Steel Corp.	363,388	463,707
Chunghwa Telecom Company, Ltd.	127,148	535,242
Compal Electronics, Inc.	139,764	122,182
CTBC Financial Holding Company, Ltd.	586,465	549,401
Delta Electronics, Inc.	64,866	643,612
E.Sun Financial Holding Company, Ltd.	341,799	346,433
Eclat Textile Company, Ltd.	6,259	142,619
eMemory Technology, Inc.	2,000	157,849
Evergreen Marine Corp. Taiwan, Ltd.	84,566	433,225
Far Eastern New Century Corp.	64,875	68,607
Far EasTone Telecommunications Company, Ltd.	45,159	105,352
Feng TAY Enterprise Company, Ltd.	14,520	121,369
First Financial Holding Company, Ltd.	346,987	306,927
Formosa Chemicals & Fibre Corp.	117,212	341,860
Formosa Petrochemical Corp.	39,720	137,343
Formosa Plastics Corp.	128,086	480,742
Foxconn Technology Company, Ltd.	15,513	36,328
Fubon Financial Holding Company, Ltd.	240,270	661,349
Giant Manufacturing Company, Ltd.	10,000	124,460
Globalwafers Company, Ltd.	7,000	224,253
Hiwin Technologies Corp.	8,552	94,646
Hon Hai Precision Industry Company, Ltd.	417,368	1,565,189
Hotai Motor Company, Ltd.	9,000	199,428
Hua Nan Financial Holdings Company, Ltd.	286,485	219,285
Innolux Corp.	275,841	194,923
Inventec Corp.	89,899	80,967
Largan Precision Company, Ltd.	3,143	279,619
Lite-On Technology Corp.	70,626	162,634
MediaTek, Inc.	50,340	2,160,066
Mega Financial Holding Company, Ltd.	363,134	466,362
Micro-Star International Company, Ltd.	23,000	133,215
momo.com, Inc.	2,000	117,092

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Nan Ya Plastics Corp.	171,992	\$ 529,864
Nan Ya Printed Circuit Board Corp.	8,000	164,787
Nanya Technology Corp.	37,000	104,215
Nien Made Enterprise Company, Ltd.	5,000	74,449
Novatek Microelectronics Corp.	19,361	375,958
Oneness Biotech Company, Ltd. (A)	8,000	83,159
Pegatron Corp.	66,989	167,144
Pou Chen Corp.	78,641	94,080
President Chain Store Corp.	19,496	192,505
Quanta Computer, Inc.	90,771	310,004
Realtek Semiconductor Corp.	14,999	313,379
Ruentex Development Company, Ltd.	38,400	88,353
Shin Kong Financial Holding Company, Ltd.	411,790	164,103
SinoPac Financial Holdings Company, Ltd.	338,762	197,563
Synnex Technology International Corp.	24,928	59,561
Taishin Financial Holding Company, Ltd.	341,572	233,676
Taiwan Cement Corp.	167,824	290,863
Taiwan Cooperative Financial Holding Company, Ltd.	296,127	272,091
Taiwan High Speed Rail Corp.	66,000	70,521
Taiwan Mobile Company, Ltd.	55,257	199,562
Taiwan Semiconductor Manufacturing Company, Ltd.	819,227	18,122,119
The Shanghai Commercial & Savings Bank, Ltd.	111,937	190,943
Unimicron Technology Corp.	40,000	332,879
Uni-President Enterprises Corp.	161,487	399,812
United Microelectronics Corp.	388,313	909,728
Vanguard International Semiconductor Corp.	31,000	176,583
Voltronic Power Technology Corp.	2,000	111,576
Wan Hai Lines, Ltd.	19,800	141,223
Win Semiconductors Corp.	11,000	148,427
Winbond Electronics Corp.	102,000	124,895
Wistron Corp.	92,598	97,449
Wiwynn Corp.	3,000	120,668
WPG Holdings, Ltd.	47,840	90,893
Ya Hsin Industrial Company, Ltd. (A)(E)	36,000	0
Yageo Corp.	12,584	217,573
Yang Ming Marine Transport Corp. (A)	52,000	226,175
Yuanta Financial Holding Company, Ltd.	324,837	296,717
Zhen Ding Technology Holding, Ltd.	19,000	68,836
		40,552,190
Thailand - 0.4%		
Advanced Info Service PCL	48,400	332,940
Airports of Thailand PCL (A)	163,100	296,990
Bangkok Dusit Medical Services PCL, NVDR	387,300	266,387
Bangkok Expressway & Metro PCL, NVDR	354,600	89,721
Berli Jucker PCL, NVDR	21,300	19,750
BTS Group Holdings PCL, NVDR (B)	301,600	84,301
Bumrungrad Hospital PCL, NVDR	15,600	65,646
Central Pattana PCL, NVDR	64,400	108,886
Central Retail Corp. PCL	45,441	43,489
Charoen Pokphand Foods PCL	136,200	104,066
CP ALL PCL	184,600	325,804
CP ALL PCL, NVDR	12,300	21,708
Electricity Generating PCL	7,600	39,886
Electricity Generating PCL, NVDR	1,400	7,348
Energy Absolute PCL	56,900	163,307
Gulf Energy Development PCL, NVDR	79,150	108,408
Home Product Center PCL	204,400	88,674
Indorama Ventures PCL, NVDR	54,900	70,979

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Thailand (continued)		
Krung Thai Bank PCL	164,375	\$ 64,799
Land & Houses PCL, NVDR	393,400	103,429
Minor International PCL, NVDR (A)	131,483	113,054
Muangthai Capital PCL, NVDR	11,300	19,826
PTT Exploration & Production PCL	60,147	212,044
PTT Global Chemical PCL	87,373	153,568
PTT PCL	391,000	443,720
PTT PCL, NVDR	10,500	11,916
Ratch Group PCL, NVDR	12,800	17,256
Thai Oil PCL	46,900	69,403
Thai Union Group PCL	95,900	56,005
The Siam Cement PCL	12,000	138,733
The Siam Cement PCL, NVDR	14,300	165,324
The Siam Commercial Bank PCL	23,348	88,623
True Corp. PCL	448,802	64,178
		3,960,168
Turkey - 0.1%		
Akbank TAS	100,286	54,160
Aselsan Elektronik Sanayi Ve Ticaret AS	14,026	22,112
BIM Birlesik Magazalar AS	16,428	76,128
Eregli Demir ve Celik Fabrikalari TAS	49,091	104,438
Ford Otomotiv Sanayi AS	4,572	82,394
KOC Holding AS	25,423	54,459
Turkcell Iletisim Hizmetleri AS	38,572	53,668
Turkiye Garanti Bankasi AS	86,216	73,374
Turkiye Is Bankasi AS, Class C	60,572	32,809
Turkiye Petrol Rafinerileri AS (A)	4,998	58,366
		611,908
United Arab Emirates - 0.0%		
NMC Health PLC (A)	4,471	89
United Kingdom - 8.1%		
3i Group PLC	32,696	640,947
abrdn PLC	72,446	236,030
Admiral Group PLC	6,635	284,007
Anglo American PLC	42,988	1,768,188
Ashtead Group PLC	15,597	1,257,342
Associated British Foods PLC	11,826	323,723
AstraZeneca PLC	52,364	6,114,499
Auto Trader Group PLC (C)	37,238	372,933
AVEVA Group PLC	4,243	195,781
Aviva PLC	131,970	735,622
BAE Systems PLC	111,616	832,340
Barclays PLC	576,321	1,468,038
Barratt Developments PLC	33,805	343,271
BP PLC	683,369	3,061,911
British American Tobacco PLC	72,353	2,686,585
BT Group PLC	308,640	710,025
Bunzl PLC	11,691	456,711
Burberry Group PLC	13,598	335,628
CNH Industrial NV	37,712	729,131
Coca-Cola Europacific Partners PLC	6,887	385,274
Compass Group PLC (A)	59,219	1,333,235
Croda International PLC	4,632	634,450
Diageo PLC	78,828	4,309,993
Entain PLC (A)	19,428	444,058
Evraz PLC	18,017	147,303
Ferguson PLC	7,801	1,385,663
GlaxoSmithKline PLC	169,205	3,684,050
Halma PLC	13,950	604,855
Hargreaves Lansdown PLC	11,809	217,004
HSBC Holdings PLC	686,857	4,148,099
Imperial Brands PLC	31,799	696,867
Informa PLC (A)	49,866	349,140
InterContinental Hotels Group PLC (A)	6,064	392,031

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Kingdom (continued)		
Intertek Group PLC	5,603	\$ 427,437
J Sainsbury PLC	71,585	267,582
JD Sports Fashion PLC	85,615	252,436
Johnson Matthey PLC	7,531	209,271
Kingfisher PLC	70,070	322,303
Land Securities Group PLC	25,882	273,157
Legal & General Group PLC	200,480	809,595
Lloyds Banking Group PLC	2,378,433	1,544,532
London Stock Exchange Group PLC	10,980	1,032,888
M&G PLC	94,053	254,442
Melrose Industries PLC	146,910	319,497
Mondi PLC	13,861	343,806
Mondi PLC (Johannesburg Stock Exchange)	4,137	102,949
National Grid PLC	122,429	1,765,335
NatWest Group PLC	181,551	555,965
Next PLC	4,895	541,400
Ocado Group PLC (A)	16,158	367,615
Pearson PLC	25,020	207,559
Persimmon PLC	10,716	415,341
Phoenix Group Holdings PLC	19,903	176,181
Prudential PLC	87,981	1,521,439
Reckitt Benckiser Group PLC	23,897	2,057,135
RELX PLC	40,612	1,325,854
RELX PLC (Euronext Amsterdam Exchange)	24,692	801,743
Rentokil Initial PLC	67,951	537,882
Rio Tinto PLC	37,839	2,495,335
Rolls-Royce Holdings PLC (A)	275,192	459,332
Schroders PLC	4,962	239,502
Segro PLC	41,053	798,960
Severn Trent PLC	7,990	319,055
Smith & Nephew PLC	29,419	513,430
Smiths Group PLC	15,498	331,738
Spirax-Sarco Engineering PLC	2,625	571,278
SSE PLC	36,273	810,888
St. James's Place PLC	20,193	461,454
Standard Chartered PLC	93,128	566,290
Taylor Wimpey PLC	125,790	299,899
Tesco PLC	268,394	1,056,685
The Berkeley Group Holdings PLC	4,051	262,322
The British Land Company PLC	35,353	255,295
The Sage Group PLC	41,847	484,208
Unilever PLC	86,323	4,630,912
United Utilities Group PLC	26,873	396,522
Vodafone Group PLC	955,905	1,439,815
Whitbread PLC (A)	7,168	291,576
WPP PLC	42,535	647,710
		75,050,284
United States - 0.1%		
Bausch Health Companies, Inc. (A)	9,900	273,454
Brookfield Renewable Corp., Class A	4,350	160,079
Parade Technologies, Ltd.	3,000	228,240
		661,773
TOTAL COMMON STOCKS (Cost \$613,215,841)		\$ 900,386,705
PREFERRED SECURITIES - 0.8%		
Brazil - 0.3%		
Alpargatas SA	8,500	56,293
Banco Bradesco SA	163,047	565,253
Banco BTG Pactual SA	4	4
Banco Inter SA (C)	1	2
Braskem SA, A Shares	8,200	86,661
Centrais Eletricas Brasileiras SA, B Shares	5,700	33,679
Cia Energetica de Minas Gerais	36,287	86,603

International Equity Index Trust (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
Brazil (continued)		
Gerdau SA	36,200	\$ 177,952
Itau Unibanco Holding SA	161,889	610,101
Itausa SA	155,109	248,082
Petroleo Brasileiro SA	165,151	838,992
		2,703,622
Germany - 0.3%		
Bayerische Motoren Werke AG	2,090	173,316
Fuchs Petrolub SE	2,735	123,592
Henkel AG & Company KGaA	6,138	495,282
Porsche Automobil Holding SE	5,695	537,680
Sartorius AG	872	589,768
Volkswagen AG	6,259	1,257,327
		3,176,965
South Korea - 0.2%		
Hyundai Motor Company	705	58,327
Hyundai Motor Company, 2nd Preferred	1,197	101,520
LG Chem, Ltd. (A)	162	39,089
LG Household & Health Care, Ltd. (A)	48	24,855
Samsung Electronics Company, Ltd.	27,037	1,616,425
		1,840,216
Taiwan - 0.0%		
China Development Financial Holding Corp. (A)	60,206	20,869
TOTAL PREFERRED SECURITIES (Cost \$6,920,618)		\$ 7,741,672
RIGHTS - 0.0%		
Doosan Heavy Industries & Construction Company, Ltd. (Expiration Date: 2-14-22; Strike Price: KRW 16,000.00) (A)	1,304	4,827
TOTAL RIGHTS (Cost \$0)		\$ 4,827
WARRANTS - 0.0%		
BTS Group Holdings PCL (Expiration Date: 11-20-26; Strike Price: THB 14.90) (A)	60,320	903
BTS Group Holdings PCL (Expiration Date: 11-7-24; Strike Price: THB 11.90) (A)	30,160	578
BTS Group Holdings PCL (Expiration Date: 9-5-22; Strike Price: THB 9.90) (A)	15,080	323
Minor International PCL (Expiration Date: 2-15-24; Strike Price: THB 31.00) (A)	3,972	379
TOTAL WARRANTS (Cost \$0)		\$ 2,183
SHORT-TERM INVESTMENTS - 1.8%		
Short-term funds - 1.8%		
Fidelity Institutional Money Market Government Portfolio, Institutional Class, 0.0100% (F)	13,483,146	13,483,146
John Hancock Collateral Trust, 0.1697% (F)(G)	296,791	2,968,797
TOTAL SHORT-TERM INVESTMENTS (Cost \$16,452,031)		\$ 16,451,943
Total Investments (International Equity Index Trust) (Cost \$636,588,490) - 99.4%		\$ 924,587,330
Other assets and liabilities, net - 0.6%		5,309,365
TOTAL NET ASSETS - 100.0%		\$ 929,896,695
Currency Abbreviations		
KRW	Korean Won	
THB	Thai Bath	

John Hancock Variable Insurance Trust

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

International Equity Index Trust (continued)

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 12-31-21.
(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.

International Equity Index Trust (continued)

(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 12-31-21.
(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 [^]	Notional value [^]	Unrealized appreciation (depreciation)
Mini MSCI EAFE Index Futures	28	Long	Mar 2022	\$3,203,421	\$3,249,260	\$45,839
Mini MSCI Emerging Markets Index Futures	301	Long	Mar 2022	18,564,192	18,454,310	(109,882)
						\$(64,043)

[^] 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 Small Company Trust

	Shares or Principal Amount	Value
COMMON STOCKS - 98.2%		
Australia - 6.5%		
A2B Australia, Ltd. (A)	9,047	\$ 8,758
Accent Group, Ltd.	24,907	44,437
Adairs, Ltd.	6,590	19,236
Adbri, Ltd.	19,036	39,096
Ainsworth Game Technology, Ltd. (A)	10,192	9,561
Alcidion Group, Ltd. (A)	43,339	8,693
Alkane Resources, Ltd. (A)	25,036	16,708
Alliance Aviation Services, Ltd. (A)	3,238	9,658
AMA Group, Ltd. (A)(B)	33,686	10,533
AMP, Ltd. (A)	139,043	102,202
Ansell, Ltd.	1,752	40,067
Appen, Ltd.	3,751	30,407
ARB Corp., Ltd.	3,816	145,831
Archer Materials, Ltd. (A)	10,038	8,219
Ardent Leisure Group, Ltd. (A)	39,016	38,347
AUB Group, Ltd.	4,241	79,572
Audinate Group, Ltd. (A)	1,532	9,871
Aurelia Metals, Ltd. (A)	85,331	25,533
Austal, Ltd.	23,155	32,843
Australian Agricultural Company, Ltd. (A)	28,065	30,197
Australian Finance Group, Ltd.	6,698	13,153
Australian Pharmaceutical Industries, Ltd.	26,584	33,460
Australian Strategic Materials, Ltd. (A)	2,300	17,850
Auswide Bank, Ltd.	646	3,154
Baby Bunting Group, Ltd.	3,113	12,725
Bapcor, Ltd.	15,610	79,568
Base Resources, Ltd.	32,069	7,811
Beach Energy, Ltd.	86,667	79,571
Bega Cheese, Ltd.	15,122	62,448
Bell Financial Group, Ltd.	10,635	14,429
Bellevue Gold, Ltd. (A)	32,369	19,963
Betmakers Technology Group, Ltd. (A)	14,102	8,213
Bigtincan Holdings, Ltd. (A)(B)	27,175	20,053
Blackmores, Ltd.	587	39,051
Bravura Solutions, Ltd.	17,804	31,953
Breville Group, Ltd.	4,635	106,894

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
Brickworks, Ltd.	3,876	\$ 68,170
BWX, Ltd.	8,729	27,675
Calix, Ltd. (A)	10,443	50,523
Capitol Health, Ltd.	41,735	11,856
Capricorn Metals, Ltd. (A)	13,300	32,930
Cardno, Ltd.	1,509	2,118
Carnarvon Energy, Ltd. (A)(B)	45,055	11,146
Cash Converters International, Ltd.	14,501	2,849
Cedar Woods Properties, Ltd.	2,694	10,652
Challenger, Ltd.	18,693	88,792
Champion Iron, Ltd. (A)(B)	13,921	55,221
City Chic Collective, Ltd. (A)(B)	9,410	37,616
Cleanaway Waste Management, Ltd.	44,499	101,296
Clinuvel Pharmaceuticals, Ltd.	2,335	46,141
Clover Corp., Ltd. (B)	8,155	10,170
Codan, Ltd.	5,320	36,082
Collins Foods, Ltd.	5,764	56,065
Cooper Energy, Ltd. (A)	98,256	20,016
Corporate Travel Management, Ltd. (A)	4,034	64,694
Costa Group Holdings, Ltd.	25,640	56,589
Credit Corp. Group, Ltd.	3,047	74,276
CSR, Ltd.	25,551	109,397
Data#3, Ltd.	9,073	38,791
De Grey Mining, Ltd. (A)	17,392	15,455
Decmil Group, Ltd. (A)	1,519	359
Deterra Royalties, Ltd.	16,722	52,369
Dicker Data, Ltd. (B)	2,793	30,146
Domain Holdings Australia, Ltd.	10,969	45,052
Downer EDI, Ltd.	27,173	118,036
Eagers Automotive, Ltd.	7,533	73,735
Eclixp Group, Ltd. (A)	16,681	26,837
Elders, Ltd.	8,609	76,878
Emeco Holdings, Ltd.	22,924	14,693
Emerald Resources NL (A)(B)	28,411	22,340
EML Payments, Ltd. (A)	16,327	38,352
Enero Group, Ltd.	3,952	11,506

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
EQT Holdings, Ltd.	740	\$ 14,282
Estia Health, Ltd.	11,708	19,602
EVENT Hospitality and Entertainment, Ltd. (A)	4,397	47,358
FAR, Ltd. (A)(B)	3,139	879
Finbar Group, Ltd.	8,370	4,995
Fleetwood, Ltd.	8,058	14,552
Flight Centre Travel Group, Ltd. (A)(B)	4,755	61,014
Frontier Digital Ventures, Ltd. (A)	10,734	12,198
G8 Education, Ltd. (A)	51,376	41,511
Galan Lithium, Ltd. (A)	13,760	19,507
Genworth Mortgage Insurance Australia, Ltd.	18,245	30,811
Gold Road Resources, Ltd.	44,022	50,454
GrainCorp, Ltd., Class A	13,614	81,955
GUD Holdings, Ltd.	5,406	44,719
GWA Group, Ltd.	12,453	24,947
Hansen Technologies, Ltd.	11,735	45,674
Healius, Ltd.	23,643	90,582
HT&E, Ltd.	20,357	31,113
HUB24, Ltd.	3,277	67,499
Humm Group, Ltd. (A)(B)	26,650	17,455
Iluka Resources, Ltd.	16,722	123,273
Imdex, Ltd.	20,483	43,961
Infomedia, Ltd.	17,584	19,582
Inghams Group, Ltd. (B)	20,588	52,583
Insignia Financial, Ltd.	30,144	79,428
Integral Diagnostics, Ltd.	6,781	24,400
Integrated Research, Ltd. (A)	3,367	3,064
InvoCare, Ltd.	8,212	70,282
Ioneer, Ltd. (A)	61,614	35,877
IPH, Ltd.	9,953	63,551
IRESS, Ltd.	8,152	74,164
IVE Group, Ltd.	11,452	14,505
Johns Lyng Group, Ltd.	4,969	33,000
Jumbo Interactive, Ltd.	2,253	31,566
Jupiter Mines, Ltd.	116,266	19,465
Karoon Energy, Ltd. (A)	25,702	31,506
Kelsian Group, Ltd.	2,432	13,069
Kogan.com, Ltd. (B)	1,950	12,510
Lifestyle Communities, Ltd.	3,310	50,029
Link Administration Holdings, Ltd.	18,547	75,143
Lovisa Holdings, Ltd.	3,846	56,265
MA Financial Group, Ltd.	4,146	26,994
MACA, Ltd.	23,711	14,155
Macmahon Holdings, Ltd.	112,440	15,125
Macquarie Telecom Group, Ltd. (A)	223	11,887
Mayne Pharma Group, Ltd. (A)	99,135	21,335
McMillan Shakespeare, Ltd.	3,346	29,429
McPherson's, Ltd.	9,168	5,438
Medusa Mining, Ltd.	8,127	4,205
Megaport, Ltd. (A)	3,727	50,218
Mesoblast, Ltd. (A)(B)	11,677	11,846
Metals X, Ltd. (A)(B)	48,765	20,430
Metcash, Ltd.	51,856	169,617
Mincor Resources NL (A)	14,651	19,038
Monadelphous Group, Ltd. (B)	3,790	26,643
Monash IVF Group, Ltd.	21,798	16,736
Money3 Corp., Ltd.	8,682	22,417
Mount Gibson Iron, Ltd.	19,096	5,906
Myer Holdings, Ltd. (A)	63,302	20,742
MyState, Ltd.	5,375	19,836
Nanosonics, Ltd. (A)	8,226	37,779
Navigator Global Investments, Ltd.	10,160	13,721
Nearmap, Ltd. (A)	18,333	20,609

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
Netwealth Group, Ltd.	3,669	\$ 47,261
New Energy Solar, Ltd.	2,820	1,681
New Hope Corp., Ltd. (B)	24,235	39,358
nib holdings, Ltd.	21,443	109,263
Nick Scali, Ltd.	5,272	58,896
Nickel Mines, Ltd.	30,650	31,939
Nine Entertainment Company Holdings, Ltd.	23,897	50,501
Noumi, Ltd. (A)	6,482	1,957
Novonix, Ltd. (A)(B)	6,100	40,781
NRW Holdings, Ltd.	25,786	33,124
Nufarm, Ltd.	12,991	45,901
OceanaGold Corp. (A)	38,000	66,090
OFX Group, Ltd. (A)	14,134	23,757
Omni Bridgeway, Ltd. (A)(B)	15,737	42,150
oOh!media, Ltd. (A)	31,712	39,084
Orora, Ltd.	40,091	102,320
OZ Minerals, Ltd.	16,141	332,766
Pacific Current Group, Ltd.	1,717	9,136
Pact Group Holdings, Ltd.	11,275	20,787
Paladin Energy, Ltd. (A)	90,952	58,552
Panoramic Resources, Ltd. (A)	68,650	13,467
Pantoro, Ltd. (A)(B)	43,321	10,581
Peet, Ltd.	13,800	10,697
Pendal Group, Ltd.	12,114	49,099
PeopleIN, Ltd.	4,673	14,941
Perenti Global, Ltd.	35,432	23,831
Perpetual, Ltd.	2,914	76,259
Perseus Mining, Ltd. (A)	68,083	80,595
Pinnacle Investment Management Group, Ltd.	2,418	27,448
Platinum Asset Management, Ltd.	14,631	28,740
Praemium, Ltd. (A)(B)	28,131	30,096
Premier Investments, Ltd.	4,691	103,507
PWR Holdings, Ltd.	1,520	9,505
Ramelius Resources, Ltd.	37,591	43,105
Red 5, Ltd. (A)	106,879	22,596
Redbubble, Ltd. (A)(B)	4,570	10,866
Regis Healthcare, Ltd.	9,267	12,613
Regis Resources, Ltd.	35,749	50,874
Resolute Mining, Ltd. (A)	43,558	12,398
Ridley Corp., Ltd.	19,540	21,278
RPMGlobal Holdings, Ltd. (A)	6,670	10,431
Sandfire Resources, Ltd.	19,142	91,964
Select Harvests, Ltd.	6,954	31,419
Senex Energy, Ltd.	11,103	37,372
Servcorp, Ltd.	3,171	8,301
Service Stream, Ltd.	27,275	15,958
Seven West Media, Ltd. (A)	85,038	40,036
SG Fleet Group, Ltd.	8,938	16,233
Sigma Healthcare, Ltd.	86,903	30,380
Silver Lake Resources, Ltd. (A)	48,508	62,888
SmartGroup Corp., Ltd.	4,591	25,899
Southern Cross Media Group, Ltd.	17,291	24,375
SpeedCast International, Ltd. (A)(B)(C)	17,245	0
SRG Global, Ltd.	31,157	11,568
St. Barbara, Ltd.	33,249	35,543
Steadfast Group, Ltd.	39,801	151,915
Super Retail Group, Ltd.	7,649	69,310
Superloop, Ltd. (A)	22,967	19,878
Symbio Holdings, Ltd.	2,522	12,421
Syrah Resources, Ltd. (A)	36,700	48,379
Tassal Group, Ltd.	8,526	21,651
Technology One, Ltd.	12,347	114,565
Temple & Webster Group, Ltd. (A)	1,418	11,101

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
The Reject Shop, Ltd. (A)	2,561	\$ 13,356
The Star Entertainment Group, Ltd. (A)	42,180	112,997
Tiger Resources, Ltd. (A)(C)	92,816	2,485
Tyro Payments, Ltd. (A)	10,423	21,715
United Malt Grp, Ltd.	15,585	49,573
Uniti Group, Ltd. (A)	18,144	58,717
Virtus Health, Ltd.	8,580	42,744
Viva Energy Group, Ltd. (D)	28,350	48,526
Webjet, Ltd. (A)	16,369	61,651
West African Resources, Ltd. (A)	42,178	40,686
Western Areas, Ltd. (A)	21,598	53,960
Westgold Resources, Ltd.	16,814	25,033
Whitehaven Coal, Ltd. (A)	44,790	85,286
Zip Company, Ltd. (A)(B)	16,135	50,815
		8,398,255
Austria - 1.6%		
Agrana Beteiligungs AG	724	14,127
ams AG (A)	11,874	214,866
ANDRITZ AG	3,025	155,585
AT&S Austria Technologie & Systemtechnik AG	1,801	88,350
BAWAG Group AG (A)(D)	3,127	191,783
DO & Company AG (A)	278	23,367
EVN AG	2,014	60,766
FACC AG (A)	1,116	8,928
Flughafen Wien AG (A)	265	8,021
IMMOFINANZ AG (A)(B)	4,356	111,868
Kapsch TrafficCom AG (A)(B)	191	3,082
Lenzing AG	693	95,509
Mayr Melnhof Karton AG	378	75,722
Oesterreichische Post AG (B)	1,378	58,955
Palfinger AG	876	34,155
POLYTEC Holding AG	995	7,788
Porr AG (A)	876	13,680
Raiffeisen Bank International AG	1,613	47,375
RHI Magnesita NV	1,095	48,543
RHI Magnesita NV (London Stock Exchange)	545	24,330
Rosenbauer International AG (B)	174	9,208
S IMMO AG	2,772	68,538
S&T AG (B)	2,318	38,510
Schoeller-Bleckmann Oilfield Equipment AG (A)	710	24,817
Semperit AG Holding	822	27,268
Strabag SE, Bearer Shares	893	37,124
Telekom Austria AG (A)	7,836	68,134
UBM Development AG	411	20,238
UNIQA Insurance Group AG	6,525	59,740
Vienna Insurance Group AG	2,128	60,402
voestalpine AG	4,895	177,606
Wienerberger AG	5,497	201,869
Zumtobel Group AG	2,545	22,294
		2,102,548
Belgium - 1.6%		
Ackermans & van Haaren NV	1,132	217,191
AGFA-Gevaert NV (A)	6,780	29,271
Akka Technologies (A)	603	33,048
Atenor	211	13,634
Barco NV	3,212	69,981
Bekaert SA	1,986	88,299
Biocartis Group NV (A)(B)(D)	2,587	10,672
bpost SA (A)	4,236	36,974
Celyad Oncology SA (A)(B)	493	1,971
Cie d'Entreprises CFE	416	57,881
Deceuninck NV	2,515	9,643

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Belgium (continued)		
D'iereren Group	1,085	\$ 211,512
Econocom Group SA/NV	6,435	26,889
Elia Group SA/NV	1,281	168,843
Etablissements Franz Colruyt NV	695	29,491
Euronav NV	8,334	73,872
Euronav NV (New York Stock Exchange)	2,324	20,660
EVS Broadcast Equipment SA	811	19,093
Exmar NV	1,567	7,660
Fagron	2,165	36,499
Gimv NV	1,241	75,393
Immobel SA (B)	209	17,313
Ion Beam Applications	1,305	22,679
Kinopolis Group NV (A)	585	36,448
Lotus Bakeries NV	13	82,820
Melexis NV	987	117,608
Ontex Group NV (A)	3,927	31,340
Orange Belgium SA	417	9,446
Oxurion NV (A)	1,612	3,325
Picanol (A)	88	6,339
Proximus SADP (B)	5,977	116,729
Recticel SA	2,296	45,833
Sipef NV	420	27,183
Telenet Group Holding NV	1,717	62,661
Tessenderlo Group SA (A)	904	34,266
Van de Velde NV	377	14,774
VGP NV	243	70,915
Viohalco SA	7,173	37,415
X-Fab Silicon Foundries SE (A)(D)	3,484	36,030
		2,011,601
Bermuda - 0.1%		
Hiscox, Ltd.	13,928	163,571
Cambodia - 0.0%		
NagaCorp, Ltd.	52,000	45,367
Canada - 10.1%		
5N Plus, Inc. (A)	3,515	6,613
Absolute Software Corp.	2,400	22,502
Acadian Timber Corp.	800	12,130
Advantage Energy, Ltd. (A)	11,500	67,366
Aecon Group, Inc.	3,200	42,702
Africa Oil Corp. (A)	34,602	48,964
Ag Growth International, Inc.	1,100	27,549
AGF Management, Ltd., Class B	4,298	28,371
Aimia, Inc. (A)	7,777	30,433
AirBoss of America Corp.	1,500	54,808
Alamos Gold, Inc., Class A	22,032	169,470
Alaris Equity Partners Income (B)	2,229	33,110
Alcanna, Inc. (A)(B)	1,500	8,111
Algoma Central Corp.	700	9,424
AltaGas, Ltd.	1,178	25,433
Altius Minerals Corp.	3,100	42,667
Altus Group, Ltd.	1,818	101,999
Amerigo Resources, Ltd.	13,502	15,584
Andlauer Healthcare Group, Inc. (B)	618	26,397
Andrew Peller, Ltd., Class A	2,300	14,837
ARC Resources, Ltd.	9,626	87,513
Aritzia, Inc. (A)	3,645	150,848
Ascot Resources, Ltd. (A)	13,700	13,105
Atco, Ltd., Class I	3,204	108,155
Athabasca Oil Corp. (A)	42,135	39,638
ATS Automation Tooling Systems, Inc. (A)	3,547	140,876
AutoCanada, Inc. (A)	1,985	67,006
Badger Infrastructure Solutions, Ltd.	1,522	38,250
Birch Mountain Resources, Ltd. (A)(C)	9,200	1
Birchcliff Energy, Ltd.	15,733	80,347
Bird Construction, Inc.	4,995	38,777

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
Black Diamond Group, Ltd.	2,750	\$ 9,631
BMTC Group, Inc.	500	6,206
Bombardier, Inc., Class B (A)	86,004	114,223
Borex, Inc., Class A (B)	4,277	117,259
Brookfield Infrastructure Corp., Class A	2,724	185,907
Calian Group, Ltd.	905	44,028
Calibre Mining Corp. (A)	11,500	12,182
Canaccord Genuity Group, Inc.	5,281	62,957
Canacol Energy, Ltd.	7,565	19,197
Canada Goose Holdings, Inc. (A)	2,213	82,015
Canadian Western Bank	4,515	129,566
Canfor Corp. (A)	3,704	93,877
Canfor Pulp Products, Inc. (A)	2,715	14,359
Capital Power Corp.	5,927	184,892
Capstone Mining Corp. (A)	29,467	129,986
Cardinal Energy, Ltd. (A)	5,530	18,667
Cascades, Inc.	5,723	63,204
Celestica, Inc. (A)	5,019	55,945
Celestica, Inc. (New York Stock Exchange) (A)	3,200	35,616
Centerra Gold, Inc.	12,177	93,858
CES Energy Solutions Corp.	18,429	29,575
China Gold International Resources Corp., Ltd.	18,050	48,373
CI Financial Corp.	8,900	186,028
Cogeco Communications, Inc.	863	68,722
Cogeco, Inc.	445	28,576
Colliers International Group, Inc.	1,400	208,492
Computer Modelling Group, Ltd.	4,420	14,885
Copper Mountain Mining Corp. (A)	8,800	23,792
Corby Spirit and Wine, Ltd.	700	9,280
Corus Entertainment, Inc., B Shares	11,806	44,426
Crescent Point Energy Corp.	9,519	50,795
Crescent Point Energy Corp. (New York Stock Exchange)	16,800	89,712
Crew Energy, Inc. (A)	11,300	25,549
Cronos Group, Inc. (A)	2,170	8,543
Cronos Group, Inc. (Nasdaq Exchange) (A)(B)	3,612	14,159
Denison Mines Corp. (A)	42,724	58,769
Dexterra Group, Inc.	1,621	11,008
DIRTT Environmental Solutions (A)(B)	3,000	6,522
Doman Building Materials Group, Ltd.	3,600	22,113
Dorel Industries, Inc., Class B (A)	1,800	29,157
DREAM Unlimited Corp., Class A	2,250	69,068
Dundee Precious Metals, Inc.	7,687	47,522
ECN Capital Corp.	16,900	71,344
E-L Financial Corp., Ltd.	100	71,762
Eldorado Gold Corp. (A)	9,374	87,889
Element Fleet Management Corp.	17,965	182,924
Endeavour Silver Corp. (A)	6,945	29,373
Enerflex, Ltd.	6,400	38,756
Enerplus Corp.	11,735	123,756
Enghouse Systems, Ltd.	1,800	68,915
Ensign Energy Services, Inc. (A)	9,800	13,016
Equinox Gold Corp. (A)	7,935	53,697
Equitable Group, Inc.	1,392	75,831
ERO Copper Corp. (A)	2,900	44,247
Evertz Technologies, Ltd.	1,900	19,737
Exchange Income Corp.	568	18,922
Exco Technologies, Ltd.	1,500	12,226
Extendicare, Inc.	6,230	35,953
Fiera Capital Corp.	3,035	25,169
Finning International, Inc.	8,181	206,182
Firm Capital Mortgage Investment Corp.	1,100	12,479

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
First Majestic Silver Corp.	7,681	\$ 85,436
First Mining Gold Corp. (A)(B)	39,000	9,249
First National Financial Corp.	700	22,999
Fission Uranium Corp. (A)	19,500	12,024
Fortuna Silver Mines, Inc. (A)	14,300	55,846
Freehold Royalties, Ltd.	7,229	66,578
Frontera Energy Corp. (A)	2,200	17,809
Galiano Gold, Inc. (A)(B)	6,600	4,748
Gamehost, Inc. (A)	100	549
GDI Integrated Facility Services, Inc. (A)	300	12,762
Gibson Energy, Inc.	7,398	131,122
goeasy, Ltd.	672	95,237
GoGold Resources, Inc. (A)	5,300	12,695
Golden Star Resources, Ltd. (A)	5,011	19,173
Gran Tierra Energy, Inc. (A)(B)	25,166	19,099
Guardian Capital Group, Ltd., Class A	1,100	30,349
Hanfeng Evergreen, Inc. (A)(C)	200	0
Hardwoods Distribution, Inc.	800	28,333
Headwater Exploration, Inc. (A)	4,930	20,072
Heroux-Devtek, Inc. (A)	2,700	38,420
HEXO Corp. (A)(B)	3,660	2,546
High Liner Foods, Inc.	1,773	20,898
HLS Therapeutics, Inc.	700	8,301
Home Capital Group, Inc. (A)	3,379	104,366
Hudbay Minerals, Inc.	12,257	88,758
i-80 Gold Corp. (A)	1,651	4,033
iA Financial Corp., Inc.	853	48,808
IAMGOLD Corp. (A)	29,827	92,904
IBI Group, Inc. (A)	1,700	18,197
Imperial Metals Corp. (A)	5,060	12,681
Information Services Corp.	800	16,108
Innergex Renewable Energy, Inc.	6,800	99,988
Interfor Corp.	3,520	112,728
International Petroleum Corp. (A)(B)	5,324	29,757
International Tower Hill Mines, Ltd. (A)	2,300	1,673
Intertape Polymer Group, Inc.	2,700	56,179
Jamieson Wellness, Inc. (D)	2,300	72,985
KAB Distribution, Inc. (A)(C)	7,076	0
Karora Resources, Inc. (A)	4,800	16,127
K-Bro Linen, Inc.	600	16,222
Kelt Exploration, Ltd. (A)	10,445	39,800
Keyera Corp. (B)	5,287	119,244
Kinaxis, Inc. (A)	1,068	149,720
Kingsway Financial Services, Inc. (A)	425	2,329
Knight Therapeutics, Inc. (A)	5,400	22,625
Labrador Iron Ore Royalty Corp.	3,218	95,475
Largo, Inc. (A)	780	7,227
Lassonde Industries, Inc., Class A	200	24,877
Laurentian Bank of Canada	2,414	76,659
Leon's Furniture, Ltd.	1,883	36,992
LifeWorks, Inc.	3,098	62,526
Linamar Corp.	2,366	140,151
Logistec Corp., Class B	700	24,349
Lucara Diamond Corp. (A)	25,184	11,746
Lundin Gold, Inc. (A)	2,800	23,065
MAG Silver Corp. (A)	1,400	21,947
Magellan Aerospace Corp.	900	7,086
Mainstreet Equity Corp. (A)	400	38,006
Major Drilling Group International, Inc. (A)	6,800	44,403
Maple Leaf Foods, Inc.	3,940	91,138
Martinrea International, Inc.	4,603	41,847
Maverix Metals, Inc.	2,300	10,037
Medical Facilities Corp.	2,104	15,552
MEG Energy Corp. (A)	13,888	128,455

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
Melcor Developments, Ltd.	1,000	\$ 11,257
Methanex Corp.	2,700	106,809
Morguard Corp.	400	43,151
Mountain Province Diamonds, Inc. (A)	6,800	4,086
MTY Food Group, Inc.	742	37,119
Mullen Group, Ltd.	5,582	51,321
New Gold, Inc. (A)	28,915	43,203
NFI Group, Inc.	2,960	47,409
North American Construction Group, Ltd.	2,100	31,858
NuVista Energy, Ltd. (A)	15,505	85,312
Organigram Holdings, Inc. (A)	8,928	15,669
Osisko Gold Royalties, Ltd.	7,774	95,135
Osisko Mining, Inc. (A)	16,850	50,752
Paramount Resources, Ltd., Class A	5,173	100,561
Parex Resources, Inc.	7,016	119,859
Park Lawn Corp.	1,792	58,791
Parkland Corp.	6,096	167,562
Pason Systems, Inc.	5,636	51,417
Peyto Exploration & Development Corp.	10,197	76,178
Pizza Pizza Royalty Corp.	1,729	16,430
Polaris Infrastructure, Inc. (B)	1,500	19,993
Pollard Banknote, Ltd.	1,000	31,503
PolyMet Mining Corp. (A)	1,185	2,970
PrairieSky Royalty, Ltd.	9,727	104,810
Precision Drilling Corp. (A)	1,082	38,226
Premium Brands Holdings Corp.	1,700	169,926
Pretium Resources, Inc. (A)	8,300	116,926
Quarterhill, Inc. (B)	9,800	20,918
Questerre Energy Corp., Class A (A)	19,444	3,535
Real Matters, Inc. (A)	3,500	22,965
Recipe Unlimited Corp. (A)	1,300	18,211
RF Capital Group, Inc. (A)	1,848	2,776
Richelieu Hardware, Ltd.	2,800	96,576
Rogers Sugar, Inc. (B)	6,474	30,452
Russel Metals, Inc.	3,846	102,250
Sabina Gold & Silver Corp. (A)	20,475	23,470
Sandstorm Gold, Ltd. (A)	10,731	66,594
Savaria Corp. (B)	2,300	34,838
Seabridge Gold, Inc. (A)(B)	2,330	38,497
Secure Energy Services, Inc.	15,677	65,189
ShawCor, Ltd. (A)	4,173	16,198
Sienna Senior Living, Inc.	3,606	42,846
Sierra Wireless, Inc. (A)	2,600	45,836
Sleep Country Canada Holdings, Inc. (D)	2,113	62,691
SNC-Lavalin Group, Inc.	6,640	162,253
Spin Master Corp. (A)(D)	1,400	53,058
Sprott, Inc.	1,329	59,970
SSR Mining, Inc.	9,961	176,313
Stantec, Inc.	2,378	133,606
Stelco Holdings, Inc.	500	16,293
Stella-Jones, Inc.	2,400	75,911
SunOpta, Inc. (A)	5,608	38,881
Superior Plus Corp. (B)	9,057	93,080
Tamarack Valley Energy, Ltd. (A)	20,085	61,131
Taseko Mines, Ltd. (A)	16,100	33,092
Tecsys, Inc.	609	25,329
TerraVest Industries, Inc.	600	13,035
The North West Company, Inc.	2,406	65,126
Tidewater Midstream and Infrastructure, Ltd.	6,650	6,834
Timbercreek Financial Corp.	6,000	45,583
TLC Vision Corp. (A)(C)	3,400	0
Torex Gold Resources, Inc. (A)	5,460	56,760
Total Energy Services, Inc. (A)	3,132	14,930
TransAlta Corp.	15,282	169,740

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
TransAlta Renewables, Inc.	6,098	\$ 90,389
Transcontinental, Inc., Class A	4,783	76,796
Treasury Metals, Inc. (A)	1,301	792
Trevali Mining Corp. (A)	3,713	5,049
Trican Well Service, Ltd. (A)	26,009	56,955
Tricon Residential, Inc.	9,442	144,509
Trisura Group, Ltd. (A)	1,900	71,632
Turquoise Hill Resources, Ltd. (A)	5,450	89,616
Uni-Select, Inc. (A)	3,401	69,206
Vecima Networks, Inc.	479	5,419
Vermilion Energy, Inc. (A)	6,800	85,474
Wajax Corp.	1,300	24,942
Wesdome Gold Mines, Ltd. (A)	8,000	72,793
Western Forest Products, Inc.	25,850	43,119
Westshore Terminals Investment Corp. (B)	1,589	33,691
Whitecap Resources, Inc.	35,380	209,491
WildBrain, Ltd. (A)	10,382	28,234
Winpak, Ltd.	1,577	46,339
Yamana Gold, Inc.	40,341	169,662
Yellow Pages, Ltd.	200	2,160
Zenith Capital Corp. (A)	1,700	187
		13,074,275
Chile - 0.0%		
Aclara Resources, Inc. (A)	2,271	1,993
China - 0.1%		
Fosun Tourism Group (A)(B)(D)	11,400	15,332
Goodbaby International Holdings, Ltd. (A)	71,000	9,111
Hygeia Healthcare Holdings Company, Ltd. (D)	7,800	48,854
		73,297
Denmark - 2.2%		
ALK-Abello A/S (A)	301	157,974
Alm Brand A/S	28,240	54,859
Amagerbanken A/S (A)(C)	25,580	0
Asetek A/S (A)	1,629	7,573
Bang & Olufsen A/S (A)	7,788	33,168
Bavarian Nordic A/S (A)(B)	3,285	134,918
Better Collective A/S (A)	917	19,862
CBrain A/S	389	16,778
Chemometec A/S	721	91,299
Columbus A/S	6,187	9,056
D/S Norden A/S	1,788	45,393
Dfds A/S (A)	1,395	74,558
FLSmith & Company A/S	2,221	83,026
H Lundbeck A/S	1,368	35,223
H+H International A/S, Class B (A)	1,146	40,409
INVISIO AB	1,065	19,262
ISS A/S (A)	7,129	135,171
Jeudan A/S	380	15,998
Jyske Bank A/S (A)	2,627	135,130
Lan & Spar Bank A/S	225	21,595
Matas A/S	2,910	55,575
Netcompany Group A/S (D)	1,609	172,518
Nilfisk Holding A/S (A)	903	29,441
NKT A/S (A)	2,018	97,607
NNIT A/S (D)	479	8,387
NTG Nordic Transport Group A/S (A)	635	51,744
Per Aarsleff Holding A/S	883	41,334
Ringkjoebing Landbobank A/S	1,224	164,512
Royal Unibrew A/S	2,377	267,372
Scandinavian Tobacco Group A/S (D)	3,178	66,753
Schouw & Company A/S	666	58,001
SimCorp A/S	1,846	201,199
Solar A/S, B Shares	410	49,909

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Denmark (continued)		
SP Group A/S	203	\$ 13,708
Spar Nord Bank A/S	4,967	63,572
Sparekassen Sjaelland-Fyn A/S (A)	507	12,812
Sydbank AS	3,132	98,994
TCM Group A/S	507	12,374
The Drilling Company of 1972 A/S (A)	908	35,429
Tivoli A/S (A)	102	12,667
Topdanmark AS	2,239	125,592
United International Enterprises, Ltd.	128	36,514
Zealand Pharma A/S (A)(B)	1,273	28,096
		2,835,362
Finland - 2.4%		
Aktia Bank OYJ	2,328	32,355
Alma Media OYJ	1,962	24,109
Anora Group OYJ	837	10,362
BasWare OYJ (A)	538	18,318
Bittium OYJ (B)	2,708	16,368
Cargotec OYJ, B Shares	2,007	100,162
Caverion OYJ	3,325	24,155
Citycon OYJ (B)	4,136	32,963
Enento Group OYJ (A)(D)	860	32,435
Finnair OYJ (A)(B)	44,891	30,415
Fiskars OYJ ABP	2,196	57,539
F-Secure OYJ	7,159	40,359
Harvia OYJ	846	56,572
HKScan OYJ, A Shares	316	599
Huhtamaki OYJ	4,496	198,862
Kamux Corp.	1,688	22,027
Kemira OYJ	4,940	74,849
Kojamo OYJ	5,330	128,979
Konecranes OYJ	2,937	117,656
Lassila & Tikanoja OYJ	1,929	29,584
Lehto Group OYJ (A)	1,738	1,702
Marimekko OYJ	127	12,160
Metsa Board OYJ, B Shares	9,171	89,850
Multitude SE (A)	459	1,987
Musti Group OYJ (A)	1,222	43,259
Neles OYJ	6,038	93,976
Nokian Renkaat OYJ	6,368	240,618
Olvi OYJ, A Shares	721	42,094
Oriola OYJ, B Shares	9,290	21,279
Orion OYJ, Class A	982	40,432
Orion OYJ, Class B	4,360	181,109
Outokumpu OYJ (A)	16,202	101,605
Pihlajalinna OYJ	1,193	17,235
Ponsse OYJ	543	26,188
QT Group OYJ (A)	770	116,625
Raisio OYJ, V Shares	8,267	31,724
Rapala VMC OYJ (A)	908	9,015
Revenio Group OYJ	1,101	69,624
Rovio Entertainment OYJ (D)	1,642	12,350
Sanoma OYJ	4,094	63,210
Taaleri OYJ	956	12,173
Talenom OYJ	637	8,520
Terveystalo OYJ (D)	2,964	39,848
TietoEVRY OYJ	4,031	125,918
Tokmanni Group Corp.	2,438	54,578
Uponor OYJ	2,530	59,931
Vaisala OYJ, A Shares	952	57,828
Valmet OYJ	6,841	293,312
Verkkokauppa.com OYJ	1,047	8,517
Wartsila OYJ ABP	10,139	142,207
YIT OYJ	8,449	41,551
		3,109,093

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
France - 4.7%		
ABC arbitrage	1,219	\$ 9,916
AKWEL	725	17,895
Albioma SA	1,751	68,369
ALD SA (D)	3,848	56,620
Altamir	752	21,726
Alten SA	1,382	249,345
Assystem SA	763	32,608
Aubay	399	28,421
Axway Software SA	531	16,249
Bastide le Confort Medical	256	13,100
Beneteau SA (A)	2,839	46,079
Bigben Interactive	460	8,476
Boiron SA	274	11,166
Bonduelle SCA	1,027	24,386
Burelle SA	15	11,084
Casino Guichard Perrachon SA (A)	2,173	57,322
Catana Group (A)	1,588	11,920
Cegedim SA (A)	495	13,473
CGG SA (A)	29,813	21,674
Chargeurs SA	1,491	44,198
Cie des Alpes (A)	998	15,751
Cie Plastic Omnium SA	3,159	82,002
Claranova SE (A)(B)	1,250	7,904
Coface SA	5,646	80,449
DBV Technologies SA (A)(B)	1,786	6,149
Delta Plus Group	116	12,467
Derichebourg SA (A)	6,625	76,653
Ekinops SAS (A)	1,302	11,499
Electricite de Strasbourg SA	31	3,972
Elior Group SA (A)(D)	8,308	60,183
Elis SA (A)	9,898	171,486
Eramet SA (A)	445	36,549
ESI Group (A)	197	16,692
Etablissements Maurel et Prom SA (A)	1,561	4,057
Eurazeo SE	1,586	138,371
Eutelsat Communications SA	9,105	111,122
Exel Industries SA, A Shares	89	7,824
Faurecia SE	5,689	270,660
Fnac Darty SA	1,052	68,846
Gaztransport Et Technigaz SA	1,087	101,423
Groupe Crit	163	11,524
Guerbet	326	13,890
Haulotte Group SA (A)	962	5,249
ID Logistics Group (A)	176	73,453
Imerys SA	1,845	76,649
Infotel SA	133	8,541
Interparfums SA	462	38,701
Ipsen SA	114	10,432
IPSOS	2,460	115,236
JCDecaux SA (A)	2,376	59,489
Kaufman & Broad SA	901	37,903
Korian SA	3,776	119,609
Lagardere SA (A)	3,040	84,034
Laurent-Perrier	110	12,952
Lectra	1,618	77,308
LISI	1,205	38,883
LNA Sante SA	166	9,514
Lumibird (A)	632	17,250
Maisons du Monde SA (D)	1,925	44,553
Manitou BF SA	880	27,658
Manutan International	105	8,608
Mersen SA	1,171	49,328
Metropole Television SA	1,324	25,908
Neoen SA (A)(D)	1,095	47,530
Nexans SA	1,883	184,118

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
France (continued)		
Nexity SA	1,974	\$ 92,957
NRJ Group	782	5,004
Orpea SA	1,358	136,191
Pharmagest Interactive	161	17,233
Plastivaloire	383	2,754
Quadiant SA	2,721	59,260
Recylex SA (A)(C)	1,058	2,226
Rexel SA (A)	14,693	297,569
Robertet SA	28	31,056
Rothschild & Company	1,855	85,254
Rubis SCA	3,860	115,426
Samse SA	48	11,273
Savencia SA	372	25,932
SCOR SE	7,559	235,980
SMCP SA (A)(D)	1,921	15,933
Societe BIC SA	1,252	67,356
Societe LDC SA	80	8,820
Societe pour l'Informatique Industrielle	438	24,052
SOITEC (A)	1,082	265,102
Solocal Group (A)(B)	6,121	8,539
Somfy SA	326	65,490
Sopra Steria Group SACA	839	150,565
SPIE SA	6,716	173,982
Stef SA	202	23,416
Synergie SE	557	23,117
Technicolor SA (A)	3,955	12,667
Technip Energies NV (A)	4,570	66,856
Television Francaise 1	3,803	37,788
Thermador Groupe	453	52,258
Tikehau Capital SCA	1,533	40,530
Trigano SA	463	89,855
Valeo	5,916	178,405
Vallourec SA (A)	2,750	27,511
Verallia SA (D)	2,380	83,858
Vetquinol SA	155	23,356
Vicat SA	1,201	49,205
VIEL & Cie SA	3,220	21,346
Vilmorin & Cie SA	614	37,522
Virbac SA	180	86,918
Wavestone	331	20,466
		6,019,434
Gabon - 0.0%		
Total Gabon	20	3,136
Georgia - 0.1%		
Bank of Georgia Group PLC	2,491	56,491
Georgia Capital PLC (A)	1,145	10,998
TBC Bank Group PLC	239	5,353
		72,842
Germany - 6.3%		
l&l AG	2,192	59,829
7C Solarparken AG	3,210	15,806
Aareal Bank AG	2,902	94,692
Adesso SE	90	21,328
ADVA Optical Networking SE (A)	3,719	59,473
AIXTRON SE	706	14,300
Allgeier SE	498	31,551
Amadeus Fire AG	197	40,636
Atoss Software AG	218	53,784
Aurubis AG	1,823	182,230
Basler AG	162	29,201
BayWa AG	1,025	45,051
Bechtle AG	294	20,921
Bertrandt AG	394	25,563
Bijou Brigitte AG (A)	340	8,423

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Germany (continued)		
Bilfinger SE	1,781	\$ 60,234
Borussia Dortmund GmbH & Company KGaA (A)(B)	4,276	21,073
CANCOM SE	2,024	135,704
CECONOMY AG (A)	8,144	35,037
CENIT AG	446	7,033
Cewe Stiftung & Company KGAA	268	39,025
Commerzbank AG (A)	11,272	85,279
CompuGroup Medical SE & Company KgaA	1,368	110,301
CropEnergies AG	1,544	21,503
CTS Eventim AG & Company KGaA (A)	429	31,357
Dermapharm Holding SE	849	86,201
Deutsche Beteiligungs AG	1,067	48,431
Deutsche EuroShop AG	2,527	42,036
Deutsche Lufthansa AG (A)(B)	6,567	45,982
Deutsche Pfandbriefbank AG (D)	7,700	92,246
Deutz AG (A)	7,260	54,149
DIC Asset AG	3,005	52,523
Dr. Hoenle AG (B)	420	18,629
Draegerwerk AG & Company KGaA	82	5,020
Duerr AG	2,558	116,254
Eckert & Ziegler Strahlen- und Medizintechnik AG	808	86,349
Elmos Semiconductor SE	215	14,270
ElringKlinger AG (A)	2,576	32,272
Encavis AG	3,974	70,083
Energiekontor AG	226	18,236
Evotec SE (A)	1,588	76,659
Fielmann AG	1,241	83,313
First Sensor AG	433	22,425
flatexDEGIRO AG (A)(B)	2,072	47,467
Fraport AG Frankfurt Airport Services Worldwide (A)	1,626	108,871
Freenet AG	6,277	165,888
Fuchs Petrolub SE	1,085	38,010
GEA Group AG	7,088	387,142
Gerresheimer AG	1,515	145,666
GFT Technologies SE	961	50,341
GRENKE AG	500	17,381
H&R GmbH & Company KGaA (A)	1,324	10,554
Hamburger Hafen und Logistik AG	1,330	31,143
Heidelberger Druckmaschinen AG (A)	18,003	54,026
Hella GmbH & Company KGaA	1,867	126,684
Hornbach Baumarkt AG	590	31,914
Hornbach Holding AG & Company KGaA	497	74,639
HUGO BOSS AG	3,312	200,488
Hypoport SE (A)	149	86,417
Indus Holding AG	975	36,318
Instone Real Estate Group SE (D)	2,299	43,326
IVU Traffic Technologies AG	728	17,467
Jenoptik AG	2,990	126,169
JOST Werke AG (D)	517	29,066
K+S AG (A)	9,654	166,068
Kloeckner & Company SE (A)	5,538	67,414
Koenig & Bauer AG (A)	912	32,414
Krones AG	775	84,309
KWS Saat SE & Company KGaA	607	50,387
LANXESS AG	4,346	268,751
Leifheit AG	437	18,198
Leoni AG (A)	2,398	26,876
Manz AG (A)(B)	233	13,198
Medigene AG (A)	760	2,468
METRO AG	3,920	41,122
MLP SE	5,864	56,992

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Germany (continued)		
Nagaro SE (A)	498	\$ 114,042
New Work SE	128	31,693
Nexus AG	866	70,553
Nordex SE (A)(B)	6,207	97,352
Norma Group SE	1,576	60,840
OHB SE	399	16,315
PATRIZIA AG	2,719	63,382
Pfeiffer Vacuum Technology AG	256	62,945
PNE AG	3,180	30,426
ProSiebenSat.1 Media SE	10,428	165,658
PSI Software AG	815	42,930
PVA TePla AG (A)	629	29,883
q.beyond AG (A)	6,549	14,636
Rheinmetall AG	2,219	208,830
SAF-Holland SE (A)	3,149	44,085
Salzgitter AG (A)	1,978	70,671
Scout24 SE (D)	2,989	208,711
Secunet Security Networks AG	53	24,848
SGL Carbon SE (A)	3,072	26,842
Siltronic AG (B)	981	156,926
Sirius Real Estate, Ltd.	40,212	77,143
Sixt SE (A)	694	122,430
SMA Solar Technology AG (B)	563	23,782
Software AG	2,610	103,984
STRATEC SE	407	63,843
Stroer SE & Company KGaA	1,454	114,716
Suedzucker AG	3,535	53,299
SUESS MicroTec SE (A)	1,803	42,960
TAG Immobilien AG	7,456	208,263
Takkt AG	1,848	32,241
Technotrans SE	530	17,802
thyssenkrupp AG (A)	16,532	181,118
Traffic Systems SE	106	4,014
United Internet AG	3,980	157,792
va-Q-Tec AG (A)(B)	318	9,107
Varta AG (B)	624	80,753
VERBIO Vereinigte BioEnergie AG	1,482	100,878
Vossloh AG	859	44,072
Wacker Chemie AG	495	73,587
Wacker Neuson SE	2,039	58,324
Washtec AG	611	38,154
Westwing Group AG (A)	385	9,620
Wuestenrot & Wuertembergische AG	1,566	31,474
Zeal Network SE	809	36,612
		8,099,122
Gibraltar - 0.1%		
888 Holdings PLC	15,858	65,071
Greece - 0.0%		
Alapis Holding Industrial & Commercial SA of Pharmaceutical Chemical Products (A)(C)	3,303	69
TT Hellenic Postbank SA (A)(C)	12,594	0
		69
Guernsey, Channel Islands - 0.0%		
Raven Property Group, Ltd. (A)	4,994	2,302
Hong Kong - 2.1%		
3D-Gold Jewellery Holdings, Ltd. (A)(C)	90,000	0
Aidigong Maternal & Child Health, Ltd. (A)(B)	108,000	11,913
Allied Group, Ltd.	120,000	42,053
APAC Resources, Ltd.	18,475	2,701
Apollo Future Mobility Group, Ltd. (A)	56,000	3,233
Asia Financial Holdings, Ltd.	14,000	6,556
ASM Pacific Technology, Ltd.	10,400	112,390

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
Associated International Hotels, Ltd.	28,000	\$ 45,243
Blue River Holdings, Ltd. (A)	74,400	915
BOE Varitronix, Ltd.	28,000	36,032
Brightoil Petroleum Holdings, Ltd. (A)(C)	117,000	12,942
Burwill Holdings, Ltd. (A)(C)	292,000	1,198
Cafe de Coral Holdings, Ltd.	18,000	32,093
Cathay Pacific Airways, Ltd. (A)(B)	49,000	40,158
Chen Hsong Holdings	10,000	3,077
Cheuk Nang Holdings, Ltd.	3,708	1,189
China Energy Development Holdings, Ltd. (A)	634,000	12,288
China Solar Energy Holdings, Ltd. (A)(C)	42,500	0
China Strategic Holdings, Ltd. (A)	885,000	5,223
Chinese Estates Holdings, Ltd.	22,000	8,084
Chow Sang Sang Holdings International, Ltd.	22,000	30,741
Chuang's Consortium International, Ltd.	30,948	3,652
CITIC Telecom International Holdings, Ltd.	59,000	19,906
CMBC Capital Holdings, Ltd.	10,750	6,659
C-Mer Eye Care Holdings, Ltd.	18,000	15,907
Crystal International Group, Ltd. (D)	19,000	6,387
CSI Properties, Ltd.	245,066	6,512
Dah Sing Banking Group, Ltd.	18,000	15,379
Dah Sing Financial Holdings, Ltd.	6,520	19,748
Dynamic Holdings, Ltd.	8,000	10,479
EC Healthcare	13,000	18,578
EganaGoldpfeil Holdings, Ltd. (A)(C)	103,373	0
Emperor Capital Group, Ltd. (A)	192,000	1,921
Emperor Entertainment Hotel, Ltd.	40,000	4,312
Emperor International Holdings, Ltd.	97,333	11,614
Esprit Holdings, Ltd. (A)	176,850	16,111
Fairwood Holdings, Ltd.	3,500	6,958
Far East Consortium International, Ltd.	86,473	31,504
First Pacific Company, Ltd.	146,000	53,756
Giordano International, Ltd.	82,000	15,678
Gold-Finance Holdings, Ltd. (A)(C)	62,000	0
Great Eagle Holdings, Ltd.	10,197	28,524
G-Resources Group, Ltd. (A)	33,580	12,071
Guotai Junan International Holdings, Ltd.	207,000	28,686
Haitong International Securities Group, Ltd.	114,070	24,601
Hang Lung Group, Ltd.	31,000	66,284
Hanison Construction Holdings, Ltd.	27,441	4,576
Harbour Centre Development, Ltd.	38,000	33,954
HKBN, Ltd.	36,000	44,180
HKR International, Ltd.	51,920	20,665
Hong Kong Ferry Holdings Company, Ltd.	29,000	20,392
Hong Kong Technology Venture Company, Ltd.	28,000	30,535
Hongkong Chinese, Ltd.	66,000	4,915
Hsin Chong Group Holdings, Ltd. (A)(C)	170,000	7,631
Hutchison Port Holdings Trust	161,400	36,255
Hutchison Telecommunications Hong Kong Holdings, Ltd.	80,000	12,834
Hysan Development Company, Ltd.	25,000	77,288
Johnson Electric Holdings, Ltd.	20,883	44,286
K Wah International Holdings, Ltd.	80,000	30,883
Kerry Logistics Network, Ltd.	24,000	58,730
Kerry Properties, Ltd.	28,500	74,224
Kingston Financial Group, Ltd. (A)	38,000	1,879
Kowloon Development Company, Ltd.	22,000	29,067
Lai Sun Development Company, Ltd. (A)	22,980	12,544
Landing International Development, Ltd. (A)	75,600	2,260

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
Langham Hospitality Investments, Ltd. (A)	22,500	\$ 2,423
Lifestyle International Holdings, Ltd. (A)	25,000	13,764
Lippo China Resources, Ltd.	36,000	560
Liu Chong Hing Investment, Ltd.	16,000	15,903
Luk Fook Holdings International, Ltd.	15,000	40,426
Mandarin Oriental International, Ltd. (A)	8,000	17,914
Mason Group Holdings, Ltd. (A)	1,548,800	3,969
Melco International Development, Ltd. (A)	33,000	40,271
MH Development, Ltd. (A)(C)	16,000	1,071
Midland Holdings, Ltd. (A)	34,734	4,191
Miramar Hotel & Investment	15,000	24,639
Modern Dental Group, Ltd.	20,000	14,205
NewOcean Energy Holdings, Ltd. (A)(B)	66,000	491
NWS Holdings, Ltd.	52,000	48,781
Oriental Watch Holdings	18,000	11,266
Oshidori International Holdings, Ltd. (A)	204,000	14,674
Pacific Andes International Holdings, Ltd. (A)(C)	328,006	0
Pacific Basin Shipping, Ltd.	239,000	87,859
Pacific Century Premium Developments, Ltd. (A)	2,376	183
Pacific Textiles Holdings, Ltd.	42,000	19,831
Paliburg Holdings, Ltd. (A)	46,000	11,789
PC Partner Group, Ltd.	12,000	20,998
PCCW, Ltd.	156,590	79,340
Peace Mark Holdings, Ltd. (A)(C)	164,000	0
Perfect Medical Health Management, Ltd.	32,000	23,251
Pico Far East Holdings, Ltd.	60,000	9,770
Public Financial Holdings, Ltd.	24,000	8,004
Regal Hotels International Holdings, Ltd. (A)	36,000	14,138
Regina Miracle International Holdings, Ltd. (D)	17,000	14,172
Sa Sa International Holdings, Ltd. (A)	48,000	10,279
Shangri-La Asia, Ltd. (A)	46,000	38,426
Shenwan Hongyuan HK, Ltd.	20,000	2,386
Shun Tak Holdings, Ltd. (A)	80,250	22,136
Singamas Container Holdings, Ltd.	114,000	17,136
SJM Holdings, Ltd. (A)	95,000	64,004
SmarTone Telecommunications Holdings, Ltd.	31,500	16,775
Solomon Systech International, Ltd. (B)	72,000	7,120
South China Holdings Company, Ltd. (A)	640,000	6,563
Stella International Holdings, Ltd.	20,000	24,193
Summit Ascent Holdings, Ltd. (A)	90,000	1,705
Sun Hung Kai & Company, Ltd.	45,000	24,015
SUNeVision Holdings, Ltd.	18,000	17,061
Tao Heung Holdings, Ltd.	14,000	1,634
Television Broadcasts, Ltd. (A)	19,100	11,536
Texhong Textile Group, Ltd.	11,000	14,530
Texwinca Holdings, Ltd.	60,000	11,930
The Bank of East Asia, Ltd.	23,800	34,201
The Hongkong & Shanghai Hotels, Ltd. (A)	31,903	28,039
The United Laboratories International Holdings, Ltd.	42,000	23,445
Theme International Holdings, Ltd. (A)	90,000	10,042
Town Health International Medical Group, Ltd. (A)	261,361	14,789
Tradelink Electronic Commerce, Ltd.	50,000	7,437
Transport International Holdings, Ltd.	11,721	19,247
Upbest Group, Ltd.	164,000	17,247
Value Partners Group, Ltd.	40,000	19,976
Vitasoy International Holdings, Ltd.	26,000	52,575
VSTECs Holdings, Ltd.	21,200	19,893

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
VTech Holdings, Ltd.	6,900	\$ 54,045
Wai Kee Holdings, Ltd.	24,000	11,301
Wealthking Investments, Ltd. (A)	32,000	3,289
Wing On Company International, Ltd.	4,000	9,023
Wing Tai Properties, Ltd.	70,000	37,965
Yue Yuen Industrial Holdings, Ltd. (A)	30,000	50,219
Yunfeng Financial Group, Ltd. (A)(B)	26,000	4,503
Zensun Enterprises, Ltd. (B)	21,000	10,399
Zhaobangji Properties Holdings, Ltd. (A)	88,000	4,963
		2,648,264
Ireland - 0.7%		
AIB Group PLC (A)	3,760	9,162
AIB Group PLC (London Stock Exchange) (A)	9,959	24,234
Bank of Ireland Group PLC (A)	10,584	59,942
Bank of Ireland Group PLC (London Stock Exchange) (A)	33,477	191,975
C&C Group PLC (A)	22,471	71,002
Cairn Homes PLC	15,034	19,294
Cairn Homes PLC (London Stock Exchange)	9,684	12,480
COSMO Pharmaceuticals NV (A)	362	26,015
Dalata Hotel Group PLC (A)	6,155	26,017
FBD Holdings PLC (A)	778	6,720
Glanbia PLC	1,213	16,947
Glanbia PLC (London Stock Exchange)	7,811	112,330
Glenveagh Properties PLC (A)(D)	24,326	34,059
Grafton Group PLC	11,437	192,030
Greencore Group PLC (A)	23,830	41,946
Hostelworld Group PLC (A)(D)	3,065	2,859
Irish Continental Group PLC (A)	5,309	27,360
Keywords Studios PLC	1,446	57,922
Permanent TSB Group Holdings PLC (A)	5,786	10,631
		942,925
Isle of Man - 0.1%		
Hansard Global PLC	6,816	4,450
Playtech PLC (A)	15,546	154,895
Strix Group PLC	6,042	24,836
		184,181
Israel - 1.8%		
Adgar Investment and Development, Ltd.	4,535	11,831
AFI Properties, Ltd.	603	39,939
Africa Israel Residences, Ltd.	201	12,902
Airport City, Ltd. (A)	1	13
Allot, Ltd. (A)	2,103	24,775
Alrov Properties and Lodgings, Ltd. (A)	399	24,484
Ashtröm Group, Ltd.	2,084	56,436
AudioCodes, Ltd.	1,729	60,065
Azorim-Investment Development & Construction Company, Ltd. (A)	3,848	22,999
Bet Shemesh Engines Holdings 1997, Ltd. (A)	358	7,848
BioLine RX, Ltd. (A)	48,850	6,711
Blue Square Real Estate, Ltd.	215	19,426
Camtek, Ltd. (A)	1,035	47,732
Carasso Motors, Ltd.	2,020	13,277
Cellcom Israel, Ltd. (A)	2,791	15,642
Clal Insurance Enterprises Holdings, Ltd. (A)	1,967	50,360
Danel Adir Yeoshua, Ltd.	184	41,593
Delek Automotive Systems, Ltd.	1,858	26,305
Delek Group, Ltd. (A)	277	22,714
Delta Galil Industries, Ltd.	618	42,489
Duniec Brothers, Ltd.	142	10,323

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Israel (continued)		
Electra Consumer Products 1970, Ltd.	445	\$ 25,702
Electra Real Estate, Ltd.	1,543	30,717
Electra, Ltd.	91	63,031
Energix-Renewable Energies, Ltd.	8,191	34,682
Enlight Renewable Energy, Ltd. (A)	35,332	86,529
Equital, Ltd. (A)	992	38,011
Evogene, Ltd. (A)	3,768	6,180
Fattal Holdings 1998, Ltd. (A)	137	13,803
Formula Systems 1985, Ltd.	549	66,938
Fox Wizel, Ltd.	488	87,634
Gav-Yam Lands Corp., Ltd.	5,000	61,755
Gilat Satellite Networks, Ltd.	1,452	10,373
Hadera Paper, Ltd.	244	17,835
Harel Insurance Investments & Financial Services, Ltd.	4,995	56,703
Hilan, Ltd.	803	53,703
IDI Insurance Company, Ltd.	440	16,028
Ilex Medical, Ltd.	211	11,021
Inrom Construction Industries, Ltd.	4,264	21,130
Isracard, Ltd.	6,691	32,973
Israel Canada T.R, Ltd.	3,667	23,585
Israel Discount Bank, Ltd., Class A	1	5
Israel Land Development - Urban Renewal, Ltd.	789	13,460
Isras Investment Company, Ltd.	142	37,596
Kamada, Ltd. (A)	1,616	10,665
Kerur Holdings, Ltd.	418	13,432
M Yochananof & Sons, Ltd.	155	11,740
Magic Software Enterprises, Ltd.	1,349	28,617
Malam - Team, Ltd.	476	17,375
Matrix IT, Ltd.	2,095	63,597
Mediterranean Towers, Ltd.	4,044	12,295
Mega Or Holdings, Ltd.	757	34,703
Mehadrin, Ltd. (A)	15	886
Menora Mivtachim Holdings, Ltd.	1,766	41,748
Migdal Insurance & Financial Holdings, Ltd.	27,734	45,637
Mivtach Shamir Holdings, Ltd.	397	14,613
Naphtha Israel Petroleum Corp., Ltd. (A)	2,030	14,568
Nawi Brothers, Ltd.	1,396	14,290
Neto Malinda Trading, Ltd. (A)	451	15,986
Novolog, Ltd. (B)	20,186	19,270
Oil Refineries, Ltd. (A)	102,102	29,239
One Software Technologies, Ltd.	1,700	33,798
OPC Energy, Ltd. (A)	4,056	45,418
Partner Communications Company, Ltd. (A)	6,688	54,354
Paz Oil Company, Ltd. (A)	525	65,283
Perion Network, Ltd. (A)	1,368	33,176
Plasson Industries, Ltd.	241	16,974
Plus500, Ltd.	4,106	75,739
Prashkovsky Investments & Construction, Ltd.	318	13,064
Priortech, Ltd. (A)	398	15,141
Rami Levy Chain Stores Hashikma Marketing 2006, Ltd.	449	33,688
Sano-Brunos Enterprises, Ltd.	145	16,797
Scope Metals Group, Ltd.	377	15,705
Shikun & Binui, Ltd. (A)	1	6
Shufersal, Ltd.	4,263	35,482
Summit Real Estate Holdings, Ltd. (A)	2,363	49,724
Tadiran Group, Ltd.	86	11,997
Tel Aviv Stock Exchange, Ltd.	3,160	17,050
Tera Light, Ltd. (A)	1,766	4,260
Tiv Taam Holdings 1, Ltd.	3,848	13,766

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Israel (continued)		
Tremor International, Ltd. (A)	2,825	\$ 21,110
YH Dimri Construction & Development, Ltd.	285	27,679
		2,356,130
Italy - 3.4%		
A2A SpA	85,615	166,831
ACEA SpA	2,494	53,287
Anima Holding SpA (D)	14,880	75,982
Aquafil SpA (A)	969	8,425
Arnoldo Mondadori Editore SpA (A)	12,613	29,221
Ascopiave SpA	4,243	16,718
Avio SpA	877	11,667
Azimut Holding SpA	6,169	172,462
Banca Generali SpA (A)	3,053	133,925
Banca IFIS SpA	1,607	31,043
Banca Mediolanum SpA	8,278	81,608
Banca Popolare di Sondrio SCPA	25,315	106,282
Banca Profilo SpA	24,032	5,851
Banco BPM SpA	92,714	277,595
Banco di Desio e della Brianza SpA	2,610	8,958
BFF Bank SpA (D)	8,562	68,848
BPER Banca	48,081	99,370
Brembo SpA	7,094	100,914
Brunello Cucinelli SpA (A)	1,411	96,982
Buzzi Unicem SpA	4,670	100,619
Cairo Communication SpA	4,712	10,946
Carel Industries SpA (D)	1,196	36,169
Cementir Holding NV	4,165	39,720
CIR SpA-Compagnie Industriali (A)	60,979	32,553
Credito Emiliano SpA	6,238	41,174
Danieli & C Officine Meccaniche SpA	788	24,146
Danieli & C Officine Meccaniche SpA, Savings Shares	2,118	41,397
De' Longhi SpA	2,969	106,216
DeA Capital SpA (A)	4,665	6,930
doValue SpA (D)	1,965	18,752
Enav SpA (A)(D)	5,063	22,663
ERG SpA	2,919	94,272
Esprinet SpA	3,554	52,046
Eurotech SpA (A)	1,562	8,969
Fincantieri SpA (A)(B)	18,635	12,806
Geox SpA (A)	8,390	10,193
Gruppo MutuiOnline SpA	1,697	85,439
Hera SpA	41,143	171,005
Illimity Bank SpA (A)	3,374	50,501
IMMSI SpA (A)(B)	6,756	3,347
Interpump Group SpA	1,411	103,357
Iren SpA	30,720	92,455
Italgas SpA	24,861	170,891
Italmobiliare SpA	1,039	38,359
Juventus Football Club SpA (A)	58,054	22,673
La Doria SpA	503	9,412
Leonardo SpA (A)	17,860	127,663
Maire Tecnimont SpA	10,323	48,787
MFE-MediaForEurope NV, Class A (A)	18,917	19,286
MFE-MediaForEurope NV, Class B	18,917	26,736
OVS SpA (A)(D)	11,708	33,891
Pharmanutra SpA	268	22,963
Piaggio & C SpA	11,658	38,139
Pirelli & C. SpA (D)	17,419	120,810
Prima Industrie SpA (A)	178	3,723
RAI Way SpA (D)	5,678	33,635
Reply SpA	1,027	208,591
Sabaf SpA	338	9,176
SAES Getters SpA	409	11,509

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Italy (continued)		
SAES Getters SpA, Savings Shares	538	\$ 10,785
Safilo Group SpA (A)	2,378	4,239
Saipem SpA (A)(B)	30,422	63,786
Salvatore Ferragamo SpA (A)	2,452	62,868
Saras SpA (A)	28,012	17,547
Sesa SpA	391	77,052
Sogefi SpA (A)	3,551	4,770
SOL SpA	2,802	67,343
Tamburi Investment Partners SpA	5,435	61,089
Technogym SpA (D)	6,815	65,504
Tinexta SpA	1,069	46,333
Tod's SpA (A)	590	32,961
Unieuro SpA (D)	1,088	25,950
Unipol Gruppo SpA	22,660	122,712
UnipolSai Assicurazioni SpA	9,024	25,400
Webuild SpA	14,544	34,401
Zignago Vetro SpA	1,669	32,837
		4,413,465
Japan - 22.1%		
A&D Company, Ltd.	900	9,888
Access Company, Ltd. (A)	2,300	14,143
Achilles Corp.	1,000	10,862
Adastria Company, Ltd.	920	12,963
ADEKA Corp.	4,700	104,974
Ad-sol Nissin Corp.	800	12,442
Advan Group Company, Ltd.	1,000	8,441
Aeon Delight Company, Ltd.	800	23,448
Aeon Fantasy Company, Ltd.	400	6,472
AEON Financial Service Company, Ltd.	2,900	31,281
Aeon Hokkaido Corp.	1,800	19,839
Aeria, Inc. (B)	700	2,434
Ai Holdings Corp.	1,900	31,813
Aica Kogyo Company, Ltd.	1,800	52,108
Aichi Corp.	3,200	22,509
Aichi Steel Corp.	700	15,157
Aida Engineering, Ltd.	4,500	41,845
Aiful Corp.	15,500	47,957
Ain Holdings, Inc.	1,100	54,830
Aiphone Company, Ltd.	600	11,096
Airport Facilities Company, Ltd.	1,200	5,736
Aisan Industry Company, Ltd.	2,500	16,640
Aizawa Securities Group Company, Ltd.	2,400	21,324
Akatsuki, Inc.	400	10,020
Akebono Brake Industry Company, Ltd. (A)	9,400	15,117
Albis Company, Ltd.	500	9,763
Alconix Corp.	1,600	18,651
Alpen Company, Ltd.	1,100	20,440
Alps Alpine Company, Ltd.	10,900	102,809
Altech Corp.	1,100	18,188
Amano Corp.	2,200	50,656
Amuse, Inc.	400	7,287
Amvis Holdings, Inc.	600	27,569
Anest Iwata Corp.	1,800	13,933
Anicom Holdings, Inc.	3,700	26,661
Anritsu Corp.	5,700	88,031
AOKI Holdings, Inc.	3,100	16,649
Aoyama Trading Company, Ltd. (A)	2,500	14,545
Aoyama Zaisan Networks Company, Ltd. (B)	1,100	14,554
Aozora Bank, Ltd.	1,300	28,431
Arakawa Chemical Industries, Ltd.	1,400	14,496
Arata Corp.	700	26,826
Arcland Service Holdings Company, Ltd. (B)	1,000	19,675

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Arcs Company, Ltd.	2,125	\$ 39,465
Arealink Company, Ltd.	500	6,684
Argo Graphics, Inc.	1,000	27,992
Arisawa Manufacturing Company, Ltd.	2,900	24,892
ARTERIA Networks Corp.	1,600	21,500
ArtSpark Holdings, Inc. (B)	3,200	26,218
Aruhi Corp.	1,800	16,357
Asahi Company, Ltd.	800	10,075
Asahi Diamond Industrial Company, Ltd.	3,900	22,149
Asahi Holdings, Inc.	3,600	64,306
Asahi Yukizai Corp.	1,200	18,011
Asanuma Corp.	700	33,481
Asia Pile Holdings Corp.	3,300	12,917
ASKA Pharmaceutical Holdings Company, Ltd.	1,600	14,004
ASKUL Corp.	2,000	26,682
Atrae, Inc. (A)	600	12,649
Atsugi Company, Ltd. (A)	1,200	5,896
Autobacs Seven Company, Ltd.	3,000	36,603
Aval Data Corp.	600	13,618
Avant Corp.	900	9,394
Avex, Inc.	900	11,278
Axell Corp.	100	1,043
Axial Retailing, Inc.	800	23,463
Bando Chemical Industries, Ltd.	2,500	19,432
Bank of the Ryukyus, Ltd.	3,000	19,887
Belc Company, Ltd.	500	24,481
Bell System24 Holdings, Inc.	2,400	26,095
Belluna Company, Ltd.	3,300	20,317
Benesse Holdings, Inc.	3,700	72,658
BeNext-Yumeshin Group Company	2,185	32,190
Bengo4.com, Inc. (A)(B)	300	15,885
Bic Camera, Inc.	3,500	29,302
BML, Inc.	1,000	31,094
Bourbon Corp.	500	10,463
Br. Holdings Corp.	2,300	6,982
BrainPad, Inc. (A)	900	11,890
Broadleaf Company, Ltd. (B)	4,600	17,444
Bunka Shutter Company, Ltd.	5,000	46,692
Business Brain Showa-Ota, Inc.	700	12,474
C Uyemura & Company, Ltd.	800	42,941
CAC Holdings Corp.	900	11,361
Can Do Company, Ltd. (B)	90	1,761
Canon Electronics, Inc.	1,700	23,444
Carenet, Inc.	1,200	11,169
Carlit Holdings Company, Ltd.	2,100	12,872
Cawachi, Ltd.	900	17,236
CellSource Company, Ltd. (A)	600	28,300
Central Automotive Products, Ltd.	500	12,922
Central Glass Company, Ltd.	1,900	35,241
Central Security Patrols Company, Ltd.	700	14,681
Central Sports Company, Ltd.	600	12,778
Ceres, Inc.	600	12,743
Charm Care Corp. KK	1,000	12,672
Chilled & Frozen Logistics Holdings Company, Ltd.	1,600	23,410
Chino Corp.	400	5,820
Chiyoda Company, Ltd.	800	5,409
Chiyoda Corp. (A)	9,100	27,814
Chiyoda Integre Company, Ltd.	800	14,073
Chofu Seisakusho Company, Ltd.	1,700	30,152
Chori Company, Ltd.	1,200	19,063
Chubu Shiryo Company, Ltd.	2,000	17,132
Chudenko Corp.	1,900	35,107
Chuetsu Pulp & Paper Company, Ltd.	500	4,179

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Chugai Ro Company, Ltd.	500	\$ 7,071
Chugoku Marine Paints, Ltd.	4,000	33,016
CI Takiron Corp.	3,000	14,676
Citizen Watch Company, Ltd.	16,000	69,255
CKD Corp.	2,400	48,753
Cleanup Corp.	2,100	9,980
CMIC Holdings Company, Ltd.	1,200	15,970
CMK Corp.	3,700	22,311
COLOPL, Inc.	3,200	18,283
Computer Engineering & Consulting, Ltd.	1,800	16,990
Comture Corp.	1,000	31,315
CONEXIO Corp.	1,300	16,668
COOKPAD, Inc. (A)	2,700	6,091
Corona Corp.	300	2,365
Cosel Company, Ltd.	1,200	8,912
Cosmo Energy Holdings Company, Ltd.	2,900	56,660
Cota Company, Ltd.	484	6,943
CRE, Inc.	800	11,579
Create Restaurants Holdings, Inc. (A)	2,500	15,702
Create SD Holdings Company, Ltd.	1,700	47,075
Credit Saison Company, Ltd.	8,100	85,182
Cresco, Ltd.	800	14,543
CROOZ, Inc. (A)	600	5,094
CTS Company, Ltd.	1,900	13,905
Curves Holdings Company, Ltd.	600	4,144
Cybozu, Inc.	900	14,313
Dai Nippon Toryo Company, Ltd.	1,200	8,630
Daibiru Corp.	3,400	65,535
Daicel Corp.	9,100	62,977
Dai-Dan Company, Ltd.	1,000	19,983
Daido Metal Company, Ltd.	1,900	10,016
Daido Steel Company, Ltd.	1,300	47,218
Daidoh, Ltd. (A)	2,000	2,539
Daihen Corp.	1,100	45,697
Daiho Corp.	800	27,641
Daiichi Jitsugyo Company, Ltd.	400	17,228
Daiichi Kigenso Kagaku-Kogyo Company, Ltd.	1,800	19,422
Daiichikosho Company, Ltd.	300	9,083
Daiken Corp.	1,000	18,866
Daiken Medical Company, Ltd.	400	1,947
Daiki Aluminium Industry Company, Ltd.	3,000	41,775
Daikoku Denki Company, Ltd.	800	8,409
Daikokutenbussan Company, Ltd.	300	13,440
Daikyonishikawa Corp.	1,900	9,670
Dainichiseika Color & Chemicals Manufacturing Company, Ltd.	300	6,116
Daiseki Company, Ltd.	2,160	95,957
Daishi Hokuetsu Financial Group, Inc.	2,200	48,544
Daishinku Corp.	1,600	21,686
Daito Pharmaceutical Company, Ltd.	700	18,063
Daitron Company, Ltd.	600	11,189
Daiwa Industries, Ltd.	2,000	21,968
Daiwabo Holdings Company, Ltd.	4,000	63,973
DCM Holdings Company, Ltd.	6,500	60,170
DeNA Company, Ltd.	4,300	66,215
Densan System Holdings Company, Ltd. (B)	700	16,627
Denyo Company, Ltd.	900	14,459
Dexerials Corp.	3,500	126,332
DIC Corp. (B)	2,900	73,105
Digital Arts, Inc.	700	51,148
Digital Garage, Inc.	1,600	67,980
Digital Hearts Holdings Company, Ltd.	900	18,249
Digital Holdings, Inc.	600	6,875

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Dip Corp.	1,500	\$ 51,062
DKK Company, Ltd.	1,000	21,776
DKS Company, Ltd.	400	11,180
DMG Mori Company, Ltd.	4,600	79,142
Doshisha Company, Ltd.	1,700	23,148
Doutor Nichires Holdings Company, Ltd.	2,300	32,056
Dowa Holdings Company, Ltd.	1,900	79,971
DTS Corp.	1,800	39,534
Duskin Company, Ltd.	2,100	51,293
DyDo Group Holdings, Inc.	700	28,849
Eagle Industry Company, Ltd.	2,200	21,111
Earth Corp.	800	42,692
Ebara Jitsugyo Company, Ltd. (B)	800	17,315
Ebase Company, Ltd.	1,200	6,743
EDION Corp.	5,000	46,678
EF-ON, Inc.	1,500	8,060
eGuarantee, Inc.	1,300	26,156
E-Guardian, Inc.	900	26,695
Eiken Chemical Company, Ltd.	1,800	30,212
Eizo Corp.	800	28,113
Elan Corp.	2,800	27,045
Elecom Company, Ltd.	1,600	21,058
Electric Power Development Company, Ltd.	4,900	65,119
Elematec Corp.	1,400	13,153
Enigma, Inc.	2,400	15,952
en-japan, Inc.	1,200	33,913
Enplas Corp.	600	14,229
eRex Company, Ltd.	1,900	33,766
ES-Con Japan, Ltd.	1,500	10,219
ESPEC Corp.	1,600	31,027
Exedy Corp.	1,900	27,506
Ezaki Glico Company, Ltd.	1,900	60,473
FAN Communications, Inc.	2,000	6,751
FCC Company, Ltd.	2,200	28,630
FDK Corp. (A)	1,100	9,585
Feed One Company, Ltd.	1,600	9,751
Ferrotec Holdings Corp.	1,600	58,638
FIDEA Holdings Company, Ltd.	2,140	24,888
Fields Corp.	1,500	6,661
Fixstars Corp.	2,000	15,512
Foster Electric Company, Ltd.	2,100	13,317
France Bed Holdings Company, Ltd.	2,200	17,633
Fronteo, Inc. (B)	1,900	54,282
Fudo Tetra Corp.	1,080	15,729
Fuji Company, Ltd.	1,400	23,795
Fuji Corp. (Aichi)	2,600	58,316
Fuji Corp., Ltd.	1,300	7,837
Fuji Kyuko Company, Ltd.	900	31,912
Fuji Media Holdings, Inc.	2,000	19,245
Fuji Oil Company, Ltd.	4,400	9,777
Fuji Oil Holdings, Inc.	2,500	50,487
Fuji Pharma Company, Ltd.	1,400	12,512
Fuji Seal International, Inc.	2,100	38,665
Fuji Soft, Inc.	900	43,422
Fujiibo Holdings, Inc.	700	24,941
Fujicco Company, Ltd.	1,500	24,536
Fujikura Kasei Company, Ltd.	2,000	8,690
Fujikura, Ltd. (A)	11,000	53,997
Fujimi, Inc.	500	33,667
Fujimori Kogyo Company, Ltd.	800	28,604
Fujisash Company, Ltd.	4,900	3,192
Fujitec Company, Ltd.	1,900	41,643
Fujiya Company, Ltd.	500	9,856
Fukuda Corp.	200	7,498

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Fukuda Denshi Company, Ltd.	500	\$ 37,333
Fukui Computer Holdings, Inc.	300	9,012
Fukushima Galilei Company, Ltd.	500	20,754
Fukuyama Transporting Company, Ltd.	1,000	34,167
FULLCAST Holdings Company, Ltd.	1,000	21,397
Funai Soken Holdings, Inc.	1,800	40,951
Furukawa Company, Ltd.	1,900	20,986
Furukawa Electric Company, Ltd.	3,400	68,693
Furuno Electric Company, Ltd.	2,400	25,230
Furyu Corp.	1,300	15,482
Fuso Chemical Company, Ltd.	1,000	42,193
Fuso Pharmaceutical Industries, Ltd.	500	11,303
Futaba Corp.	1,600	9,725
Futaba Industrial Company, Ltd.	3,400	12,864
Future Corp.	2,400	36,497
Fuyo General Lease Company, Ltd.	900	62,395
G-7 Holdings, Inc.	2,000	29,333
Gakken Holdings Company, Ltd.	1,600	14,554
Gecoss Corp.	400	2,870
Genki Sushi Company, Ltd.	500	11,078
Genky DrugStores Company, Ltd.	600	32,012
Geo Holdings Corp.	2,700	29,098
Giftee, Inc. (A)	600	10,211
GLOBERIDE, Inc.	1,200	32,969
Glory, Ltd.	2,100	40,001
GMO Financial Holdings, Inc.	1,600	11,752
GMO GlobalSign Holdings KK (B)	500	18,196
GNI Group, Ltd. (A)	2,100	27,089
Goldcrest Company, Ltd.	990	13,929
Golf Digest Online, Inc. (B)	800	8,247
Grace Technology, Inc.	1,700	5,500
Gremz, Inc.	800	17,180
GS Yuasa Corp.	3,000	66,751
G-Tekt Corp.	1,200	14,913
Gun-Ei Chemical Industry Company, Ltd.	400	13,191
GungHo Online Entertainment, Inc. (B)	2,000	44,960
Gunze, Ltd.	800	28,096
H.U. Group Holdings, Inc.	2,200	55,815
H2O Retailing Corp.	4,900	34,533
Hagihara Industries, Inc.	800	8,872
Hagiwara Electric Holdings Company, Ltd.	500	9,110
Hakuto Company, Ltd.	1,300	29,898
Halows Company, Ltd.	600	14,737
Hamakyorex Company, Ltd.	1,000	25,258
Hanwa Company, Ltd.	1,600	45,393
Happinet Corp.	1,000	13,051
Hazama Ando Corp.	10,090	75,936
Heiwa Corp.	2,700	44,464
Heiwa Real Estate Company, Ltd.	1,500	50,557
Heiwado Company, Ltd.	2,000	33,569
Hennege KK (A)	1,000	16,766
Hibiya Engineering, Ltd.	1,500	26,819
HI-LEX Corp.	600	7,817
Hinokiya Group Company, Ltd.	300	5,727
Hioki EE Corp.	500	38,256
Hirano Tecseed Company, Ltd.	1,100	30,726
Hirata Corp.	500	27,743
Hirogin Holdings, Inc.	13,500	80,810
Hiroshima Gas Company, Ltd.	4,900	15,680
Hisaka Works, Ltd.	2,000	15,011
Hitachi Zosen Corp.	9,000	62,404
Hochiki Corp.	600	6,792
Hodogaya Chemical Company, Ltd.	700	35,990
Hogy Medical Company, Ltd.	800	22,655
Hokkaido Electric Power Company, Inc.	11,100	49,645

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Hokkaido Gas Company, Ltd.	600	\$ 7,959
Hokkan Holdings, Ltd.	1,000	12,616
Hokko Chemical Industry Company, Ltd.	700	5,653
Hokkoku Financial Holdings, Inc.	1,500	33,250
Hokuetsu Corp.	7,900	49,385
Hokuetsu Industries Company, Ltd.	2,000	17,511
Hokuhoku Financial Group, Inc.	5,900	46,880
Hokuriku Electric Power Company	9,400	47,873
Hokuto Corp.	1,600	26,552
H-One Company, Ltd.	1,000	5,879
Honeys Holdings Company, Ltd.	1,350	11,957
Hoosiers Holdings	3,400	20,077
Hosiden Corp.	3,900	39,067
Hosokawa Micron Corp.	1,000	29,621
Ichigo, Inc.	15,700	38,243
Ichikoh Industries, Ltd.	2,300	10,913
Ichinen Holdings Company, Ltd.	1,900	22,064
Ichiyoshi Securities Company, Ltd.	2,800	16,051
Icom, Inc.	500	10,570
IDEC Corp.	1,600	38,723
IDOM, Inc.	3,900	24,515
Iino Kaiun Kaisha, Ltd.	7,300	34,675
IJTT Company, Ltd.	1,200	7,082
Ikegami Tsushinki Company, Ltd.	400	2,360
I'll, Inc.	1,100	13,843
Imasen Electric Industrial	500	2,577
Imuraya Group Company, Ltd.	300	5,820
Inaba Denki Sangyo Company, Ltd.	2,700	63,435
Inaba Seisakusho Company, Ltd.	200	2,383
Inabata & Company, Ltd.	2,000	29,196
Inageya Company, Ltd.	900	10,846
Ines Corp.	900	11,828
i-Net Corp.	900	10,893
Infocom Corp.	1,000	18,954
Infomart Corp.	8,700	70,741
Information Services		
International-Dentsu, Ltd.	1,400	47,132
INFRONEER Holdings, Inc.	6,468	58,881
Insource Company, Ltd.	600	14,670
Intage Holdings, Inc.	3,100	47,377
I-PEX, Inc.	500	8,508
IR Japan Holdings, Ltd.	400	23,858
Iriso Electronics Company, Ltd.	1,000	37,711
Iseki & Company, Ltd.	1,200	14,418
Isetan Mitsukoshi Holdings, Ltd.	2,100	15,520
Ishihara Sangyo Kaisha, Ltd.	2,100	21,745
ITFOR, Inc.	1,000	7,027
ITmedia, Inc.	900	14,534
Itochu Enex Company, Ltd.	3,800	32,916
Itochu-Shokuhin Company, Ltd.	300	13,028
Itoham Yonekyu Holdings, Inc.	5,100	29,182
Itoki Corp.	2,100	6,521
IwaiCosmo Holdings, Inc.	900	10,598
Izumi Company, Ltd.	1,400	39,261
J Front Retailing Company, Ltd.	8,800	80,132
J Trust Company, Ltd.	4,900	24,221
JAC Recruitment Company, Ltd.	1,200	21,762
Jaccs Company, Ltd.	1,600	41,217
JAFCO Group Company, Ltd.	1,400	80,544
Jalux, Inc. (A)	500	11,087
Jamco Corp. (A)	500	4,190
JANOME Corp.	1,200	7,246
Japan Asset Marketing Company, Ltd. (A)	14,200	20,110
Japan Aviation Electronics Industry, Ltd.	3,000	51,992
Japan Cash Machine Company, Ltd. (A)	700	4,118

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Japan Elevator Service Holdings Company, Ltd.	2,200	\$ 41,096
Japan Investment Adviser Company, Ltd. (B)	1,000	11,316
Japan Lifeline Company, Ltd.	2,600	24,811
Japan Material Company, Ltd.	3,700	60,953
Japan Medical Dynamic Marketing, Inc.	900	14,644
Japan Petroleum Exploration Company, Ltd.	2,000	43,552
Japan Property Management Center Company, Ltd.	800	6,968
Japan Pulp & Paper Company, Ltd.	600	21,498
Japan Securities Finance Company, Ltd.	5,500	45,915
Japan Transcity Corp.	3,100	19,125
Jastec Company, Ltd.	400	3,684
JBCC Holdings, Inc.	1,200	18,618
JCU Corp.	1,300	61,800
JGC Holdings Corp.	10,700	89,385
Jimoto Holdings, Inc.	980	5,495
JINS Holdings, Inc.	800	48,787
JM Holdings Company, Ltd.	600	8,594
JMS Company, Ltd.	500	2,666
J-Oil Mills, Inc.	1,200	17,435
Joshin Denki Company, Ltd.	1,100	20,480
Joyful Honda Company, Ltd. (B)	1,900	24,332
JSB Company, Ltd.	400	10,992
JSP Corp.	800	11,372
Juki Corp.	1,400	10,320
Juroku Financial Group, Inc.	1,700	32,066
JVCKenwood Corp.	9,070	13,895
K&O Energy Group, Inc.	800	9,996
Kaga Electronics Company, Ltd.	1,100	31,265
Kagome Company, Ltd.	1,400	36,472
Kaken Pharmaceutical Company, Ltd.	1,300	47,597
Kakiyasu Honten Company, Ltd.	500	12,211
Kamakura Shinsho, Ltd.	1,200	6,344
Kameda Seika Company, Ltd.	700	26,042
Kamei Corp.	2,000	18,137
Kamigumi Company, Ltd.	700	13,255
Kanaden Corp.	1,100	10,172
Kanagawa Chuo Kotsu Company, Ltd.	700	20,943
Kanamic Network Company, Ltd.	600	2,557
Kanamoto Company, Ltd.	1,900	39,859
Kandenko Company, Ltd.	4,700	35,016
Kaneka Corp.	1,400	45,967
Kanematsu Corp.	3,500	38,991
Kanematsu Electronics, Ltd.	700	24,159
Kanto Denka Kogyo Company, Ltd.	2,000	19,703
Kasai Kogyo Company, Ltd. (A)	1,000	2,549
Katakura Industries Company, Ltd. (A)(B)	1,700	36,473
Kato Sangyo Company, Ltd.	1,100	32,070
Kato Works Company, Ltd.	400	2,884
Kawada Technologies, Inc.	200	7,442
KeePer Technical Laboratory Company, Ltd.	500	9,656
Keihanshin Building Company, Ltd.	2,000	27,169
Keiyo Company, Ltd.	3,400	25,042
Kenko Mayonnaise Company, Ltd.	900	10,490
KFC Holdings Japan, Ltd.	1,500	37,746
KH Neochem Company, Ltd.	900	24,882
Kimoto Company, Ltd.	3,000	5,899
Kintetsu World Express, Inc.	1,600	41,519
Kissei Pharmaceutical Company, Ltd.	1,100	21,585
Ki-Star Real Estate Company, Ltd.	600	46,540
Kitanotatsujin Corp.	3,300	9,599

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Kito Corp.	800	\$ 13,812
Kitz Corp.	4,600	28,474
KLab, Inc. (A)	2,100	9,047
Koa Corp.	1,700	23,804
Koatsu Gas Kogyo Company, Ltd.	3,000	20,578
Kobe Electric Railway Company, Ltd. (A)	300	8,236
Kobe Steel, Ltd.	13,000	65,188
Kohnan Shoji Company, Ltd.	1,200	35,312
Kojima Company, Ltd.	3,000	14,132
Kokuyo Company, Ltd.	3,800	56,699
Komatsu Matere Company, Ltd.	2,000	22,198
KOMEDA Holdings Company, Ltd.	2,600	46,342
Komeri Company, Ltd.	1,500	33,388
Komori Corp.	3,700	22,131
Kondotec, Inc.	1,300	11,327
Konica Minolta, Inc.	21,700	99,017
Konishi Company, Ltd.	2,200	33,119
Konoike Transport Company, Ltd.	2,600	27,854
Krosaki Harima Corp.	400	15,334
K's Holdings Corp.	7,300	70,937
Kumagai Gumi Company, Ltd.	1,800	44,935
Kumiai Chemical Industry Company, Ltd.	3,400	23,389
Kurabo Industries, Ltd.	1,600	27,220
Kureha Corp.	800	57,159
Kurimoto, Ltd.	1,000	13,698
Kusuri no Aoki Holdings Company, Ltd.	700	44,360
KYB Corp.	1,000	28,057
Kyodo Printing Company, Ltd.	500	12,450
Kyoei Steel, Ltd.	1,800	22,152
Kyokuto Kaihatsu Kogyo Company, Ltd.	2,300	30,580
Kyokuto Securities Company, Ltd.	2,300	14,952
Kyokuyo Company, Ltd.	700	18,731
KYORIN Holdings, Inc.	1,900	30,485
Kyosan Electric Manufacturing Company, Ltd.	2,000	8,057
Kyudenko Corp.	1,700	52,532
Kyushu Financial Group, Inc.	20,200	73,386
LAC Company, Ltd.	1,400	9,101
Lacto Japan Company, Ltd.	800	16,814
LEC, Inc.	1,600	12,029
Life Corp.	800	23,696
LIFULL Company, Ltd.	3,800	7,997
Link And Motivation, Inc.	2,300	11,013
Lintec Corp.	1,900	43,584
Litalico, Inc.	600	21,034
Locondo, Inc.	400	4,500
M&A Capital Partners Company, Ltd. (A)	600	27,490
Mabuchi Motor Company, Ltd.	2,300	76,075
Macnica Fuji Electronics Holdings, Inc.	2,650	63,412
Macromill, Inc.	2,300	22,171
Maeda Kosen Company, Ltd.	1,100	37,533
Maezawa Kasei Industries Company, Ltd. (B)	1,100	12,301
Maezawa Kyuso Industries Company, Ltd.	1,800	16,693
Makino Milling Machine Company, Ltd.	1,200	42,944
Management Solutions Company, Ltd. (A)	1,300	40,388
Mandom Corp.	1,600	19,695
Mani, Inc.	3,200	44,412
MarkLines Company, Ltd.	400	9,593
Mars Group Holdings Corp.	700	10,254
Marubun Corp.	200	1,467
Marudai Food Company, Ltd.	1,600	21,220
Maruha Nichiro Corp.	1,500	31,425
Maruichi Steel Tube, Ltd.	2,200	48,746
Marusan Securities Company, Ltd.	4,700	21,218

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Maruwa Company, Ltd.	300	\$ 42,474
Maruwa Unyu Kikan Company, Ltd. (B)	1,100	13,951
Maruzen Company, Ltd.	800	14,779
Maruzen Showa Unyu Company, Ltd.	800	22,268
Marvelous, Inc.	1,400	8,890
Matsuda Sangyo Company, Ltd.	1,400	29,657
Matsui Securities Company, Ltd.	4,900	33,678
Max Company, Ltd.	2,000	33,384
Maxell, Ltd.	2,200	26,186
Maxvalu Tokai Company, Ltd.	1,100	26,396
MCJ Company, Ltd.	3,200	30,127
Mebuki Financial Group, Inc.	37,200	76,571
MEC Company, Ltd.	1,500	52,169
Media Do Company, Ltd.	600	21,381
Medical Data Vision Company, Ltd.	1,700	18,379
Medikit Company, Ltd.	500	12,392
MedPeer, Inc. (A)	600	18,681
Megachips Corp.	1,100	49,254
Megmilk Snow Brand Company, Ltd.	1,800	31,207
Meidensha Corp.	1,800	42,900
Meiko Electronics Company, Ltd.	1,200	49,614
Meisei Industrial Company, Ltd.	3,000	19,804
Meitec Corp.	1,300	76,526
Meito Sangyo Company, Ltd.	900	13,304
Melco Holdings, Inc.	500	17,675
Members Company, Ltd.	400	8,396
Menicon Company, Ltd.	1,000	29,580
METAWATER Company, Ltd.	1,600	28,112
Micronics Japan Company, Ltd.	2,100	33,814
Midac Holdings Company, Ltd. (B)	500	17,673
Mie Kotsu Group Holdings, Inc.	3,700	15,526
Milbon Company, Ltd.	1,112	55,165
Mimasu Semiconductor Industry Company, Ltd.	1,400	32,264
Ministop Company, Ltd.	1,100	13,439
Mirainovate Company, Ltd. (A)(B)	3,300	6,026
Mirait Holdings Corp.	4,240	69,945
Miroku Jyoho Service Company, Ltd.	700	8,401
Mitani Corp.	2,000	35,308
Mitani Sekisan Company, Ltd. (B)	600	39,919
Mito Securities Company, Ltd.	6,300	14,941
Mitsuba Corp. (A)	2,300	8,984
Mitsubishi Logisnext Company, Ltd.	1,000	9,215
Mitsubishi Logistics Corp.	1,600	40,184
Mitsubishi Materials Corp.	1,900	32,653
Mitsubishi Paper Mills, Ltd. (A)	2,600	7,329
Mitsubishi Pencil Company, Ltd.	1,500	15,808
Mitsubishi Research Institute, Inc.	500	17,550
Mitsubishi Shokuhin Company, Ltd.	600	14,433
Mitsubishi Steel Manufacturing Company, Ltd.	1,000	9,154
Mitsuboshi Belting, Ltd.	1,000	18,757
Mitsui DM Sugar Holdings Company, Ltd.	1,000	16,868
Mitsui E&S Holdings Company, Ltd. (A)	4,600	15,245
Mitsui Matsushima Holdings Company, Ltd.	1,000	16,440
Mitsui Mining & Smelting Company, Ltd.	2,500	68,122
Mitsui-Soko Holdings Company, Ltd.	1,700	36,741
Mitsuuroko Group Holdings Company, Ltd.	3,200	33,801
Mixi, Inc.	1,800	31,522
Mizuho Leasing Company, Ltd.	1,400	38,825
Mizuno Corp.	1,400	27,300
Mochida Pharmaceutical Company, Ltd.	900	27,235
Modec, Inc.	1,700	20,361

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Monex Group, Inc.	8,000	\$ 48,806
Morinaga & Company, Ltd.	1,700	55,603
Morinaga Milk Industry Company, Ltd.	500	23,752
Morita Holdings Corp.	2,200	25,032
Morningstar Japan KK	1,300	7,279
MrMax Holdings, Ltd.	1,700	8,970
MTG Company, Ltd. (B)	1,300	16,574
m-up Holdings, Inc.	2,000	17,862
Musashi Seimitsu Industry Company, Ltd.	2,600	43,333
Nachi-Fujikoshi Corp.	600	21,508
Nafco Company, Ltd.	1,100	16,753
Nagano Keiki Company, Ltd.	1,800	24,643
Nagase & Company, Ltd.	5,100	82,662
Nagatanien Holdings Company, Ltd.	1,000	16,990
Nagawa Company, Ltd. (B)	300	29,720
Nakamura Company, Ltd.	300	9,544
Nakanishi, Inc.	1,800	33,151
Nakayama Steel Works, Ltd.	1,100	4,080
Namura Shipbuilding Company, Ltd. (A)	3,252	5,902
Nankai Electric Railway Company, Ltd.	4,600	87,026
Natori Company, Ltd.	700	12,441
NEC Capital Solutions, Ltd.	800	13,977
NEC Networks & System Integration Corp.	2,100	32,939
Neturen Company, Ltd.	2,300	11,664
Nextage Company, Ltd.	2,300	47,455
NHK Spring Company, Ltd.	9,100	77,407
Nice Corp.	600	8,810
Nichias Corp.	2,400	57,919
Nichiban Company, Ltd.	700	10,911
Nichicon Corp.	3,400	37,359
Nichiden Corp.	600	12,269
Nichiha Corp.	1,200	31,906
Nichi-iko Pharmaceutical Company, Ltd.	3,100	19,004
Nichireki Company, Ltd.	2,000	24,720
Nichirin Company, Ltd.	1,040	14,905
Nihon Chouzai Company, Ltd.	800	9,566
Nihon Flush Company, Ltd.	1,000	9,322
Nihon House Holdings Company, Ltd.	1,000	4,407
Nihon Kagaku Sangyo Company, Ltd.	1,000	12,039
Nihon Nohyaku Company, Ltd.	4,000	17,204
Nihon Parkerizing Company, Ltd.	3,900	38,171
Nihon Tokushu Toryo Company, Ltd.	1,000	7,586
Nikkiso Company, Ltd.	2,100	14,670
Nikkon Holdings Company, Ltd.	2,900	54,638
Nippon Corp.	2,700	38,909
Nippon Air Conditioning Services Company, Ltd.	1,600	11,286
Nippon Beet Sugar Manufacturing Company, Ltd.	900	13,349
Nippon Carbon Company, Ltd.	500	18,143
Nippon Chemical Industrial Company, Ltd.	700	16,561
Nippon Chemi-Con Corp. (A)	1,100	17,099
Nippon Coke & Engineering Company, Ltd.	18,000	20,665
Nippon Commercial Development Company, Ltd. (B)	1,100	16,451
Nippon Concrete Industries Company, Ltd.	2,600	6,309
Nippon Denko Company, Ltd.	6,530	16,582
Nippon Densetsu Kogyo Company, Ltd.	2,100	30,389
Nippon Electric Glass Company, Ltd.	3,800	97,431
Nippon Fine Chemical Company, Ltd.	800	16,610
Nippon Gas Company, Ltd.	5,400	71,591
Nippon Hume Corp.	2,000	12,049
Nippon Kanzai Company, Ltd.	400	10,053

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Nippon Kayaku Company, Ltd.	5,300	\$ 54,616
Nippon Kodoshi Corp.	800	19,427
Nippon Koei Company, Ltd.	1,000	27,748
Nippon Light Metal Holdings Company, Ltd.	2,820	42,346
Nippon Paper Industries Company, Ltd.	4,600	43,442
Nippon Parking Development Company, Ltd.	8,400	10,076
Nippon Pillar Packing Company, Ltd.	1,500	48,442
Nippon Rietec Company, Ltd.	300	4,054
Nippon Seiki Company, Ltd.	3,000	30,289
Nippon Sharyo, Ltd.	600	10,738
Nippon Shokubai Company, Ltd.	800	37,040
Nippon Signal Company, Ltd.	3,000	23,871
Nippon Soda Company, Ltd.	1,200	34,546
Nippon Steel Trading Corp.	972	42,439
Nippon Suisan Kaisha, Ltd.	13,000	61,445
Nippon Thompson Company, Ltd.	4,700	27,862
Nippon Yakin Kogyo Company, Ltd.	1,000	19,726
Nipro Corp.	6,000	56,802
Nishikawa Rubber Company, Ltd.	800	12,386
Nishimatsu Construction Company, Ltd.	2,300	72,883
Nishimatsuya Chain Company, Ltd.	1,600	19,189
Nishi-Nippon Financial Holdings, Inc.	7,000	45,211
Nishi-Nippon Railroad Company, Ltd.	3,000	68,038
Nishio Rent All Company, Ltd.	800	19,969
Nissan Shatai Company, Ltd.	3,400	20,849
Nissei ASB Machine Company, Ltd.	500	13,760
Nissei Plastic Industrial Company, Ltd.	1,600	14,574
Nissha Company, Ltd.	2,300	33,419
Nisshinbo Holdings, Inc.	6,168	46,956
Nissin Corp.	1,400	20,169
Nissin Electric Company, Ltd.	3,400	46,555
Nissin Sugar Company, Ltd.	1,100	16,402
Nisso Corp.	2,400	18,861
Nitta Corp.	1,300	33,315
Nittan Valve Company, Ltd.	1,200	2,914
Nittetsu Mining Company, Ltd.	300	17,227
Nitto Boseki Company, Ltd.	800	20,499
Nitto Kogyo Corp.	1,600	22,121
Nitto Kohki Company, Ltd.	1,000	15,898
Nitto Seiko Company, Ltd.	1,700	9,614
Noevir Holdings Company, Ltd.	800	37,505
Nohmi Bosai, Ltd.	1,300	25,454
Nojima Corp.	1,600	33,504
NOK Corp.	4,700	51,194
Nomura Micro Science Company, Ltd.	600	29,122
Noritake Company, Ltd.	700	30,522
Noritsu Koki Company, Ltd.	1,000	23,573
Noritz Corp.	2,100	30,664
North Pacific Bank, Ltd.	12,900	28,024
NS Tool Company, Ltd.	800	10,976
NS United Kaiun Kaisha, Ltd.	800	24,344
NSD Company, Ltd.	3,000	54,494
NTN Corp. (A)	18,400	38,432
Obara Group, Inc. (B)	600	18,054
Ohsho Food Service Corp.	700	37,184
Oiles Corp.	1,380	20,286
Oisix ra daichi, Inc. (A)	1,200	32,261
Okabe Company, Ltd.	2,600	16,400
Okamoto Industries, Inc.	600	22,045
Okamura Corp.	3,700	41,352
Okasan Securities Group, Inc.	7,000	23,174
Okii Electric Industry Company, Ltd.	4,700	36,965
Okinawa Cellular Telephone Company	400	17,789

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Okinawa Financial Group, Inc.	1,140	\$ 21,924
OKUMA Corp.	1,100	48,955
Okumura Corp.	1,600	44,926
Okura Industrial Company, Ltd.	800	15,223
Okuwa Company, Ltd.	1,000	8,267
Onoken Company, Ltd.	1,500	21,868
Onward Holdings Company, Ltd.	7,100	18,471
Optex Group Company, Ltd.	800	11,423
Optim Corp. (A)	700	8,013
Oporun Company, Ltd.	1,100	22,700
Organo Corp.	600	45,102
Orient Corp.	17,800	19,327
Oriental Shiraishi Corp. (A)	7,600	15,394
Origin Company, Ltd.	600	6,621
Oro Company, Ltd.	700	17,692
Osaka Organic Chemical Industry, Ltd.	800	23,104
Osaka Soda Company, Ltd.	800	21,137
Osaka Steel Company, Ltd.	700	7,043
OSAKA Titanium Technologies Company, Ltd. (A)	800	5,491
Osaki Electric Company, Ltd.	3,000	12,212
OSG Corp.	3,300	51,287
Outsourcing, Inc.	5,800	78,259
Oyo Corp.	1,300	24,286
Pacific Industrial Company, Ltd.	3,000	31,717
Pacific Metals Company, Ltd.	1,100	20,444
PAL GROUP Holdings Company, Ltd.	700	10,453
Paramount Bed Holdings Company, Ltd.	1,600	27,142
Paris Miki Holdings, Inc.	1,100	2,122
Park24 Company, Ltd. (A)	3,000	41,123
Pasona Group, Inc.	1,300	37,298
PC Depot Corp.	1,700	4,612
Penta-Ocean Construction Company, Ltd.	12,400	70,092
Pickles Corp.	800	12,591
Pigeon Corp. (B)	3,400	65,067
Pilot Corp.	1,200	45,938
Piolax, Inc.	2,100	32,123
Plenus Company, Ltd.	900	15,786
Poletowin Pitcrew Holdings, Inc.	2,000	18,026
Precision System Science Company, Ltd. (A)	500	2,109
Premium Group Company, Ltd.	800	26,262
Premium Water Holdings, Inc. (A)	400	9,724
Press Kogyo Company, Ltd.	7,000	23,748
Pressance Corp.	700	12,756
Prestige International, Inc.	5,000	29,070
Prima Meat Packers, Ltd.	1,500	32,379
Pronexus, Inc.	600	5,825
Proto Corp.	400	4,777
PS Mitsubishi Construction Company, Ltd.	2,600	13,719
Punch Industry Company, Ltd.	1,300	6,152
Qol Holdings Company, Ltd.	1,400	17,051
Raccoon Holdings, Inc. (B)	800	9,810
Raito Kogyo Company, Ltd.	2,400	41,339
Raiznext Corp.	3,300	33,576
Raysum Company, Ltd.	1,600	9,840
Relia, Inc.	2,100	17,824
Rengo Company, Ltd.	8,600	65,054
Resorttrust, Inc.	3,700	60,464
Restar Holdings Corp.	1,600	28,038
Retail Partners Company, Ltd.	300	3,578
Rheon Automatic Machinery Company, Ltd.	1,500	16,979
Ricoh Leasing Company, Ltd.	800	26,849
Riken Corp.	600	13,434

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Riken Keiki Company, Ltd.	400	\$ 20,429
Riken Technos Corp.	3,000	13,575
Riken Vitamin Company, Ltd.	1,400	20,768
Rion Company, Ltd.	500	10,235
Riso Kyoiku Company, Ltd.	9,300	31,808
Rock Field Company, Ltd.	1,000	13,107
Rokko Butter Company, Ltd.	600	8,115
Roland Corp.	300	10,239
Roland DG Corp.	900	29,316
Rorze Corp.	400	43,079
Ryobi, Ltd.	1,400	13,346
Ryoden Corp.	1,500	23,806
Ryosan Company, Ltd.	1,500	29,673
Ryoyo Electro Corp.	500	10,422
S Foods, Inc.	900	27,247
S&B Foods, Inc.	600	19,724
Sac's Bar Holdings, Inc.	600	2,703
Saibu Gas Holdings Company, Ltd.	1,500	27,747
Saint-Care Holding Corp.	1,900	12,996
Saizeriya Company, Ltd.	600	15,671
Sakai Chemical Industry Company, Ltd.	1,400	27,891
Sakai Moving Service Company, Ltd.	500	18,840
Sakata INX Corp.	3,100	26,795
Sakata Seed Corp.	200	5,713
Sala Corp.	3,000	16,477
SAMTY Company, Ltd.	1,600	30,554
San ju San Financial Group, Inc.	1,700	21,736
San-A Company, Ltd.	900	32,700
San-Ai Oil Company, Ltd.	3,500	40,628
Sangetsu Corp.	2,100	29,641
Sanken Electric Company, Ltd.	400	21,927
Sanki Engineering Company, Ltd.	2,000	25,035
Sankyo Company, Ltd.	1,900	49,253
Sankyo Seiko Company, Ltd.	3,200	15,498
Sankyo Tateyama, Inc.	2,500	15,732
Sanoh Industrial Company, Ltd.	1,900	15,640
Sanshin Electronics Company, Ltd.	700	8,972
Sanyo Chemical Industries, Ltd.	600	27,849
Sanyo Denki Company, Ltd.	400	20,980
Sanyo Electric Railway Company, Ltd.	1,600	28,063
Sanyo Shokai, Ltd. (A)	700	5,408
Sanyo Special Steel Company, Ltd.	1,400	24,823
Sanyo Trading Company, Ltd.	1,200	10,860
Sapporo Holdings, Ltd.	2,700	51,347
Sato Holdings Corp.	1,700	32,552
Sawada Holdings Company, Ltd.	1,000	10,629
Sawai Group Holdings Company, Ltd.	1,800	68,814
SB Technology Corp.	800	17,905
SBS Holdings, Inc.	900	25,534
Scroll Corp.	2,300	16,986
Seika Corp.	500	7,118
Seikagaku Corp.	1,700	13,915
Seikitokyu Kogyo Company, Ltd.	1,600	11,294
Seiko Holdings Corp.	1,400	27,329
Seino Holdings Company, Ltd.	1,000	10,135
Seiren Company, Ltd.	2,700	59,153
Sekisui Jushi Corp.	1,600	29,104
Sekisui Kasei Company, Ltd.	2,500	10,435
Senko Group Holdings Company, Ltd.	4,700	37,858
Senshu Electric Company, Ltd.	500	25,903
Senshu Ikeda Holdings, Inc.	17,200	25,408
Senshukai Company, Ltd. (B)	3,300	11,168
Septeni Holdings Company, Ltd.	4,800	20,293
Seria Company, Ltd.	400	11,586
Seven Bank, Ltd.	23,300	48,168

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Shibaura Electronics Company, Ltd.	500	\$ 37,972
Shibaura Machine Company, Ltd.	1,600	52,359
Shibaura Mechatronics Corp.	300	25,131
Shibuya Corp.	800	20,778
Shikibo, Ltd.	1,100	8,632
Shikoku Chemicals Corp.	3,000	36,804
Shikoku Electric Power Company, Inc.	5,600	39,588
Shima Seiki Manufacturing, Ltd.	1,200	20,586
Shinagawa Refractories Company, Ltd.	600	20,716
Shindengen Electric Manufacturing Company, Ltd. (A)	500	16,117
Shin-Etsu Polymer Company, Ltd.	3,000	28,855
Shinko Shoji Company, Ltd.	1,900	15,160
Shinmaywa Industries, Ltd.	2,400	18,257
Shinnihon Corp.	2,500	17,776
Shinoken Group Company, Ltd.	2,000	16,136
Shinwa Company, Ltd.	700	13,141
Ship Healthcare Holdings, Inc.	2,400	55,925
Shizuoka Gas Company, Ltd.	4,500	38,565
SHO-BOND Holdings Company, Ltd.	900	40,436
Shoei Company, Ltd.	1,200	47,310
Shoei Foods Corp.	700	23,368
Shofu, Inc.	600	10,662
Showa Sangyo Company, Ltd.	1,000	23,116
SIGMAXYZ Holdings, Inc.	900	20,464
Siix Corp.	1,600	19,703
Sinanen Holdings Company, Ltd.	800	25,288
Sinfonia Technology Company, Ltd.	1,600	18,262
Sinko Industries, Ltd.	1,500	26,238
Sintokogio, Ltd.	3,400	20,995
SKY Perfect JSAT Holdings, Inc.	7,800	28,483
Smaregi, Inc. (A)	400	7,428
SMK Corp.	300	5,953
Snow Peak, Inc. (B)	1,200	33,132
Sodick Company, Ltd.	2,400	17,080
Softcreate Holdings Corp.	700	26,430
Software Service, Inc.	200	11,263
Soken Chemical & Engineering Company, Ltd.	800	11,685
Solasto Corp.	3,200	34,381
Sotetsu Holdings, Inc.	2,400	43,965
Space Value Holdings Company, Ltd. (A)	2,000	19,965
Sparx Group Company, Ltd. (B)	7,400	19,249
S-Pool, Inc.	5,000	52,842
SRA Holdings	600	15,039
SRE Holdings Corp. (A)	400	25,187
ST Corp.	700	9,358
St. Marc Holdings Company, Ltd.	800	10,178
Star Mica Holdings Company, Ltd.	1,100	12,704
Star Micronics Company, Ltd.	2,300	30,995
Starts Corp., Inc.	1,900	41,517
Starzen Company, Ltd.	600	10,441
Stella Chemifa Corp.	800	18,418
Strike Company, Ltd.	700	31,125
Studio Alice Company, Ltd.	900	16,769
Sugimoto & Company, Ltd.	700	14,786
Sumida Corp.	1,600	17,638
Suminoe Textile Company, Ltd.	500	6,610
Sumitomo Bakelite Company, Ltd.	1,200	60,900
Sumitomo Densetsu Company, Ltd.	1,300	23,605
Sumitomo Mitsui Construction Company, Ltd.	6,000	22,325
Sumitomo Osaka Cement Company, Ltd.	1,500	46,131
Sumitomo Riko Company, Ltd.	2,400	12,394
Sumitomo Seika Chemicals Company, Ltd.	500	13,632

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Sun Frontier Fudousan Company, Ltd.	2,200	\$ 19,155
Suruga Bank, Ltd.	7,000	30,920
SWCC Showa Holdings Company, Ltd.	2,400	34,721
Systema Corp.	10,800	40,303
Syuppin Company, Ltd.	1,200	11,346
T Hasegawa Company, Ltd.	1,600	37,620
T RAD Company, Ltd.	500	12,169
T&K Toka Company, Ltd.	1,600	11,582
Tachibana Eletech Company, Ltd.	1,360	18,939
Tachi-S Company, Ltd.	2,400	26,380
Tadano, Ltd.	5,000	48,210
Taihei Dengyo Kaisha, Ltd.	1,000	24,950
Taiheiy Cement Corp.	600	11,849
Taiho Kogyo Company, Ltd.	1,200	8,477
Taikisha, Ltd.	900	24,518
Taiko Pharmaceutical Company, Ltd.	1,200	8,594
Taisei Lamick Company, Ltd.	500	11,880
Taiyo Holdings Company, Ltd.	2,000	60,495
Takamatsu Construction Group Company, Ltd.	1,000	17,132
Takaoka Toko Company, Ltd.	700	8,645
Takara Holdings, Inc.	3,200	34,035
Takara Leben Company, Ltd.	6,300	15,843
Takara Standard Company, Ltd.	2,200	27,036
Takasago International Corp.	1,200	30,161
Takasago Thermal Engineering Company, Ltd.	1,700	28,047
Takashimaya Company, Ltd.	7,500	69,875
Take And Give Needs Company, Ltd. (A)	200	1,675
Takeuchi Manufacturing Company, Ltd.	1,600	37,957
Takihyo Company, Ltd.	600	8,337
Takuma Company, Ltd.	3,000	37,155
Tama Home Company, Ltd. (B)	1,000	20,096
Tamron Company, Ltd.	1,500	37,215
Tamura Corp. (B)	6,000	34,934
Tanseisha Company, Ltd.	1,100	7,502
Tatsuta Electric Wire & Cable Company, Ltd.	4,200	17,449
Tayca Corp.	1,500	16,901
TBS Holdings, Inc.	700	10,147
TDC Soft, Inc.	1,200	12,052
TechMatrix Corp.	1,400	23,132
Techno Horizon Company, Ltd.	1,400	9,885
Teijin, Ltd.	3,600	44,310
Teikoku Electric Manufacturing Company, Ltd.	1,700	21,875
Teikoku Sen-I Company, Ltd.	1,200	24,238
Tekken Corp.	800	12,466
Tenma Corp.	1,000	22,980
T-Gaia Corp.	900	12,971
The 77 Bank, Ltd.	2,800	32,487
The Aichi Bank, Ltd.	600	24,312
The Akita Bank, Ltd.	1,100	15,635
The Aomori Bank, Ltd.	1,700	26,203
The Awa Bank, Ltd.	2,200	41,532
The Bank of Iwate, Ltd.	1,100	17,859
The Bank of Nagoya, Ltd.	1,100	26,240
The Bank of Saga, Ltd.	1,000	12,581
The Chiba Kogyo Bank, Ltd.	3,200	7,365
The Chugoku Bank, Ltd.	6,700	52,462
The Chukyo Bank, Ltd.	900	14,214
The Ehime Bank, Ltd.	2,100	15,218
The First Bank of Toyama, Ltd.	2,800	7,181
The Fukui Bank, Ltd.	1,800	21,970
The Fukushima Bank, Ltd. (A)	2,100	4,230

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
The Gunma Bank, Ltd.	14,200	\$ 43,422
The Hachijuni Bank, Ltd.	14,100	48,170
The Hyakugo Bank, Ltd.	12,500	37,345
The Hyakujushi Bank, Ltd.	1,700	22,237
The Iyo Bank, Ltd.	11,300	56,542
The Japan Steel Works, Ltd.	1,900	63,770
The Japan Wool Textile Company, Ltd.	4,000	31,834
The Keiyo Bank, Ltd.	4,400	17,795
The Kinki Sharyo Company, Ltd.	300	2,591
The Kita-Nippon Bank, Ltd.	700	9,679
The Kiyo Bank, Ltd.	3,800	46,614
The Michinoku Bank, Ltd.	1,400	9,965
The Miyazaki Bank, Ltd.	1,000	18,070
The Monogatari Corp.	400	23,486
The Musashino Bank, Ltd.	1,700	26,571
The Nagano Bank, Ltd.	800	8,716
The Nanto Bank, Ltd.	2,000	33,743
The Nippon Road Company, Ltd.	500	35,822
The Nisshin Oillio Group, Ltd.	1,200	30,274
The Ogaki Kyoritsu Bank, Ltd.	1,600	26,873
The Oita Bank, Ltd.	900	14,287
The Okinawa Electric Power Company, Inc.	1,990	25,214
The Pack Corp.	800	18,767
The San-In Godo Bank, Ltd.	8,000	45,019
The Shibusawa Warehouse Company, Ltd.	1,000	20,333
The Shiga Bank, Ltd.	2,200	39,561
The Shikoku Bank, Ltd.	2,800	18,866
The Shimizu Bank, Ltd.	500	6,916
The Sumitomo Warehouse Company, Ltd.	3,324	56,204
The Tochigi Bank, Ltd.	8,000	16,058
The Toho Bank, Ltd.	12,000	22,122
The Tohoku Bank, Ltd.	400	3,493
The Tottori Bank, Ltd.	400	4,032
The Towa Bank, Ltd.	2,900	13,667
The Yamagata Bank, Ltd.	2,000	15,085
The Yamanashi Chuo Bank, Ltd.	2,000	14,957
Tigers Polymer Corp.	1,000	3,984
TKC Corp.	1,200	36,073
Toa Corp. (Hyogo)	1,400	9,849
Toa Corp. (Tokyo) (B)	1,200	25,237
Toagosei Company, Ltd. (B)	4,300	43,258
Tobishima Corp.	720	6,380
TOC Company, Ltd.	3,400	19,640
Tocalo Company, Ltd.	3,200	41,044
Toda Corp.	8,400	53,213
Toda Kogyo Corp. (A)	300	11,493
Toenec Corp.	600	17,630
Toho Company, Ltd. (A)	600	6,696
Toho Holdings Company, Ltd.	2,400	36,631
Toho Titanium Company, Ltd.	3,000	24,636
Toho Zinc Company, Ltd.	800	15,896
Tokai Carbon Company, Ltd.	6,500	68,325
Tokai Corp.	1,200	20,615
TOKAI Holdings Corp.	4,000	30,230
Tokai Rika Company, Ltd.	2,600	35,041
Tokai Tokyo Financial Holdings, Inc.	11,500	39,438
Token Corp.	410	33,701
Tokushu Tokai Paper Company, Ltd.	600	21,505
Tokuyama Corp.	3,200	50,884
Tokyo Base Company, Ltd. (A)	900	4,723
Tokyo Electron Device, Ltd.	400	22,797
Tokyo Energy & Systems, Inc.	2,000	18,985
Tokyo Keiki, Inc.	1,000	8,699
Tokyo Kiraboshi Financial Group, Inc.	1,936	25,513

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Tokyo Rakutenchi Company, Ltd.	200	\$ 6,979
Tokyo Rope Manufacturing Company, Ltd. (A)	200	1,514
Tokyo Seimitsu Company, Ltd.	1,800	79,729
Tokyo Steel Manufacturing Company, Ltd.	5,100	61,174
Tokyo Tekko Company, Ltd.	800	9,214
Tokyo Theatres Company, Inc. (A)	900	9,496
Tokyotokeiba Company, Ltd.	600	22,224
Tokyu Construction Company, Ltd.	3,900	22,589
Tomato Bank, Ltd.	1,100	10,128
Tomen Devices Corp.	200	13,051
Tomoe Corp.	2,200	9,103
Tomoku Company, Ltd.	500	7,772
TOMONY Holdings, Inc.	10,600	29,182
Tomy Company, Ltd.	4,500	43,003
Tonami Holdings Company, Ltd.	500	16,946
Topcon Corp.	4,700	67,860
Topre Corp.	2,300	23,799
Topy Industries, Ltd.	1,300	12,614
Torex Semiconductor, Ltd.	700	20,437
Toridoll Holdings Corp.	2,800	60,546
Torii Pharmaceutical Company, Ltd.	1,100	27,515
Torishima Pump Manufacturing Company, Ltd.	900	7,490
Tosei Corp.	2,500	21,948
Toshiba TEC Corp.	1,100	45,064
Totetsu Kogyo Company, Ltd.	1,000	21,814
Towa Corp.	1,300	36,645
Towa Pharmaceutical Company, Ltd.	1,500	37,385
Toyo Construction Company, Ltd.	3,100	15,666
Toyo Corp.	1,100	10,671
Toyo Denki Seizo KK	600	5,577
Toyo Engineering Corp. (A)	2,200	13,538
Toyo Gosei Company, Ltd.	300	40,748
Toyo Ink SC Holdings Company, Ltd.	2,200	36,856
Toyo Kanetsu KK	400	8,724
Toyo Securities Company, Ltd.	6,000	7,719
Toyo Seikan Group Holdings, Ltd.	1,900	22,693
Toyo Tanso Company, Ltd.	1,000	27,844
Toyo Tire Corp.	2,300	35,906
Toyo Wharf & Warehouse Company, Ltd.	600	7,547
Toyobo Company, Ltd.	4,093	44,738
Toyoda Gosei Company, Ltd.	700	15,226
TPR Company, Ltd.	1,400	17,349
Trancom Company, Ltd.	400	31,100
Transaction Company, Ltd.	1,700	15,966
Transcosmos, Inc.	800	22,813
TRE Holdings Corp.	868	13,367
Tri Chemical Laboratories, Inc.	1,200	38,035
Trusco Nakayama Corp.	2,200	52,280
TS Tech Company, Ltd.	4,400	54,161
TSI Holdings Company, Ltd. (A)	5,270	15,528
Tsubaki Nakashima Company, Ltd.	2,300	29,385
Tsubakimoto Chain Company	1,600	43,969
Tsugami Corp.	1,600	24,410
Tsukishima Kikai Company, Ltd.	2,000	19,719
Tsukuba Bank, Ltd.	5,700	8,771
Tsumura & Company	2,400	68,359
Tsurumi Manufacturing Company, Ltd.	1,000	14,403
TV Asahi Holdings Corp.	700	8,714
UACJ Corp. (A)	1,903	44,069
Ube Industries, Ltd.	4,400	76,455
Ubicom Holdings, Inc.	500	13,125
Uchida Yoko Company, Ltd.	400	18,320
Ulvac, Inc.	900	56,298

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Uniden Holdings Corp.	400	\$ 12,727
Union Tool Company	700	24,193
Unipres Corp.	2,600	18,177
United Super Markets Holdings, Inc.	2,400	22,073
UNITED, Inc.	1,300	22,484
Unitika, Ltd. (A)	5,900	15,386
Universal Entertainment Corp. (A)	1,200	25,475
Ushio, Inc.	5,200	86,396
UT Group Company, Ltd.	1,500	56,336
UUUM Company, Ltd. (A)	800	5,585
Uzabase, Inc. (A)	800	10,194
V Technology Company, Ltd.	400	12,495
Valor Holdings Company, Ltd.	1,700	31,745
Valqua, Ltd.	1,000	23,570
ValueCommerce Company, Ltd.	900	35,021
Vector, Inc. (A)	3,100	31,670
Vital KSK Holdings, Inc.	3,500	24,540
VT Holdings Company, Ltd.	6,600	26,772
Wacoal Holdings Corp.	1,900	35,307
Wacom Company, Ltd.	8,000	63,651
Wakachiku Construction Company, Ltd.	900	14,636
Wakita & Company, Ltd.	2,300	21,534
Warabeya Nichiyo Holdings Company, Ltd.	900	16,144
Watahan & Company, Ltd.	600	6,598
WDB Holdings Company, Ltd.	700	18,837
Weathernews, Inc.	300	25,067
West Holdings Corp.	1,416	70,401
Will Group, Inc.	1,200	14,986
WIN-Partners Company, Ltd. (B)	1,000	8,652
World Company, Ltd.	700	7,232
World Holdings Company, Ltd.	600	13,530
Wowow, Inc.	600	9,154
Xebio Holdings Company, Ltd.	2,800	22,456
Yahagi Construction Company, Ltd.	2,000	13,314
Yaizu Suisankagaku Industry Company, Ltd.	1,100	8,703
YAKUODO Holdings Company, Ltd.	700	13,675
YAMABIKO Corp.	2,400	26,024
YAMADA Consulting Group Company, Ltd.	1,100	10,534
Yamaguchi Financial Group, Inc.	9,600	56,115
Yamaichi Electronics Company, Ltd.	1,700	34,373
YA-MAN, Ltd. (B)	1,700	14,197
Yamato Kogyo Company, Ltd.	2,100	68,061
Yamazen Corp.	3,900	36,518
Yaoko Company, Ltd.	800	48,614
Yasuda Logistics Corp.	1,400	11,992
Yellow Hat, Ltd.	2,000	28,781
Yodogawa Steel Works, Ltd.	1,200	26,578
Yokogawa Bridge Holdings Corp.	2,100	40,120
Yokorei Company, Ltd.	2,900	21,061
Yokowo Company, Ltd.	1,200	30,870
Yomeishu Seizo Company, Ltd.	500	7,808
Yondenko Corp.	1,200	17,947
Yondoshi Holdings, Inc.	1,300	19,906
Yorozu Corp.	1,800	16,803
Yuasa Trading Company, Ltd.	1,100	28,510
Yukiguni Maitake Company, Ltd.	1,000	10,403
Yurtec Corp.	2,000	11,688
Yushiro Chemical Industry Company, Ltd.	1,100	10,724
Zenrin Company, Ltd.	1,950	16,835
ZERIA Pharmaceutical Company, Ltd.	1,200	20,498
		28,661,544

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Jersey, Channel Islands - 0.2%		
Atrium European Real Estate, Ltd.	10,364	\$ 42,454
Bredon Group PLC	16,463	21,181
Centamin PLC	57,981	70,202
JTC PLC (D)	4,852	60,521
Sanne Group PLC	4,126	51,105
		245,463
Liechtenstein - 0.1%		
Liechtensteinische Landesbank AG	726	41,832
VP Bank AG, Class A	188	19,914
		61,746
Luxembourg - 0.6%		
APERAM SA	2,452	133,472
B&S Group Sarl (D)	983	8,000
Befesa SA (A)(D)	1,305	100,135
Corestate Capital Holding SA (A)(B)	623	7,949
Global Fashion Group SA (A)	1,789	9,007
Grand City Properties SA	5,978	141,993
IVS Group SA (A)(B)	880	5,726
L'Occitane International SA	17,000	68,755
RTL Group SA	241	12,773
SES SA	15,214	120,570
Shurgard Self Storage SA	1,086	71,212
Stabilus SA	1,221	89,498
Sword Group	278	13,858
		782,948
Macau - 0.0%		
MECOM Power and Construction, Ltd.	39,000	18,023
Malaysia - 0.0%		
Frencken Group, Ltd.	15,400	22,481
Malta - 0.0%		
Catena Media PLC (A)(B)	3,412	19,802
Netherlands - 2.6%		
Aalberts NV	5,235	347,131
Accell Group NV (A)	1,149	62,679
Alfen Beheer BV (A)(D)	682	68,570
AMG Advanced Metallurgical Group NV	1,350	43,376
Arcadis NV	4,501	216,839
ASR Nederland NV	6,907	318,090
Basic-Fit NV (A)(D)	2,099	100,182
BE Semiconductor Industries NV	3,676	312,506
Beter Bed Holding NV (A)	1,056	6,093
Boskalis Westminster	3,567	104,005
Brack Capital Properties NV (A)	230	36,123
Brunel International NV	1,126	14,376
Corbion NV	3,074	145,147
Flow Traders (D)	1,631	59,774
ForFarmers NV	2,398	10,973
Fugro NV (A)	4,034	31,656
Heijmans NV	2,129	35,971
Hunter Douglas NV (A)	112	21,970
IMCD NV	1,818	401,783
Innoconcepts NV (A)(C)	10,527	0
Intertrust NV (A)(D)	4,292	95,740
Kendrion NV	1,111	26,654
Koninklijke BAM Groep NV (A)	15,496	47,558
Koninklijke Vopak NV	1,840	64,514
Nedap NV	225	15,947
OCI NV (A)	2,846	74,286
Ordina NV	5,537	25,839
PostNL NV (B)	27,908	121,349
SBM Offshore NV	6,900	102,858
SIF Holding NV	504	7,025
Signify NV (D)	5,815	270,000

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Netherlands (continued)		
Sligro Food Group NV (A)	1,151	\$ 27,926
TKH Group NV	1,730	109,189
TomTom NV (A)	3,258	33,551
Van Lanschot Kempen NV	1,515	37,874
		3,397,554
New Zealand - 0.6%		
Air New Zealand, Ltd. (A)	12,658	13,083
Arvida Group, Ltd.	12,619	17,040
Chorus, Ltd.	15,977	78,475
Delegat Group, Ltd.	1,200	11,672
Freightways, Ltd.	5,543	48,727
Gentrack Group, Ltd. (A)(B)	3,060	4,396
Hallenstein Glasson Holdings, Ltd.	3,354	16,184
Heartland Group Holdings, Ltd.	18,504	31,928
Infratil, Ltd.	2,157	11,816
Investore Property, Ltd. (B)	13,816	18,437
Kathmandu Holdings, Ltd.	25,838	26,879
NZME, Ltd.	13,259	12,930
NZX, Ltd.	14,244	17,649
Oceania Healthcare, Ltd.	39,361	36,105
Pacific Edge, Ltd. (A)	27,936	25,390
PGG Wrightson, Ltd.	819	2,861
Pushpay Holdings, Ltd. (A)	16,847	15,200
Restaurant Brands New Zealand, Ltd. (A)	886	8,371
Sanford, Ltd. (A)	2,767	9,190
Scales Corp., Ltd.	5,176	19,834
Serko, Ltd. (A)	2,827	13,554
Skellerup Holdings, Ltd.	7,637	33,170
SKY Network Television, Ltd. (A)	7,518	13,891
SKYCITY Entertainment Group, Ltd.	26,675	57,002
Summerset Group Holdings, Ltd.	6,248	58,472
Synlait Milk, Ltd. (A)(B)	5,495	13,007
The New Zealand Refining Company, Ltd. (A)	11,354	7,306
The Warehouse Group, Ltd.	9,894	27,111
Tourism Holdings, Ltd. (A)	6,508	13,140
TOWER, Ltd.	12,717	6,361
Trustpower, Ltd.	1,665	8,393
Vista Group International, Ltd. (A)	7,682	12,573
Z Energy, Ltd.	13,725	33,372
		723,519
Norway - 0.8%		
ABG Sundal Collier Holding ASA	13,972	14,631
Akastor ASA (A)	6,104	3,690
Aker Solutions ASA (A)	18,496	48,886
American Shipping Company ASA (A)	1,661	6,083
ArcticZymes Technologies ASA (A)	962	10,238
Atea ASA (A)	3,574	66,507
Axactor SE (A)(B)	14,729	12,566
B2Holding ASA	23,929	28,073
Bonheur ASA	1,672	67,401
Bouvet ASA	1,310	11,220
BW Offshore, Ltd.	4,568	13,787
Crayon Group Holding ASA (A)(D)	1,229	25,540
DNO ASA	36,835	43,563
Europris ASA (D)	8,327	66,511
Fjordkraft Holding ASA (D)	3,193	17,246
FLEX LNG, Ltd.	1,570	35,014
Frontline, Ltd. (A)	5,015	35,689
Golden Ocean Group, Ltd.	1,891	17,013
Grieg Seafood ASA (A)(B)	2,264	21,323
Hexagon Composites ASA (A)	6,450	23,849
IDEX Biometrics ASA (A)	19,564	6,975
Kid ASA (D)	1,128	14,405
Kitron ASA	9,158	24,501

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Norway (continued)		
Medistim ASA	352	\$ 14,632
MPC Container Ships AS (A)	15,398	42,740
Multiconsult ASA (D)	554	9,798
Nordic Nanovector ASA (A)	2,098	5,471
Norway Royal Salmon ASA	1,038	19,240
Norwegian Energy Company ASA (A)	656	11,435
Odjell Drilling, Ltd. (A)	4,970	11,364
Otello Corp. ASA (A)	33	100
Pareto Bank ASA	1,457	9,821
PGS ASA (A)	19,660	8,142
PhotoCure ASA (A)	824	9,588
Protector Forsikring ASA	4,177	51,246
Self Storage Group ASA (A)	2,940	11,986
Selvaag Bolig ASA	1,842	10,659
Sparebank 1 Oestlandet	758	12,521
SpareBank 1 Sorost-Norge	1,815	13,465
Sparebanken More	246	12,407
TGS ASA	3,905	37,350
Treasure ASA	3,110	6,313
Ultimovacs ASA (A)	584	7,456
Veidekke ASA	4,419	66,350
Wilh Wilhelmsen Holding ASA, Class A	862	20,272
XXL ASA (A)(B)(D)	4,462	7,090
		1,014,157
Peru - 0.0%		
Hochschild Mining PLC	16,530	29,236
Portugal - 0.3%		
Altri SGPS SA	3,125	19,920
Banco Comercial Portugues SA (A)	454,458	72,730
Corticeira Amorim SGPS SA	896	11,482
CTT-Correios de Portugal SA	8,914	46,246
Greenvolt-Energias Renovaveis SA (A)	56	406
Mota-Engil SGPS SA (A)(B)	5,636	8,193
NOS SGPS SA	13,982	54,208
REN - Redes Energeticas Nacionais SGPS SA	21,605	62,618
Sonae SGPS SA	56,969	65,049
The Navigator Company SA	12,847	48,937
		389,789
Russia - 0.0%		
Petropavlovsk PLC (A)(B)	156,141	41,027
Singapore - 1.1%		
Accordia Golf Trust (C)	40,300	0
AEM Holdings, Ltd.	9,100	35,514
Ascendas India Trust	45,100	47,469
Banyan Tree Holdings, Ltd. (A)	19,800	4,701
Best World International, Ltd. (A)(C)	16,300	7,415
BOC Aviation, Ltd. (D)	6,100	44,692
Boustead Projects, Ltd.	3,000	2,223
Boustead Singapore, Ltd.	10,000	7,375
Bukit Sembawang Estates, Ltd.	11,000	40,887
BW Energy, Ltd. (A)	932	2,113
BW LPG, Ltd. (D)	4,059	22,952
China Aviation Oil Singapore Corp., Ltd.	14,400	10,040
Chip Eng Seng Corp., Ltd.	33,000	10,044
ComfortDelGro Corp., Ltd.	86,000	89,314
COSCO Shipping International Singapore Company, Ltd. (A)	58,900	11,183
CSE Global, Ltd.	34,000	12,488
Delfi, Ltd.	21,900	12,429
Ezion Holdings, Ltd. (A)(C)	131,300	4,190
Far East Orchard, Ltd.	5,000	4,041
First Resources, Ltd.	19,300	21,640
Fraser and Neave, Ltd.	8,600	9,002

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Singapore (continued)		
Gallant Venture, Ltd. (A)	71,000	\$ 6,792
Golden Agri-Resources, Ltd.	323,200	58,805
GuocoLand, Ltd.	10,400	11,644
Halcyon Agri Corp., Ltd. (A)	4,293	734
Haw Par Corp., Ltd.	4,700	39,616
Ho Bee Land, Ltd.	11,400	23,599
Hong Fok Corp., Ltd.	20,100	11,319
Hong Leong Finance, Ltd.	12,900	22,868
Hyflux, Ltd. (A)	24,000	7
iFAST Corp., Ltd.	7,000	43,638
IGG, Inc.	38,000	33,805
Indofood Agri Resources, Ltd. (A)	25,000	6,042
Japfa, Ltd.	22,700	10,192
Kenon Holdings, Ltd.	1,156	58,611
Keppel Infrastructure Trust	157,190	63,589
Metro Holdings, Ltd.	31,600	17,793
Midas Holdings, Ltd. (A)(C)	86,000	10,415
Oceanus Group, Ltd. (A)(B)	1,035,500	23,029
OM Holdings, Ltd. (A)	10,791	7,069
OUE, Ltd.	11,100	11,196
Oxley Holdings, Ltd.	27,222	3,794
Raffles Medical Group, Ltd.	35,758	36,332
Razer, Inc. (A)(D)	186,000	57,748
Riverstone Holdings, Ltd.	31,400	16,338
SBS Transit, Ltd.	5,000	10,943
Sembcorp Industries, Ltd.	36,100	53,590
Sheng Siong Group, Ltd.	29,900	32,403
SIA Engineering Company, Ltd. (A)	12,800	20,695
SIIC Environment Holdings, Ltd.	35,800	6,494
Sinarmas Land, Ltd.	94,200	17,059
Singapore Land Group, Ltd.	7,100	14,106
Singapore Post, Ltd.	66,100	31,860
Singapore Press Holdings, Ltd.	66,000	113,945
Stamford Land Corp., Ltd.	59,000	15,841
StarHub, Ltd.	25,600	25,820
Straits Trading Company, Ltd.	1,200	2,947
Swiber Holdings, Ltd. (A)(C)	15,000	728
The Hour Glass, Ltd.	10,100	15,292
Thomson Medical Group, Ltd.	212,000	13,220
UMS Holdings, Ltd.	17,500	19,714
UOB-Kay Hian Holdings, Ltd.	14,981	17,653
Wing Tai Holdings, Ltd.	21,205	28,160
XP Power, Ltd.	824	56,788
Yeo Hiap Seng, Ltd.	1,129	727
		1,472,672
South Africa - 0.1%		
Investec PLC	19,554	107,807
Mediclinic International PLC (A)	18,139	78,518
		186,325
Spain - 1.9%		
Acerinox SA	7,380	94,971
Aedas Homes SA (D)	426	11,614
Alantra Partners SA	1,181	20,415
Almirall SA	2,459	31,415
Amper SA (A)	82,546	15,960
Applus Services SA	6,225	57,071
Atresmedia Corp. de Medios de Comunicacion SA	6,046	23,043
Banco de Sabadell SA (A)	236,360	157,524
Bankinter SA	27,501	140,121
Caja de Ahorros del Mediterraneo (A)(C)	5,428	0
Cia de Distribucion Integral Logista Holdings SA	1,900	37,915
CIE Automotive SA	2,718	84,002

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Spain (continued)		
Construcciones y Auxiliar de Ferrocarriles SA	1,139	\$ 47,080
Ebro Foods SA	3,323	63,861
eDreams ODIGEO SA (A)	4,905	54,167
Elecnor SA	2,026	24,146
Enagas SA	10,244	237,981
Ence Energia y Celulosa SA (A)	6,294	16,165
Ercros SA (A)	5,006	17,021
Faes Farma SA	13,595	53,930
Fluidra SA	2,959	118,011
Fomento de Construcciones y Contratas SA	2,366	29,674
Gestamp Automocion SA (A)(D)	2,814	14,189
Global Dominion Access SA (D)	5,439	28,698
Grupo Catalana Occidente SA	2,346	80,167
Grupo Empresarial San Jose SA	2,194	12,286
Iberpapel Gestion SA	65	1,338
Indra Sistemas SA (A)	6,017	64,996
Laboratorios Farmaceuticos Rovi SA	987	82,374
Linea Directa Aseguradora SA Cia de Seguros y Reaseguros	27,501	49,985
Mapfre SA	35,373	72,322
Mediaset Espana Comunicacion SA (A)	7,779	36,524
Melia Hotels International SA (A)	6,008	40,713
Metrovacesa SA (A)(D)	1,256	10,113
Miquel y Costas & Miquel SA	2,010	29,747
Neinor Homes SA (A)(D)	1,978	23,579
Obrascon Huarte Lain SA (A)	19,608	22,695
Pharma Mar SA	664	43,038
Promotora de Informaciones SA, Class A (A)	11,711	7,504
Prosegur Cash SA (D)	11,946	8,414
Prosegur Cia de Seguridad SA	10,114	26,529
Realia Business SA (A)	17,710	15,959
Sacyr SA	22,231	57,685
Solaria Energia y Medio Ambiente SA (A)	3,480	67,244
Talgo SA (A)(D)	4,711	29,079
Tecnicas Reunidas SA (A)	830	6,543
Tubacex SA (A)	6,252	10,658
Unicaja Banco SA (D)	62,819	61,804
Vidrala SA	827	81,716
Viscofan SA	1,837	119,017
Zardoya Otis SA	4,290	34,531
		2,475,534
Sweden - 3.7%		
AcadeMedia AB (D)	3,665	22,500
AddLife AB, B Shares	2,048	86,086
AddNode Group AB	1,465	69,351
AFRY AB	967	27,219
Alimak Group AB (D)	2,141	27,076
Alligo AB, Class B	2,270	48,155
Ambea AB (D)	1,195	7,995
Annehem Fastigheter AB, B Shares (A)	1,155	4,768
AQ Group AB (A)	291	11,618
Arjo AB, B Shares	10,690	130,807
Atrium Ljungberg AB, B Shares	2,105	46,468
Attendo AB (A)(D)	5,286	22,493
Beijer Alma AB	2,393	72,513
Bergman & Beving AB	2,270	37,787
Betsson AB, B Shares (A)	5,105	30,750
BHG Group AB (A)	2,406	25,286
Bilia AB, A Shares	3,960	69,973
BioGaia AB, B Shares	901	51,577
Biotage AB	3,574	103,425
Bonava AB, B Shares	3,323	28,764

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Sweden (continued)		
Boozt AB (A)(B)(D)	993	\$ 20,164
Bravida Holding AB (D)	7,844	110,175
BTS Group AB, B Shares	346	15,401
Bufab AB	1,896	93,531
Bulten AB (B)	717	7,363
Bure Equity AB	1,211	58,545
Byggmax Group AB	5,363	53,059
Calliditas Therapeutics AB, B Shares (A)	1,333	16,603
Careium AB (A)	2,295	7,657
Catella AB	2,217	11,540
Catena AB	1,429	89,020
Cellavision AB	540	19,386
Clas Ohlson AB, B Shares (A)(B)	3,185	48,314
Cloetta AB, B Shares	10,640	30,805
Collector AB (A)	1,870	7,844
Coor Service Management Holding AB (D)	1,376	12,563
Corem Property Group AB, B Shares	22,122	79,837
Dios Fastigheter AB	3,582	47,034
Doro AB (A)	2,295	7,840
Duni AB (A)	2,559	33,078
Dustin Group AB (D)	4,979	58,436
Elanders AB, B Shares	508	9,779
Electrolux Professional AB, B Shares (A)	3,716	25,726
Enea AB (A)	1,522	45,659
Fagerhult AB	4,609	31,064
Fastighets AB Trianon	363	9,553
FastPartner AB, A Shares	2,697	36,222
FastPartner AB, D Shares	84	768
Ferronordic AB	318	11,874
Fingerprint Cards AB, B Shares (A)(B)	12,246	27,990
G5 Entertainment AB	330	14,451
GARO AB	1,075	25,633
Granges AB	7,040	82,303
Haldex AB (A)	3,364	19,684
Heba Fastighets AB, Class B	684	11,905
Hexatronic Group AB	1,111	61,564
HMS Networks AB	1,433	88,433
Hoist Finance AB (A)(D)	2,083	6,731
Humana AB (A)	2,641	21,228
Instalco AB	1,179	56,532
Inwido AB	3,126	64,628
JM AB	2,484	112,073
John Mattson Fastighetsforetagen AB (A)	1,067	23,499
Karnov Group AB	1,658	12,265
Karo Pharma AB (A)	1,609	10,693
K-fast Holding AB (A)	1,142	10,982
KNOW IT AB	1,459	60,558
Lagercrantz Group AB, B Shares	12,207	179,563
LeoVegas AB (D)	2,160	8,352
Lime Technologies AB	347	13,212
Lindab International AB	4,565	162,383
Loomis AB	2,298	61,170
Mekonomen AB (A)	2,150	37,291
MIPS AB	888	116,192
Modern Times Group MTG AB, B Shares (A)	5,362	54,614
Munters Group AB (D)	2,324	17,922
Mycronic AB	2,326	54,241
NCAB Group AB	2,020	19,639
NCC AB, B Shares	2,983	55,299
Nederman Holding AB	887	21,361
Nelly Group AB (A)	611	2,133
New Wave Group AB, B Shares	4,353	80,650
Nobina AB	6,676	40,201
Nobina AB (D)	4,239	50,184

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Sweden (continued)		
Nolato AB, B Shares	6,748	\$ 80,271
Nordic Waterproofing Holding AB	2,615	64,334
Note AB (A)	776	19,775
NP3 Fastigheter AB	1,683	67,362
Nyfosa AB	9,287	159,844
OEM International AB, B Shares	3,120	63,907
Padox AB (A)	3,303	53,214
Peab AB, Class B	4,062	51,192
Platzer Fastigheter Holding AB, Series B	3,454	51,731
Pricer AB, B Shares	7,930	21,483
Proact IT Group AB	1,428	13,711
Qliro AB (A)	611	1,586
Ratos AB, B Shares	14,845	94,877
RaySearch Laboratories AB (A)	2,452	15,310
Resurs Holding AB (D)	6,236	26,173
Scandi Standard AB	4,648	21,068
Scandic Hotels Group AB (A)(D)	5,932	23,869
Sdiptech AB, Class B (A)	279	14,551
Sectra AB, B Shares (A)	5,030	111,295
Sensys Gatso Group AB (A)	23,414	2,473
SkiStar AB	2,041	38,351
Solid Forsakring AB (A)	623	4,051
Stendorren Fastigheter AB (A)	407	13,696
Systemair AB	3,604	40,427
Tethys Oil AB	2,334	16,093
Trox Group AB	1,308	66,996
VBG Group AB, B Shares	630	13,074
Vitec Software Group AB, B Shares	659	40,615
		4,800,339
Switzerland - 7.3%		
Allreal Holding AG	692	153,211
ALSO Holding AG (A)	324	106,253
APG SGA SA (A)	84	18,330
Arbonia AG	2,962	66,783
Aryzta AG (A)	57,916	72,197
Ascom Holding AG (A)	1,310	16,861
Autoneum Holding AG (A)	221	41,077
Bachem Holding AG, Class B	205	160,525
Baloise Holding AG	1,193	194,713
Banque Cantonale de Geneve, Bearer Shares	142	25,006
Banque Cantonale Vaudoise	683	52,977
Belimo Holding AG	500	317,493
Bell Food Group AG	138	44,137
Bellevue Group AG	467	21,089
Berner Kantonalbank AG	242	53,778
BKW AG	1,096	142,310
Bobst Group SA (A)	632	57,341
Bossard Holding AG, Class A	310	111,484
Bucher Industries AG	390	192,180
Burckhardt Compression Holding AG	143	67,607
Burkhalter Holding AG	218	15,064
Bystronic AG	74	103,883
Calida Holding AG	285	15,185
Carlo Gavazzi Holding AG, Bearer Shares	38	11,449
Cembra Money Bank AG	1,587	115,439
Cie Financiere Tradition SA, Bearer Shares	104	11,931
Clariant AG (A)	8,756	181,887
Coltene Holding AG (A)	198	24,416
Comet Holding AG	339	124,669
DKSH Holding AG	1,744	143,750
dormakaba Holding AG	140	92,464
Dufry AG (A)	2,523	124,370
EFG International AG (A)	4,687	35,652
Emmi AG	107	126,084

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Switzerland (continued)		
Energiedienst Holding AG	979	\$ 49,853
Evolva Holding SA (A)	72,989	10,723
Feintool International Holding AG (A)	142	9,001
Fenix Outdoor International AG	225	30,558
Ferrexpo PLC	22,757	92,627
Flughafen Zurich AG (A)	933	167,552
Forbo Holding AG	58	118,818
Fundamenta Real Estate AG	1,024	21,858
Galenica AG (D)	2,186	164,166
GAM Holding AG (A)	11,204	16,690
Georg Fischer AG	220	332,864
Gurit Holding AG, Bearer Shares	22	37,418
Helvetia Holding AG	1,730	203,232
Hiag Immobilien Holding AG	420	43,757
HOCHDORF Holding AG (A)	16	765
Huber + Suhner AG	586	55,855
Hypothekbank Lenzburg AG	3	13,894
Implenia AG (A)	994	22,609
Ina Invest Holding AG (A)	199	4,085
Inficon Holding AG	106	154,967
Interroll Holding AG	35	157,360
Intershop Holding AG	76	51,028
Investis Holding SA	98	11,236
IWG PLC (A)	38,584	152,069
Jungfraubahn Holding AG (A)	199	29,271
Kardex Holding AG	299	98,141
Komax Holding AG (A)	221	61,228
Kongsberg Automotive ASA (A)	23,611	8,080
Kudelski SA, Bearer Shares (B)	2,497	10,142
Landis+Gyr Group AG (A)	1,111	74,988
LEM Holding SA	19	52,955
Luzerner Kantonalbank AG	173	78,722
Medacta Group SA (A)(D)	218	33,938
Medartis Holding AG (A)(D)	288	41,114
medmix AG (A)(D)	877	43,336
Metall Zug AG, B Shares	12	27,114
Mobilezone Holding AG	2,336	34,841
Mobimo Holding AG (A)	347	116,229
Novavest Real Estate AG (A)	212	10,819
OC Oerlikon Corp. AG	9,769	99,908
Orascom Development Holding AG (A)	533	6,289
Orior AG	425	41,909
Phoenix Mecano AG, Bearer Shares	38	16,901
Plazza AG, Class A	68	25,150
PSP Swiss Property AG	2,466	307,301
Rieter Holding AG (A)	251	48,600
Romande Energie Holding SA	34	50,899
Schaffner Holding AG	40	13,291
Schweiter Technologies AG, Bearer Shares	48	71,116
Sensirion Holding AG (A)(D)	378	55,124
SFS Group AG	907	125,209
Siegfried Holding AG (A)	220	214,009
SIG Combibloc Group AG (A)	2,109	58,745
Softwareone Holding AG (A)	2,412	52,097
St. Galler Kantonalbank AG, Class A	152	72,526
Sulzer AG	877	86,154
Swiss Prime Site AG	3,378	331,611
Swiss Steel Holding AG (A)	39,436	14,855
Swissquote Group Holding SA	588	128,748
Tecan Group AG	453	275,137
TX Group AG (A)	201	34,495
u-blox Holding AG (A)	431	33,222
Valiant Holding AG	835	83,506
Valora Holding AG (A)	244	41,612
VAT Group AG (D)	1,366	676,885

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Switzerland (continued)		
Vaudoise Assurances Holding SA	64	\$ 31,224
Vetropack Holding AG	500	31,571
Vifor Pharma AG	1,287	228,633
Von Roll Holding AG, Bearer Shares (A)	7,878	9,226
Vontobel Holding AG	1,521	133,001
VZ Holding AG	805	86,382
V-ZUG Holding AG (A)	120	16,187
Walliser Kantonalbank	203	22,510
Wartec Invest AG	8	20,794
Ypsomed Holding AG	103	21,024
Zehnder Group AG	615	62,589
Zug Estates Holding AG, B Shares	16	34,780
Zuger Kantonalbank AG, Bearer Shares	9	66,579
		9,415,297
Taiwan - 0.0%		
FIT Hon Teng, Ltd. (A)(D)	49,000	9,620
Ya Hsin Industrial Company, Ltd. (A)(C)	138,000	0
		9,620
United Arab Emirates - 0.0%		
Lamprell PLC (A)	11,610	5,637
United Kingdom - 12.3%		
4imprint Group PLC	1,523	58,620
A.G. Barr PLC	4,718	33,204
Advanced Medical Solutions Group PLC	7,031	31,965
Airtel Africa PLC (D)	23,588	42,494
AJ Bell PLC	6,808	35,078
Alfa Financial Software Holdings PLC (D)	4,048	10,341
Alliance Pharma PLC	16,518	24,482
Anglo Pacific Group PLC	12,147	22,198
Anglo-Eastern Plantations PLC	1,225	11,975
AO World PLC (A)	8,013	11,934
Aptitude Software Group PLC	2,037	15,999
Ascential PLC (A)	15,022	82,613
Ashmore Group PLC	15,764	62,279
Aston Martin Lagonda Global Holdings PLC (A)(D)	878	16,183
Avon Protection PLC	1,565	23,921
Babcock International Group PLC (A)	22,879	99,087
Bakkavor Group PLC (D)	5,579	9,527
Balfour Beatty PLC	34,581	123,182
Beazley PLC (A)	24,625	155,715
Begbies Traynor Group PLC	6,626	12,092
Bellway PLC	5,109	232,204
Biffa PLC (D)	14,189	68,694
Bloomsbury Publishing PLC	2,159	10,627
Bodycote PLC	9,417	110,374
boohoo Group PLC (A)	3,748	6,285
Braemar Shipping Services PLC	1,328	4,890
Brewin Dolphin Holdings PLC	15,066	75,561
Britvic PLC	13,590	169,892
Bytes Technology Group PLC	8,409	64,903
Capita PLC (A)	67,697	33,497
Capricorn Energy PLC	24,079	62,147
Card Factory PLC (A)	14,688	11,886
CareTech Holdings PLC	4,102	32,047
Carillion PLC (A)(C)	35,521	4,611
Cazoo Group, Ltd. (A)	4,507	27,175
Central Asia Metals PLC	8,189	28,756
CentralNic Group PLC (A)	10,188	19,281
Centrica PLC (A)	208,824	202,503
Chemring Group PLC	13,921	56,623
Chesnara PLC	7,709	29,806
Circassia Group PLC (A)	9,034	4,986
Clarkson PLC	1,348	70,713

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Kingdom (continued)		
Clinigen Group PLC	5,031	\$ 62,045
Clipper Logistics PLC	3,406	33,427
Close Brothers Group PLC	8,356	159,372
CLS Holdings PLC	10,759	31,877
CMC Markets PLC (D)	7,009	25,043
Coats Group PLC	45,029	42,215
Computacenter PLC	3,949	156,860
Concentric AB	2,526	78,383
ContourGlobal PLC (D)	8,862	23,114
Costain Group PLC (A)	4,797	3,499
Countryside Properties PLC (A)(D)	23,711	145,371
Cranswick PLC	2,746	138,321
Crest Nicholson Holdings PLC	13,693	69,220
Currys PLC	44,671	69,448
CVS Group PLC	2,750	83,572
De La Rue PLC (A)	10,028	21,130
Debenhams PLC (A)(C)	76,182	0
Devro PLC	12,253	34,198
DFS Furniture PLC	12,509	44,931
Dialight PLC (A)	105	465
Dignity PLC (A)	3,439	27,582
Diploma PLC	4,022	184,394
DiscoverIE Group PLC	5,627	78,326
Domino's Pizza Group PLC	21,324	132,812
dotdigital Group PLC	12,814	34,374
Drax Group PLC	21,413	176,107
Dunelm Group PLC	5,320	99,136
DWF Group PLC (D)	5,285	8,156
EKF Diagnostics Holdings PLC	8,242	8,455
Elementis PLC (A)	35,393	63,653
EMIS Group PLC	2,542	46,724
Energiean PLC (A)	2,940	34,136
EnQuest PLC (A)	115,537	29,501
Ergomed PLC (A)	895	18,198
Esken, Ltd. (A)	25,251	4,795
Essentra PLC	14,966	70,091
Euromoney Institutional Investor PLC	4,334	54,643
FD Technologies PLC (A)	243	6,621
FDM Group Holdings PLC	3,208	55,370
Fevertree Drinks PLC	5,193	189,122
Firstgroup PLC (A)	22,251	31,075
Forterra PLC (D)	10,957	41,135
Foxtons Group PLC	23,551	12,702
Frasers Group PLC (A)	10,048	105,429
Frontier Developments PLC (A)	532	12,816
Fuller Smith & Turner PLC, Class A	1,525	14,844
Funding Circle Holdings PLC (A)(D)	3,849	5,849
Future PLC	2,524	130,670
Galliford Try Holdings PLC	5,675	13,824
Games Workshop Group PLC	1,135	153,021
Gamma Communications PLC	1,848	41,580
GB Group PLC	2,086	20,776
Gem Diamonds, Ltd.	12,666	8,146
Genel Energy PLC	4,784	8,452
Genuit Group PLC	12,035	96,177
Genus PLC	250	16,767
Grainger PLC	32,768	140,923
Greggs PLC	5,441	246,287
Gulf Keystone Petroleum, Ltd.	7,420	18,235
Halfords Group PLC	15,547	72,772
Hays PLC	77,290	153,462
Headlam Group PLC	6,602	38,381
Helical PLC	6,424	39,654
Helios Towers PLC (A)	16,385	38,283
Henry Boot PLC	5,301	20,382

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Kingdom (continued)		
Hill & Smith Holdings PLC	4,214	\$ 102,593
Hilton Food Group PLC	3,061	47,195
Hollywood Bowl Group PLC (A)	8,153	26,240
Hunting PLC	8,331	19,139
Hyve Group PLC (A)	12,149	15,485
Ibstock PLC (D)	19,043	52,817
IDOX PLC	10,437	9,743
IG Group Holdings PLC	16,821	185,928
IMI PLC	11,803	278,361
Impax Asset Management Group PLC	2,421	48,065
Inchcape PLC	19,909	245,902
Indivior PLC (A)	36,002	124,955
IntegraFin Holdings PLC	9,972	75,834
International Personal Finance PLC	12,526	21,736
iomart Group PLC	2,265	5,243
IP Group PLC	38,897	65,814
IQE PLC (A)	9,568	4,495
J.D. Wetherspoon PLC (A)	4,332	56,315
James Fisher & Sons PLC (A)	2,814	14,139
James Halstead PLC	4,194	32,710
JET2 PLC (A)	4,917	74,635
John Menzies PLC (A)	3,549	15,003
John Wood Group PLC (A)	29,391	76,364
Johnson Service Group PLC (A)	14,257	28,379
Jupiter Fund Management PLC	22,824	79,143
Just Group PLC (A)	37,116	42,018
Kainos Group PLC	4,099	106,695
Keller Group PLC	4,206	56,004
Kier Group PLC (A)	22,531	33,660
Kin & Carta PLC (A)	3,492	13,766
Lancashire Holdings, Ltd.	11,586	83,339
Learning Technologies Group PLC	21,193	50,935
Liontrust Asset Management PLC	2,411	71,969
Lookers PLC (A)	22,449	20,285
LSL Property Services PLC	6,404	35,751
Luceco PLC (D)	1,922	9,030
M&C Saatchi PLC (A)	253	577
Man Group PLC	73,477	226,385
Marks & Spencer Group PLC (A)	55,905	175,866
Marshalls PLC	10,383	97,815
Marston's PLC (A)	37,566	39,608
McBride PLC (A)	14,770	12,058
Mears Group PLC	8,289	21,066
Meggitt PLC (A)	21,288	213,038
Metro Bank PLC (A)	9,741	12,706
Micro Focus International PLC	8,470	47,960
Midwich Group PLC	1,185	10,001
Mitchells & Butlers PLC (A)	16,776	58,264
Mitie Group PLC	68,528	59,930
MJ Gleeson PLC	2,770	28,275
Moneysupermarket.com Group PLC	27,587	80,475
Morgan Advanced Materials PLC	14,263	69,609
Morgan Sindall Group PLC	2,381	81,723
Mortgage Advice Bureau Holdings, Ltd.	1,276	25,246
MP Evans Group PLC	203	2,285
N. Brown Group PLC (A)	9,633	5,613
National Express Group PLC (A)	23,513	82,187
NCC Group PLC	13,335	42,341
Next Fifteen Communications Group PLC	3,756	68,190
Ninety One PLC	12,803	48,333
Norcros PLC	6,666	28,292
Numis Corp. PLC	2,926	13,569
On the Beach Group PLC (A)(D)	5,451	21,180
OSB Group PLC	16,331	122,788
Oxford Biomedica PLC (A)	1,730	29,160

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Kingdom (continued)		
Oxford Instruments PLC	2,839	\$ 101,952
Pagegroup PLC	17,115	147,104
Pan African Resources PLC	85,815	19,437
Paragon Banking Group PLC	13,704	105,274
PayPoint PLC	2,581	23,302
Pendragon PLC (A)	102,667	32,330
Pennon Group PLC	11,306	178,998
Petrofac, Ltd. (A)	15,397	24,093
Pets at Home Group PLC	24,400	153,580
Pharos Energy PLC (A)	16,636	5,889
Photo-Me International PLC (A)	18,684	15,981
Polar Capital Holdings PLC	3,830	41,043
Porvair PLC	2,468	24,087
Premier Foods PLC	41,106	62,445
Provident Financial PLC (A)	13,396	65,321
Purplebricks Group PLC (A)	7,294	2,363
PZ Cussons PLC	13,141	36,868
QinetiQ Group PLC	27,714	99,755
Quilter PLC (D)	84,985	171,729
Rank Group PLC (A)	7,303	15,488
Rathbones Group PLC	2,988	80,993
Reach PLC	28,863	109,734
Redcentric PLC	5,876	9,842
Redde Northgate PLC	10,957	65,156
Redrow PLC	14,867	141,887
Renew Holdings PLC	4,150	47,010
Renewi PLC (A)	5,276	54,609
Renishaw PLC	503	32,596
Ricardo PLC	2,982	18,130
RM PLC	8,752	23,637
Robert Walters PLC	4,693	48,930
Rotork PLC	46,083	224,277
Royal Mail PLC	36,820	252,445
RPS Group PLC	15,418	25,950
RWS Holdings PLC	6,891	60,705
S&U PLC	303	11,094
Sabre Insurance Group PLC (D)	5,914	14,727
Saga PLC (A)	4,637	17,935
Savills PLC	7,351	140,022
Senior PLC (A)	21,835	43,666
Sercos Group PLC	28,829	52,353
Serica Energy PLC	8,374	27,315
Severfield PLC	11,941	10,936
SIG PLC (A)	64,105	41,301
Smart Metering Systems PLC	5,253	60,329
Softcat PLC	6,128	150,071
Spectris PLC	1,473	73,319
Speedy Hire PLC	24,369	20,965
Spire Healthcare Group PLC (A)(D)	12,358	41,761
Spirent Communications PLC	33,589	126,729
Sportech PLC (A)	4,748	2,443
SSP Group PLC (A)	36,801	120,356
Stagecoach Group PLC (A)	27,597	33,503
STThree PLC	8,144	51,120
Stolt-Nielsen, Ltd.	2,414	37,183
Studio Retail Group PLC (A)	8,139	18,034
STV Group PLC	2,712	12,947
Superdry PLC (A)	3,110	11,694
Synthomer PLC	17,828	96,262
Tate & Lyle PLC	23,148	208,259
Tatton Asset Management PLC	1,955	15,343
Ted Baker PLC (A)	2,896	4,039
Telecom Plus PLC	3,652	78,538
The Go-Ahead Group PLC (A)	3,096	28,010
The Gym Group PLC (A)(D)	5,959	20,623

John Hancock Variable Insurance Trust

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

International Small Company Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Kingdom (continued)		
The Restaurant Group PLC (A)	30,769	\$ 39,551
The Vitec Group PLC	2,842	54,949
Thomas Cook Group PLC (A)(C)	58,171	0
TI Fluid Systems PLC (D)	1,686	5,895
Topps Tiles PLC	15,591	13,755
TP ICAP Group PLC	45,423	94,516
Travis Perkins PLC	10,742	226,769
Treant PLC	2,204	38,335
Trifast PLC	7,237	15,711
TT Electronics PLC	14,769	51,199
Tullow Oil PLC (A)(B)	72,437	45,751
Tyman PLC	9,005	48,792
Ultra Electronics Holdings PLC	3,309	142,883
Vesuvius PLC	12,719	77,948
Victrex PLC	4,079	135,920
Virgin Money UK PLC (A)	52,278	126,826
Vistry Group PLC	11,609	185,702
Vivo Energy PLC (D)	12,282	21,973
Volex PLC	3,136	14,719
Volution Group PLC	4,766	35,708
Vp PLC	637	7,991
Watches of Switzerland Group PLC (A)(D)	4,075	78,621
Watkin Jones PLC	6,905	24,520
Wickes Group PLC	13,094	41,679
Wilmington PLC	8,076	23,690
Wincanton PLC	10,534	52,551
Xaar PLC (A)	5,629	14,010
Young & Company's Brewery PLC, Class A	1,224	25,819
Zotefoams PLC	1,549	8,396
		15,938,900
United States - 0.6%		
Argonaut Gold, Inc. (A)	16,734	31,750
Atlantic Sapphire ASA (A)(B)	1,333	6,349
Burford Capital, Ltd.	8,549	89,337
Diversified Energy Company PLC	30,857	43,644
Energy Fuels, Inc. (A)(B)	730	5,575
Frontage Holdings Corp. (A)(D)	14,000	7,096
Invesque, Inc. (A)(B)	2,000	4,100
Primo Water Corp.	1,600	28,208
Primo Water Corp. (Toronto Stock Exchange)	6,607	116,580
PureTech Health PLC (A)	9,879	38,719
REC Silicon ASA (A)	13,597	27,551
Reliance Worldwide Corp., Ltd.	32,462	148,332
Samsonite International SA (A)(D)	7,200	14,621
Sims, Ltd.	9,104	106,569
Viemed Healthcare, Inc. (A)	2,600	13,572
Vobile Group, Ltd. (A)	36,000	28,555
		710,558
TOTAL COMMON STOCKS (Cost \$117,365,503)		\$ 127,044,474

International Small Company Trust (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES - 0.3%		
Germany - 0.3%		
Biotest AG	486	\$ 21,435
Draegerwerk AG & Company KGaA	565	35,398
Fuchs Petrolub SE	2,535	114,554
Jungheinrich AG	2,336	118,659
Sixt SE	838	82,576
STO SE & Company KGaA	163	40,968
Villeroy & Boch AG	625	16,332
		429,922
TOTAL PREFERRED SECURITIES (Cost \$301,180)		\$ 429,922
WARRANTS - 0.0%		
Treasury Metals, Inc. (Expiration Date: 8-7-23; Strike Price: CAD 1.50) (A)	650	80
Webuild SpA (Expiration Date: 8-2-30) (A)(E)	1,316	1,429
TOTAL WARRANTS (Cost \$0)		\$ 1,509
SHORT-TERM INVESTMENTS - 1.9%		
Short-term funds - 1.9%		
John Hancock Collateral Trust, 0.1697% (F)(G)	247,517	2,475,909
TOTAL SHORT-TERM INVESTMENTS (Cost \$2,476,437)		\$ 2,475,909
Total Investments (International Small Company Trust) (Cost \$120,143,120) - 100.4%		\$ 129,951,814
Other assets and liabilities, net - (0.4%)		(491,305)
TOTAL NET ASSETS - 100.0%		\$ 129,460,509

Currency Abbreviations

CAD Canadian Dollar

Security Abbreviations and Legend

- (A) Non-income producing security.
 (B) All or a portion of this security is on loan as of 12-31-21.
 (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 12-31-21.
 (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 [^]	Notional value [^]	Unrealized appreciation (depreciation)
Mini MSCI EAFE Index Futures	11	Long	Mar 2022	\$1,265,923	\$1,276,495	\$10,572
						\$10,572

[^] 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.

John Hancock Variable Insurance Trust

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

Lifestyle Balanced Portfolio

	Shares or Principal Amount	Value
AFFILIATED INVESTMENT COMPANIES (A) - 100.0%		
Equity - 50.5%		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	26,750,004	\$ 605,352,589
Fixed income - 49.5%		
Select Bond, Series NAV, JHVIT (MIM US) (B)	42,645,265	594,048,540
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$1,072,255,122)		
		\$ 1,199,401,129
Total Investments (Lifestyle Balanced Portfolio) (Cost \$1,072,255,122) - 100.0%		
		\$ 1,199,401,129
Other assets and liabilities, net - (0.0%)		
		(18,932)
TOTAL NET ASSETS - 100.0%		
		\$ 1,199,382,197

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
AFFILIATED INVESTMENT COMPANIES (A) - 100.0%		
Equity - 20.0%		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	1,990,114	\$ 45,036,283
Fixed income - 80.0%		
Select Bond, Series NAV, JHVIT (MIM US) (B)	12,952,797	180,432,462
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$218,392,306)		
		\$ 225,468,745
SHORT-TERM INVESTMENTS - 0.0%		
Short-term funds - 0.0%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)	600	600
TOTAL SHORT-TERM INVESTMENTS (Cost \$600)		
		\$ 600
Total Investments (Lifestyle Conservative Portfolio) (Cost \$218,392,906) - 100.0%		
		\$ 225,469,345
Other assets and liabilities, net - (0.0%)		
		(16,000)
TOTAL NET ASSETS - 100.0%		
		\$ 225,453,345

Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
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(B)	The subadvisor is an affiliate of the advisor.
(C)	The rate shown is the annualized seven-day yield as of 12-31-21.

Lifestyle Growth Portfolio

	Shares or Principal Amount	Value
AFFILIATED INVESTMENT COMPANIES (A) - 100.0%		
Equity - 70.7%		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	200,684,313	\$ 4,541,486,014

Lifestyle Growth Portfolio (continued)

	Shares or Principal Amount	Value
AFFILIATED INVESTMENT COMPANIES (A) (continued)		
Fixed income - 29.3%		
Select Bond, Series NAV, JHVIT (MIM US) (B)	135,351,782	\$ 1,885,450,327
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$5,458,591,293)		
		\$ 6,426,936,341
Total Investments (Lifestyle Growth Portfolio) (Cost \$5,458,591,293) - 100.0%		
		\$ 6,426,936,341
Other assets and liabilities, net - (0.0%)		
		(36,321)
TOTAL NET ASSETS - 100.0%		
		\$ 6,426,900,020

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 Moderate Portfolio

	Shares or Principal Amount	Value
AFFILIATED INVESTMENT COMPANIES (A) - 100.0%		
Equity - 40.4%		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	6,457,667	\$ 146,136,996
Fixed income - 59.6%		
Select Bond, Series NAV, JHVIT (MIM US) (B)	15,482,131	215,666,085
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$333,697,255)		
		\$ 361,803,081
SHORT-TERM INVESTMENTS - 0.0%		
Short-term funds - 0.0%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)	768	768
TOTAL SHORT-TERM INVESTMENTS (Cost \$768)		
		\$ 768
Total Investments (Lifestyle Moderate Portfolio) (Cost \$333,698,023) - 100.0%		
		\$ 361,803,849
Other assets and liabilities, net - (0.0%)		
		(16,485)
TOTAL NET ASSETS - 100.0%		
		\$ 361,787,364

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 12-31-21.

Mid Cap Growth Trust

	Shares or Principal Amount	Value
COMMON STOCKS - 91.8%		
Communication services - 12.6%		
Entertainment - 7.4%		
Electronic Arts, Inc.	69,779	\$ 9,203,850
Live Nation Entertainment, Inc. (A)	99,996	11,968,521
Roku, Inc. (A)	69,088	15,765,882
Spotify Technology SA (A)	135,966	31,820,122
		68,758,375
Interactive media and services - 5.2%		
Match Group, Inc. (A)	233,349	30,860,405
Snap, Inc., Class A (A)	172,984	8,135,438

John Hancock Variable Insurance Trust

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

Mid Cap Growth Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Interactive media and services (continued)		
ZoomInfo Technologies, Inc. (A)	154,025	\$ 9,888,405
		48,884,248
		117,642,623
Consumer discretionary – 21.5%		
Automobiles – 1.6%		
Thor Industries, Inc.	148,145	15,373,007
Diversified consumer services – 2.0%		
2U, Inc. (A)	178,819	3,588,897
Chegg, Inc. (A)	475,320	14,592,324
		18,181,221
Hotels, restaurants and leisure – 2.1%		
DraftKings, Inc., Class A (A)	495,596	13,614,022
Penn National Gaming, Inc. (A)	120,178	6,231,229
		19,845,251
Household durables – 2.4%		
Lennar Corp., A Shares	191,148	22,203,752
Specialty retail – 10.5%		
Five Below, Inc. (A)	185,215	38,319,131
Floor & Decor Holdings, Inc., Class A (A)	133,766	17,390,918
Ross Stores, Inc.	132,253	15,113,873
Ulta Beauty, Inc. (A)	64,424	26,564,592
		97,388,514
Textiles, apparel and luxury goods – 2.9%		
Lululemon Athletica, Inc. (A)	68,561	26,838,203
		199,829,948
Financials – 1.7%		
Capital markets – 1.7%		
Ares Management Corp., Class A	198,936	16,167,529
Health care – 15.8%		
Biotechnology – 4.3%		
Apellis Pharmaceuticals, Inc. (A)	90,759	4,291,086
Ascendis Pharma A/S, ADR (A)	39,188	5,271,962
Exact Sciences Corp. (A)	318,742	24,807,690
Kodiak Sciences, Inc. (A)	71,510	6,062,618
		40,433,356
Health care equipment and supplies – 5.6%		
ABIOMED, Inc. (A)	86,663	31,126,750
DexCom, Inc. (A)	38,543	20,695,664
		51,822,414
Health care providers and services – 1.1%		
Oak Street Health, Inc. (A)(B)	312,048	10,341,271
Health care technology – 2.9%		
GoodRx Holdings, Inc., Class A (A)(B)	390,622	12,765,527
Inspire Medical Systems, Inc. (A)	62,333	14,340,330
		27,105,857
Life sciences tools and services – 1.5%		
Agilent Technologies, Inc.	85,957	13,723,035
Pharmaceuticals – 0.4%		
Elanco Animal Health, Inc. (A)	101,487	2,880,201
Reata Pharmaceuticals, Inc., Class A (A)	16,807	443,201
		3,323,402
		146,749,335
Industrials – 9.2%		
Building products – 1.8%		
Johnson Controls International PLC	213,109	17,327,893
Commercial services and supplies – 2.0%		
Copart, Inc. (A)	120,485	18,267,936
Machinery – 3.3%		
Kornit Digital, Ltd. (A)	99,561	15,158,162

Mid Cap Growth Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
The Middleby Corp. (A)	79,832	\$ 15,707,744
		30,865,906
Professional services – 2.1%		
CoStar Group, Inc. (A)	245,849	19,429,446
		85,891,181
Information technology – 30.0%		
Communications equipment – 4.0%		
Arista Networks, Inc. (A)	259,416	37,291,050
IT services – 2.4%		
MongoDB, Inc. (A)	40,943	21,673,177
Payoneer Global, Inc. (A)	93,200	685,020
		22,358,197
Semiconductors and semiconductor equipment – 4.1%		
MKS Instruments, Inc.	69,694	12,138,604
SolarEdge Technologies, Inc. (A)	57,345	16,089,287
Universal Display Corp.	60,038	9,908,071
		38,135,962
Software – 19.5%		
Fair Isaac Corp. (A)	54,301	23,548,715
Five9, Inc. (A)	78,297	10,751,744
Guidewire Software, Inc. (A)	132,807	15,077,579
IronSource, Ltd., Class A (A)(B)	1,341,012	10,379,433
Palo Alto Networks, Inc. (A)	38,375	21,365,665
Paycom Software, Inc. (A)	61,301	25,451,562
RingCentral, Inc., Class A (A)	116,120	21,755,081
UiPath, Inc., Class A (A)	400,353	17,267,225
Varonis Systems, Inc. (A)	296,885	14,482,050
Workday, Inc., Class A (A)	77,835	21,262,965
		181,342,019
		279,127,228
Materials – 0.9%		
Chemicals – 0.9%		
Albemarle Corp.	35,276	8,246,471
Real estate – 0.1%		
Real estate management and development – 0.1%		
WeWork, Inc., Class A (A)(B)	105,472	907,059
TOTAL COMMON STOCKS (Cost \$749,419,359)		\$ 854,561,374
PREFERRED SECURITIES – 0.6%		
Information technology – 0.6%		
Software – 0.6%		
Essence Group Holdings Corp. (A)(C)(D)	1,663,188	3,692,277
Lookout, Inc., Series F (A)(C)(D)	211,003	1,909,577
		5,601,854
TOTAL PREFERRED SECURITIES (Cost \$5,070,285)		\$ 5,601,854
EXCHANGE-TRADED FUNDS – 5.4%		
iShares Russell Mid-Cap Growth ETF (B)	388,102	44,717,112
Vanguard Mid-Cap Growth ETF	20,172	5,133,530
TOTAL EXCHANGE-TRADED FUNDS (Cost \$49,635,517)		\$ 49,850,642
SHORT-TERM INVESTMENTS – 6.7%		
Short-term funds – 5.5%		
John Hancock Collateral Trust, 0.1697% (E)(F)	5,093,530	50,950,585

John Hancock Variable Insurance Trust

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

Mid Cap Growth Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS (continued)		
Repurchase agreement – 1.2%		
Deutsche Bank Tri-Party Repurchase Agreement dated 12-31-21 at 0.040% to be repurchased at \$11,800,039 on 1-3-22, collateralized by \$12,036,100 U.S. Treasury Bills, 0.000% due 1-25-22 (valued at \$12,036,004)	\$ 11,800,000	\$ 11,800,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$62,756,666)		\$ 62,750,585
Total Investments (Mid Cap Growth Trust) (Cost \$866,881,827) – 104.5%		\$ 972,764,455
Other assets and liabilities, net – (4.5%)		(41,910,683)
TOTAL NET ASSETS – 100.0%		\$ 930,853,772

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 12-31-21.
(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 12-31-21.
(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
COMMON STOCKS – 97.6%		
Communication services – 1.6%		
Diversified telecommunication services – 0.2%		
Iridium Communications, Inc. (A)	76,278	\$ 3,149,519
Entertainment – 0.1%		
World Wrestling Entertainment, Inc., Class A	25,801	1,273,021
Interactive media and services – 0.4%		
j2 Global, Inc. (A)	27,823	3,084,458
TripAdvisor, Inc. (A)	57,150	1,557,909
Yelp, Inc. (A)	39,601	1,435,140
		6,077,507
Media – 0.9%		
Cable One, Inc.	2,860	5,043,467
John Wiley & Sons, Inc., Class A	25,128	1,439,081
TEGNA, Inc.	127,675	2,369,648
The New York Times Company, Class A	96,410	4,656,603
		13,508,799
		24,008,846
Consumer discretionary – 15.1%		
Auto components – 1.7%		
Adient PLC (A)	54,362	2,602,853
Dana, Inc.	83,220	1,899,080
Fox Factory Holding Corp. (A)	24,293	4,132,239
GenTex Corp.	136,468	4,755,910
Lear Corp.	34,398	6,293,114
The Goodyear Tire & Rubber Company (A)	162,120	3,456,398

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Auto components (continued)		
Visteon Corp. (A)	16,154	\$ 1,795,356
		24,934,950
Automobiles – 0.5%		
Harley-Davidson, Inc.	88,784	3,346,269
Thor Industries, Inc.	32,040	3,324,791
		6,671,060
Diversified consumer services – 0.9%		
Graham Holdings Company, Class B	2,302	1,449,869
Grand Canyon Education, Inc. (A)	23,122	1,981,787
H&R Block, Inc.	101,334	2,387,429
Service Corp. International	95,151	6,754,769
		12,573,854
Hotels, restaurants and leisure – 2.9%		
Boyd Gaming Corp. (A)	47,320	3,102,772
Choice Hotels International, Inc.	18,937	2,953,983
Churchill Downs, Inc.	19,862	4,784,756
Cracker Barrel Old Country Store, Inc.	13,566	1,745,130
Jack in the Box, Inc.	12,504	1,093,850
Marriott Vacations Worldwide Corp.	24,577	4,153,021
Papa John's International, Inc.	18,673	2,492,285
Scientific Games Corp. (A)	55,686	3,721,495
Six Flags Entertainment Corp. (A)	44,649	1,901,154
Texas Roadhouse, Inc.	40,184	3,587,628
The Wendy's Company	101,841	2,428,908
Travel + Leisure Company	49,792	2,752,004
Wingstop, Inc.	17,209	2,973,715
Wyndham Hotels & Resorts, Inc.	53,762	4,819,763
		42,510,464
Household durables – 1.9%		
Helen of Troy, Ltd. (A)	13,921	3,403,267
KB Home	49,451	2,211,943
Leggett & Platt, Inc.	76,956	3,167,509
Taylor Morrison Home Corp. (A)	70,906	2,478,874
Tempur Sealy International, Inc.	111,075	5,223,857
Toll Brothers, Inc.	66,015	4,778,826
TopBuild Corp. (A)	18,997	5,241,462
Tri Pointe Homes, Inc. (A)	64,125	1,788,446
		28,294,184
Leisure products – 1.3%		
Brunswick Corp.	44,482	4,480,672
Callaway Golf Company (A)	67,616	1,855,383
Mattel, Inc. (A)	202,140	4,358,138
Polaris, Inc.	32,912	3,617,358
YETI Holdings, Inc. (A)	50,568	4,188,547
		18,500,098
Multiline retail – 0.8%		
Kohl's Corp.	86,855	4,289,768
Macy's, Inc.	178,694	4,678,209
Nordstrom, Inc. (A)	64,187	1,451,910
Ollie's Bargain Outlet Holdings, Inc. (A)	34,917	1,787,401
		12,207,288
Specialty retail – 3.3%		
American Eagle Outfitters, Inc. (B)	88,522	2,241,377
AutoNation, Inc. (A)	23,067	2,695,379
Dick's Sporting Goods, Inc. (B)	37,441	4,305,341
Five Below, Inc. (A)	32,324	6,687,512
Foot Locker, Inc.	52,109	2,273,516
GameStop Corp., Class A (A)(B)	35,748	5,304,646
Lithia Motors, Inc.	17,471	5,188,013
Murphy USA, Inc.	13,607	2,711,059
RH (A)	10,008	5,363,688
Urban Outfitters, Inc. (A)	38,026	1,116,443

John Hancock Variable Insurance Trust

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

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Specialty retail (continued)		
Victoria's Secret & Company (A)	41,803	\$ 2,321,739
Williams-Sonoma, Inc.	42,908	7,257,030
		47,465,743
Textiles, apparel and luxury goods – 1.8%		
Capri Holdings, Ltd. (A)	86,812	5,634,967
Carter's, Inc.	24,387	2,468,452
Columbia Sportswear Company	19,944	1,943,343
Crocs, Inc. (A)	33,954	4,353,582
Deckers Outdoor Corp. (A)	15,837	5,801,251
Hanesbrands, Inc.	201,484	3,368,812
Skechers USA, Inc., Class A (A)	77,837	3,378,126
		26,948,533
		220,106,174
Consumer staples – 3.4%		
Beverages – 0.2%		
The Boston Beer Company, Inc., Class A (A)	5,417	2,736,127
Food and staples retailing – 1.2%		
BJ's Wholesale Club Holdings, Inc. (A)	78,783	5,276,098
Casey's General Stores, Inc.	21,407	4,224,671
Grocery Outlet Holding Corp. (A)	50,414	1,425,708
Performance Food Group Company (A)	89,037	4,085,908
Sprouts Farmers Market, Inc. (A)	64,771	1,922,403
		16,934,788
Food products – 1.7%		
Darling Ingredients, Inc. (A)	93,360	6,468,914
Flowers Foods, Inc.	114,653	3,149,518
Ingredion, Inc.	38,390	3,710,010
Lancaster Colony Corp.	11,437	1,893,967
Pilgrim's Pride Corp. (A)	28,120	792,984
Post Holdings, Inc. (A)	33,776	3,807,568
Sanderson Farms, Inc.	12,240	2,338,819
The Hain Celestial Group, Inc. (A)	53,591	2,283,513
		24,445,293
Household products – 0.1%		
Energizer Holdings, Inc.	36,293	1,455,349
Personal products – 0.2%		
Coty, Inc., Class A (A)	193,621	2,033,021
Nu Skin Enterprises, Inc., Class A	28,747	1,458,910
		3,491,931
		49,063,488
Energy – 2.0%		
Energy equipment and services – 0.4%		
ChampionX Corp. (A)	116,591	2,356,304
NOV, Inc.	225,423	3,054,482
		5,410,786
Oil, gas and consumable fuels – 1.6%		
Antero Midstream Corp.	187,348	1,813,529
CNX Resources Corp. (A)	121,859	1,675,561
DT Midstream, Inc.	55,813	2,677,908
EQT Corp. (A)	174,456	3,804,885
Equitrans Midstream Corp.	234,572	2,425,474
HollyFrontier Corp.	86,257	2,827,504
Murphy Oil Corp.	83,773	2,187,313
Targa Resources Corp.	132,113	6,901,583
		24,313,757
		29,724,543
Financials – 13.3%		
Banks – 6.1%		
Associated Banc-Corp.	86,590	1,956,068
Bank of Hawaii Corp.	23,355	1,956,215

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Bank OZK	69,749	\$ 3,245,421
Cadence Bank	113,057	3,367,968
Caithay General Bancorp	44,556	1,915,462
CIT Group, Inc.	57,219	2,937,623
Commerce Bancshares, Inc.	64,046	4,402,522
Cullen/Frost Bankers, Inc.	32,718	4,124,758
East West Bancorp, Inc.	81,878	6,442,161
First Financial Bankshares, Inc. (B)	73,984	3,761,347
First Horizon Corp.	312,003	5,095,009
FNB Corp.	184,015	2,232,102
Fulton Financial Corp.	93,069	1,582,173
Glacier Bancorp, Inc.	62,587	3,548,683
Hancock Whitney Corp.	50,097	2,505,852
Home BancShares, Inc.	86,973	2,117,793
International Bancshares Corp.	30,712	1,301,882
PacWest Bancorp	67,655	3,055,976
Pinnacle Financial Partners, Inc.	43,929	4,195,220
Prosperity Bancshares, Inc.	53,178	3,844,769
Sterling Bancorp	111,185	2,867,461
Synovus Financial Corp.	83,957	4,019,022
Texas Capital Bancshares, Inc. (A)	29,200	1,759,300
UMB Financial Corp.	24,833	2,635,030
Umpqua Holdings Corp.	124,987	2,404,750
United Bankshares, Inc.	78,659	2,853,749
Valley National Bancorp	234,806	3,228,583
Webster Financial Corp.	52,268	2,918,645
Wintrust Financial Corp.	32,892	2,987,251
		89,262,795
Capital markets – 2.0%		
Affiliated Managers Group, Inc.	23,455	3,858,582
Evercore, Inc., Class A	22,513	3,058,391
Federated Hermes, Inc.	55,877	2,099,858
Interactive Brokers Group, Inc., Class A	50,413	4,003,800
Janus Henderson Group PLC	98,424	4,127,903
Jefferies Financial Group, Inc.	113,347	4,397,864
SEI Investments Company	61,151	3,726,542
Stifel Financial Corp.	60,070	4,230,129
		29,503,069
Consumer finance – 0.6%		
FirstCash Holdings, Inc.	23,329	1,745,242
Navient Corp.	92,993	1,973,311
PROG Holdings, Inc. (A)	32,725	1,476,225
SLM Corp.	169,158	3,327,338
		8,522,116
Diversified financial services – 0.3%		
Voya Financial, Inc.	66,025	4,378,118
Insurance – 3.6%		
Alleghany Corp. (A)	7,904	5,276,631
American Financial Group, Inc.	38,168	5,241,230
Brighthouse Financial, Inc. (A)	46,054	2,385,597
CNO Financial Group, Inc.	71,149	1,696,192
First American Financial Corp.	63,334	4,954,619
Kemper Corp.	34,523	2,029,607
Kinsale Capital Group, Inc.	12,376	2,944,127
Mercury General Corp.	15,335	813,675
Old Republic International Corp.	164,738	4,049,260
Primerica, Inc.	22,785	3,492,257
Reinsurance Group of America, Inc.	39,004	4,270,548
RenaissanceRe Holdings, Ltd.	26,553	4,496,219
RLI Corp.	22,973	2,575,273
Selective Insurance Group, Inc.	34,691	2,842,581
The Hanover Insurance Group, Inc.	20,529	2,690,531

John Hancock Variable Insurance Trust

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

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Insurance (continued)		
Unum Group	117,966	\$ 2,898,425
		52,656,772
Thriffs and mortgage finance – 0.7%		
Essent Group, Ltd.	63,717	2,901,035
MGIC Investment Corp.	187,855	2,708,869
New York Community Bancorp, Inc.	268,304	3,275,992
Washington Federal, Inc.	37,587	1,254,654
		10,140,550
		194,463,420
Health care – 9.7%		
Biotechnology – 1.4%		
Arrowhead Pharmaceuticals, Inc. (A)	60,156	3,988,343
Exelixis, Inc. (A)	182,555	3,337,105
Halozyne Therapeutics, Inc. (A)	81,232	3,266,339
Neurocrine Biosciences, Inc. (A)	54,737	4,661,950
United Therapeutics Corp. (A)	25,986	5,615,055
		20,868,792
Health care equipment and supplies – 3.2%		
Envista Holdings Corp. (A)	93,107	4,195,401
Globus Medical, Inc., Class A (A)	45,605	3,292,681
Haemonetics Corp. (A)	29,487	1,563,990
ICU Medical, Inc. (A)	11,519	2,733,919
Integra LifeSciences Holdings Corp. (A)	42,029	2,815,523
LivaNova PLC (A)	30,710	2,684,975
Masimo Corp. (A)	29,313	8,582,260
Neogen Corp. (A)	62,022	2,816,419
NuVasive, Inc. (A)	29,851	1,566,580
Penumbra, Inc. (A)	20,262	5,821,678
Quidel Corp. (A)	21,882	2,953,851
STAAR Surgical Company (A)	27,464	2,507,463
Tandem Diabetes Care, Inc. (A)	36,657	5,517,612
		47,052,352
Health care providers and services – 3.0%		
Acadia Healthcare Company, Inc. (A)	51,891	3,149,784
Amedisys, Inc. (A)	18,811	3,045,125
Chemed Corp.	8,883	4,699,462
Encompass Health Corp.	57,405	3,746,250
HealthEquity, Inc. (A)	48,183	2,131,616
LHC Group, Inc. (A)	18,274	2,507,741
Molina Healthcare, Inc. (A)	33,696	10,718,024
Option Care Health, Inc. (A)	79,914	2,272,754
Patterson Companies, Inc.	49,976	1,466,796
Progyny, Inc. (A)	40,176	2,022,862
R1 RCM, Inc. (A)	76,883	1,959,748
Tenet Healthcare Corp. (A)	61,810	5,049,259
		42,769,421
Life sciences tools and services – 1.6%		
Bruker Corp.	58,627	4,919,392
Medpace Holdings, Inc. (A)	16,589	3,610,430
Repligen Corp. (A)	29,668	7,857,273
Syneos Health, Inc. (A)	59,828	6,143,139
		22,530,234
Pharmaceuticals – 0.5%		
Jazz Pharmaceuticals PLC (A)	35,467	4,518,496
Perrigo Company PLC	77,185	3,002,497
		7,520,993
		140,741,792
Industrials – 18.6%		
Aerospace and defense – 0.9%		
Axon Enterprise, Inc. (A)	37,894	5,949,358
Curtiss-Wright Corp.	22,641	3,139,627

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
Hexcel Corp. (A)	48,405	\$ 2,507,379
Mercury Systems, Inc. (A)	32,684	1,799,581
		13,395,945
Air freight and logistics – 0.4%		
GXO Logistics, Inc. (A)	56,886	5,166,955
Airlines – 0.2%		
JetBlue Airways Corp. (A)	183,498	2,613,012
Building products – 2.8%		
Builders FirstSource, Inc. (A)	110,493	9,470,355
Carlisle Companies, Inc.	30,168	7,485,284
Lennox International, Inc.	19,422	6,299,720
Owens Corning	57,979	5,247,100
Simpson Manufacturing Company, Inc.	25,064	3,485,650
Trex Company, Inc. (A)	66,420	8,968,693
		40,956,802
Commercial services and supplies – 1.5%		
Clean Harbors, Inc. (A)	28,883	2,881,657
IAA, Inc. (A)	77,804	3,938,438
MillerKnoll, Inc.	43,721	1,713,426
MSA Safety, Inc.	21,038	3,175,896
Stericycle, Inc. (A)	53,003	3,161,099
Tetra Tech, Inc.	31,198	5,297,420
The Brink's Company	28,361	1,859,631
		22,027,567
Construction and engineering – 1.4%		
AECOM (A)	83,121	6,429,409
Dycom Industries, Inc. (A)	17,408	1,632,174
EMCOR Group, Inc.	30,796	3,923,102
Fluor Corp. (A)	81,592	2,021,034
MasTec, Inc. (A)	33,012	3,046,347
Valmont Industries, Inc.	12,246	3,067,623
		20,119,689
Electrical equipment – 2.0%		
Acuity Brands, Inc.	20,151	4,266,370
EnerSys	24,170	1,910,880
Hubbell, Inc.	31,394	6,538,428
nVent Electric PLC	97,070	3,688,660
Regal Rexnord Corp.	39,096	6,653,357
Sunrun, Inc. (A)	119,438	4,096,723
Vicor Corp. (A)	12,374	1,571,251
		28,725,669
Machinery – 4.9%		
AGCO Corp.	35,406	4,107,804
Colfax Corp. (A)	77,696	3,571,685
Crane Company	28,802	2,930,027
Donaldson Company, Inc.	71,312	4,225,949
Flowserve Corp.	75,162	2,299,957
Graco, Inc.	98,068	7,906,242
ITT, Inc.	49,390	5,047,164
Kennametal, Inc.	48,262	1,733,088
Lincoln Electric Holdings, Inc.	34,070	4,751,743
Nordson Corp.	31,184	7,960,340
Oshkosh Corp.	39,602	4,463,541
Terex Corp.	40,273	1,769,998
The Middleby Corp. (A)	32,095	6,315,012
The Timken Company	39,831	2,759,890
The Toro Company	61,417	6,136,172
Trinity Industries, Inc.	47,192	1,425,198

John Hancock Variable Insurance Trust

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

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
Woodward, Inc.	36,375	\$ 3,981,608
		71,385,418
Marine – 0.1%		
Kirby Corp. (A)	34,683	2,060,864
Professional services – 1.5%		
ASGN, Inc. (A)	30,061	3,709,527
CACI International, Inc., Class A (A)	13,459	3,623,297
FTI Consulting, Inc. (A)	19,784	3,035,261
Insperty, Inc.	20,660	2,440,153
KBR, Inc.	80,942	3,854,458
ManpowerGroup, Inc.	31,296	3,046,040
Science Applications International Corp.	33,214	2,776,358
		22,485,094
Road and rail – 2.0%		
Avis Budget Group, Inc. (A)	23,124	4,795,224
Knight-Swift Transportation Holdings, Inc.	95,754	5,835,249
Landstar System, Inc.	21,988	3,936,292
Ryder System, Inc.	30,980	2,553,681
Saia, Inc. (A)	15,196	5,121,508
Werner Enterprises, Inc.	35,118	1,673,724
XPO Logistics, Inc. (A)	56,920	4,407,316
		28,322,994
Trading companies and distributors – 0.9%		
GATX Corp.	20,483	2,134,124
MSC Industrial Direct Company, Inc., Class A	27,014	2,270,797
Univar Solutions, Inc. (A)	98,639	2,796,416
Watsco, Inc.	19,055	5,961,928
		13,163,265
		270,423,274
Information technology – 14.0%		
Communications equipment – 0.9%		
Ciena Corp. (A)	89,391	6,880,425
Lumentum Holdings, Inc. (A)	41,716	4,412,301
ViaSat, Inc. (A)	42,376	1,887,427
		13,180,153
Electronic equipment, instruments and components – 3.2%		
Arrow Electronics, Inc. (A)	40,175	5,394,297
Avnet, Inc.	57,249	2,360,376
Belden, Inc.	25,905	1,702,736
Cognex Corp.	102,010	7,932,298
Coherent, Inc. (A)	14,156	3,773,140
II-VI, Inc. (A)	61,241	4,184,598
Jabil, Inc.	82,702	5,818,086
Littelfuse, Inc.	14,212	4,472,232
National Instruments Corp.	76,094	3,323,025
TD SYNNEX Corp.	23,820	2,724,055
Vishay Intertechnology, Inc.	76,571	1,674,608
Vontier Corp.	97,544	2,997,527
		46,356,978
IT services – 1.9%		
Alliance Data Systems Corp.	28,725	1,912,223
Concentrix Corp.	24,754	4,421,560
Genpact, Ltd.	99,825	5,298,711
Kyndryl Holdings, Inc. (A)	103,358	1,870,780
LiveRamp Holdings, Inc. (A)	39,288	1,883,860
MAXIMUS, Inc.	35,468	2,825,736
Sabre Corp. (A)	186,616	1,603,031
The Western Union Company	231,950	4,137,988

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
IT services (continued)		
WEX, Inc. (A)	25,860	\$ 3,630,485
		27,584,374
Semiconductors and semiconductor equipment – 4.2%		
Amkor Technology, Inc.	57,846	1,434,002
Azenta, Inc.	42,897	4,423,110
Cirrus Logic, Inc. (A)	32,966	3,033,531
CMC Materials, Inc.	16,401	3,143,908
First Solar, Inc. (A)	57,054	4,972,827
Lattice Semiconductor Corp. (A)	79,012	6,088,665
MKS Instruments, Inc.	31,999	5,573,266
Power Integrations, Inc.	34,810	3,233,501
Semtech Corp. (A)	37,156	3,304,283
Silicon Laboratories, Inc. (A)	23,187	4,786,261
SiTime Corp. (A)	8,648	2,529,886
SunPower Corp. (A)(B)	47,909	999,861
Synaptics, Inc. (A)	22,659	6,560,007
Universal Display Corp.	25,016	4,128,390
Wolfspeed, Inc. (A)	66,867	7,473,729
		61,685,227
Software – 3.7%		
ACI Worldwide, Inc. (A)	67,834	2,353,840
Aspen Technology, Inc. (A)	38,611	5,876,594
Blackbaud, Inc. (A)	23,906	1,888,096
CDK Global, Inc.	68,277	2,849,882
Cerence, Inc. (A)	21,929	1,680,639
CommVault Systems, Inc. (A)	26,258	1,809,701
Digital Turbine, Inc. (A)	50,734	3,094,267
Envestnet, Inc. (A)	31,529	2,501,511
Fair Isaac Corp. (A)	15,785	6,845,481
Manhattan Associates, Inc. (A)	36,513	5,677,406
Mimecast, Ltd. (A)	35,627	2,834,840
NCR Corp. (A)	76,161	3,061,672
Paylocity Holding Corp. (A)	22,859	5,398,381
Qualys, Inc. (A)	19,265	2,643,543
Sailpoint Technologies Holdings, Inc. (A)	53,812	2,601,272
Teradata Corp. (A)	62,602	2,658,707
		53,775,832
Technology hardware, storage and peripherals – 0.1%		
Xerox Holdings Corp.	79,309	1,795,556
		204,378,120
Materials – 6.5%		
Chemicals – 2.6%		
Ashland Global Holdings, Inc.	32,589	3,508,532
Avient Corp.	52,789	2,953,545
Cabot Corp.	32,730	1,839,426
Ingevity Corp. (A)	22,667	1,625,224
Minerals Technologies, Inc.	19,211	1,405,285
NewMarket Corp.	3,986	1,366,082
Olin Corp.	82,762	4,760,470
RPM International, Inc.	74,844	7,559,244
Sensient Technologies Corp.	24,248	2,426,255
The Chemours Company	94,025	3,155,479
The Scotts Miracle-Gro Company	23,503	3,783,983
Valvoline, Inc.	104,296	3,889,198
		38,272,723
Construction materials – 0.3%		
Eagle Materials, Inc.	23,468	3,906,483
Containers and packaging – 0.8%		
AptarGroup, Inc.	37,981	4,651,913
Greif, Inc., Class A	15,319	924,808
Silgan Holdings, Inc.	48,416	2,074,141

John Hancock Variable Insurance Trust

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

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Containers and packaging (continued)		
Sonoco Products Company	56,732	\$ 3,284,215
		10,935,077
Metals and mining – 2.5%		
Alcoa Corp.	107,955	6,431,959
Cleveland-Cliffs, Inc. (A)	262,574	5,716,236
Commercial Metals Company	69,579	2,525,022
Compass Minerals International, Inc.	19,640	1,003,211
Reliance Steel & Aluminum Company	36,151	5,864,415
Royal Gold, Inc.	37,871	3,984,408
Steel Dynamics, Inc.	108,778	6,751,850
U.S. Steel Corp.	155,919	3,712,431
Worthington Industries, Inc.	18,665	1,020,229
		37,009,761
Paper and forest products – 0.3%		
Louisiana-Pacific Corp.	50,768	3,977,673
		94,101,717
Real estate – 10.1%		
Equity real estate investment trusts – 9.6%		
American Campus Communities, Inc.	80,291	4,599,871
Apartment Income REIT Corp.	90,577	4,951,845
Brixmor Property Group, Inc.	171,356	4,354,156
Camden Property Trust	58,966	10,536,045
Corporate Office Properties Trust	64,809	1,812,708
Cousins Properties, Inc.	85,791	3,455,661
CyrusOne, Inc.	73,226	6,569,837
Douglas Emmett, Inc.	101,252	3,391,942
EastGroup Properties, Inc.	23,474	5,348,551
EPR Properties	43,161	2,049,716
First Industrial Realty Trust, Inc.	75,175	4,976,585
Healthcare Realty Trust, Inc.	85,129	2,693,482
Highwoods Properties, Inc.	60,227	2,685,522
Hudson Pacific Properties, Inc.	87,977	2,173,912
JBG SMITH Properties	65,867	1,891,042
Kilroy Realty Corp.	60,477	4,019,301
Kite Realty Group Trust	126,369	2,752,317
Lamar Advertising Company, Class A	50,093	6,076,281
Life Storage, Inc.	47,325	7,249,244
Medical Properties Trust, Inc.	344,054	8,129,996
National Retail Properties, Inc.	101,328	4,870,837
National Storage Affiliates Trust	47,280	3,271,776
Omega Healthcare Investors, Inc.	137,883	4,079,958
Park Hotels & Resorts, Inc. (A)	136,444	2,576,063
Pebblebrook Hotel Trust	75,806	1,695,780
Physicians Realty Trust	127,102	2,393,331
PotlatchDeltic Corp.	38,716	2,331,478
PS Business Parks, Inc.	11,605	2,137,293
Rayonier, Inc.	82,597	3,333,615
Rexford Industrial Realty, Inc.	87,406	7,089,501
Sabra Health Care REIT, Inc.	131,943	1,786,508
SL Green Realty Corp.	38,500	2,760,450
Spirit Realty Capital, Inc.	71,151	3,428,767
STORE Capital Corp.	141,596	4,870,902
The Macerich Company	122,918	2,124,023
Urban Edge Properties	63,531	1,207,089
		139,675,385
Real estate management and development – 0.5%		
Jones Lang LaSalle, Inc. (A)	29,119	7,842,911
		147,518,296

Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Utilities – 3.3%		
Electric utilities – 1.0%		
ALLETE, Inc.	30,333	\$ 2,012,595
Hawaiian Electric Industries, Inc.	63,070	2,617,405
IDACORP, Inc.	29,147	3,302,647
OGE Energy Corp.	115,497	4,432,775
PNM Resources, Inc.	49,525	2,258,835
		14,624,257
Gas utilities – 1.2%		
National Fuel Gas Company	52,610	3,363,883
New Jersey Resources Corp.	55,640	2,284,578
ONE Gas, Inc.	30,919	2,399,005
Southwest Gas Holdings, Inc.	34,841	2,440,612
Spire, Inc.	29,820	1,944,860
UGI Corp.	120,645	5,538,812
		17,971,750
Multi-utilities – 0.6%		
Black Hills Corp.	36,823	2,598,599
MDU Resources Group, Inc.	117,330	3,618,457
NorthWestern Corp.	30,380	1,736,521
		7,953,577
Water utilities – 0.5%		
Essential Utilities, Inc.	132,704	7,124,878
		47,674,462
TOTAL COMMON STOCKS (Cost \$1,019,764,709)		\$ 1,422,204,132
SHORT-TERM INVESTMENTS – 3.5%		
U.S. Government Agency – 2.4%		
Federal Home Loan Bank Discount Note 0.040%, 03/15/2022 *	\$ 35,000,000	34,996,550
Short-term funds – 0.7%		
John Hancock Collateral Trust, 0.1697% (C)(D)	989,835	9,901,319
Repurchase agreement – 0.4%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$5,688,000 on 1-3-22, collateralized by \$5,304,400 U.S. Treasury Notes, 2.875% due 5-15-28 (valued at \$5,801,795)	\$ 5,688,000	5,688,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$50,588,185)		\$ 50,585,869
Total Investments (Mid Cap Index Trust) (Cost \$1,070,352,894) – 101.1%		\$ 1,472,790,001
Other assets and liabilities, net – (1.1%)		(16,316,387)
TOTAL NET ASSETS – 100.0%		\$ 1,456,473,614

Security Abbreviations and Legend

- (A) Non-income producing security.
 (B) All or a portion of this security is on loan as of 12-31-21.
 (C) The rate shown is the annualized seven-day yield as of 12-31-21.
 (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 — December 31, 2021 (showing percentage of total net assets)

Mid Cap Index Trust (continued)

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
S&P Mid 400 Index E-Mini Futures	128	Long	Mar 2022	\$35,387,833	\$36,322,560	\$934,727
						\$934,727

[^] 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
COMMON STOCKS – 93.6%		
Communication services – 4.8%		
Entertainment – 0.2%		
Madison Square Garden Sports Corp. (A)	8,110	\$ 1,408,950
Media – 4.4%		
DISH Network Corp., Class A (A)	94,916	3,079,075
Fox Corp., Class A	101,953	3,762,066
News Corp., Class A	613,932	13,696,823
Scholastic Corp.	99,213	3,964,551
ViacomCBS, Inc., Class B	165,062	4,981,571
		29,484,086
Wireless telecommunication services – 0.2%		
Telephone & Data Systems, Inc.	60,403	1,217,120
		32,110,156
Consumer discretionary – 2.2%		
Diversified consumer services – 0.5%		
Strategic Education, Inc.	53,475	3,092,994
Hotels, restaurants and leisure – 0.5%		
Compass Group PLC (A)	145,662	3,279,388
Household durables – 0.3%		
Mohawk Industries, Inc. (A)	9,881	1,800,121
Textiles, apparel and luxury goods – 0.9%		
Ralph Lauren Corp.	53,841	6,399,541
		14,572,044
Consumer staples – 8.6%		
Beverages – 0.6%		
Carlsberg A/S, Class B	24,092	4,159,429
Food and staples retailing – 1.4%		
Sysco Corp.	114,511	8,994,839
Food products – 5.9%		
Bunge, Ltd.	156,651	14,624,937
Campbell Soup Company	169,776	7,378,465
Flowers Foods, Inc.	572,599	15,729,295
The Kraft Heinz Company	45,959	1,649,928
		39,382,625
Household products – 0.7%		
Kimberly-Clark Corp.	31,821	4,547,857
		57,084,750
Energy – 10.7%		
Energy equipment and services – 2.5%		
Expro Group Holdings NV (A)	268,099	3,847,221
NOV, Inc.	289,644	3,924,676
SEACOR Marine Holdings, Inc. (A)	120,598	410,033
TechnipFMC PLC (A)	1,018,971	6,032,308

Mid Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Energy equipment and services (continued)		
Tidewater, Inc. (A)	207,950	\$ 2,227,145
		16,441,383
Oil, gas and consumable fuels – 8.2%		
APA Corp.	140,500	3,778,045
Cameco Corp.	462,969	10,097,354
Canadian Natural Resources, Ltd.	236,190	9,979,028
EQT Corp. (A)	294,536	6,423,830
Equitrans Midstream Corp.	569,939	5,893,169
Imperial Oil, Ltd. (B)	401,868	14,507,435
NAC Kazatomprom JSC, GDR	96,033	3,522,161
		54,201,022
		70,642,405
Financials – 19.2%		
Banks – 4.3%		
Fifth Third Bancorp	344,783	15,015,300
Popular, Inc.	59,883	4,912,801
Sterling Bancorp	112,300	2,896,217
Westamerica BanCorp	97,607	5,634,852
		28,459,170
Capital markets – 4.5%		
Lazard, Ltd., Class A	85,551	3,732,590
Northern Trust Corp.	80,831	9,668,196
Open Lending Corp., Class A (A)	40,000	899,200
State Street Corp.	168,748	15,693,564
		29,993,550
Diversified financial services – 1.6%		
Groupe Bruxelles Lambert SA	62,496	6,979,981
Jackson Financial, Inc., Class A	87,712	3,668,993
		10,648,974
Insurance – 8.4%		
Brighthouse Financial, Inc. (A)	119,285	6,178,963
Brown & Brown, Inc.	143,330	10,073,232
CNA Financial Corp.	163,445	7,204,656
Kemper Corp.	104,221	6,127,153
Loews Corp.	243,093	14,041,052
Marsh & McLennan Companies, Inc.	25,832	4,490,118
RenaissanceRe Holdings, Ltd.	44,449	7,526,549
		55,641,723
Thriffs and mortgage finance – 0.4%		
Capitol Federal Financial, Inc.	253,263	2,869,470
		127,612,887
Health care – 13.5%		
Biotechnology – 1.8%		
ACADIA Pharmaceuticals, Inc. (A)	108,100	2,523,054
Alkermes PLC (A)	165,506	3,849,670
BioMarin Pharmaceutical, Inc. (A)	27,974	2,471,503

John Hancock Variable Insurance Trust

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

Mid Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Galapagos NV (A)	36,713	\$ 2,037,325
Incyte Corp. (A)	16,689	1,224,973
		12,106,525
Health care equipment and supplies – 4.3%		
Baxter International, Inc.	109,728	9,419,052
Dentsply Sirona, Inc.	139,842	7,801,785
Hologic, Inc. (A)	49,454	3,786,198
Zimmer Biomet Holdings, Inc.	56,140	7,132,026
		28,139,061
Health care providers and services – 7.3%		
Cardinal Health, Inc.	305,705	15,740,750
Centene Corp. (A)	55,500	4,573,200
Covetrus, Inc. (A)	76,096	1,519,637
Fresenius Medical Care AG & Company KGaA	11,687	757,647
Fresenius SE & Company KGaA	67,013	2,693,479
Fresenius SE & Company KGaA, ADR (B)	135,772	1,355,005
Patterson Companies, Inc.	315,830	9,269,611
Select Medical Holdings Corp.	420,136	12,351,998
		48,261,327
Pharmaceuticals – 0.1%		
Perrigo Company PLC	21,396	832,304
		89,339,217
Industrials – 6.4%		
Aerospace and defense – 3.1%		
Rolls-Royce Holdings PLC (A)	2,713,272	4,528,819
Textron, Inc.	210,237	16,230,296
		20,759,115
Air freight and logistics – 0.6%		
CH Robinson Worldwide, Inc.	36,541	3,932,908
Airlines – 0.2%		
Southwest Airlines Company (A)	34,604	1,482,435
Commercial services and supplies – 0.3%		
Cintas Corp.	3,772	1,671,637
Machinery – 1.6%		
AGCO Corp.	15,028	1,743,549
PACCAR, Inc.	101,638	8,970,570
		10,714,119
Road and rail – 0.6%		
JB Hunt Transport Services, Inc.	19,729	4,032,608
		42,592,822
Information technology – 1.8%		
Electronic equipment, instruments and components – 0.9%		
National Instruments Corp.	128,985	5,632,775
Semiconductors and semiconductor equipment – 0.9%		
Applied Materials, Inc.	39,723	6,250,811
		11,883,586
Materials – 10.8%		
Chemicals – 2.4%		
Corteva, Inc.	205,032	9,693,913
PPG Industries, Inc.	15,761	2,717,827
Westlake Chemical Corp.	33,620	3,265,511
		15,677,251
Construction materials – 2.2%		
Summit Materials, Inc., Class A (A)	239,408	9,609,837
Vulcan Materials Company	23,171	4,809,836
		14,419,673
Metals and mining – 6.2%		
AngloGold Ashanti, Ltd., ADR	252,698	5,301,604

Mid Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Metals and mining (continued)		
Centerra Gold, Inc.	47,339	\$ 364,880
Cia de Minas Buenaventura SAA, ADR (A)(B)	552,202	4,042,119
Franco-Nevada Corp.	94,917	13,126,827
Freeport-McMoRan, Inc.	193,161	8,060,609
Fresnillo PLC	515,025	6,262,105
Gold Fields, Ltd., ADR	379,967	4,175,837
		41,333,981
		71,430,905
Real estate – 7.8%		
Equity real estate investment trusts – 7.5%		
Apartment Income REIT Corp.	37,990	2,076,913
Apartment Investment and Management Company, Class A (A)	417,176	3,220,599
Equity Commonwealth (A)	314,972	8,157,775
Equity Residential	59,856	5,416,968
Rayonier, Inc.	256,894	10,368,242
Regency Centers Corp.	98,281	7,405,473
Weyerhaeuser Company	318,706	13,124,313
		49,770,283
Real estate management and development – 0.3%		
The St. Joe Company	32,761	1,705,210
		51,475,493
Utilities – 7.8%		
Electric utilities – 4.7%		
FirstEnergy Corp.	419,848	17,461,476
PG&E Corp. (A)	1,139,900	13,838,386
		31,299,862
Gas utilities – 1.3%		
Atmos Energy Corp.	20,300	2,126,831
National Fuel Gas Company	105,216	6,727,511
		8,854,342
Independent power and renewable electricity producers – 0.7%		
Vistra Corp.	202,658	4,614,523
Multi-utilities – 1.1%		
CenterPoint Energy, Inc.	259,605	7,245,576
		52,014,303
TOTAL COMMON STOCKS (Cost \$457,460,667)		\$ 620,758,568
PREFERRED SECURITIES – 0.2%		
Consumer staples – 0.2%		
Food products – 0.2%		
Bunge, Ltd., 4.875%	8,102	1,026,847
TOTAL PREFERRED SECURITIES (Cost \$917,915)		\$ 1,026,847
CORPORATE BONDS - 0.0%		
Energy - 0.0%		
Weatherford International, Ltd. 11.000%, 12/01/2024 (C)	\$ 172,000	177,160
TOTAL CORPORATE BONDS (Cost \$136,766)		\$ 177,160
SHORT-TERM INVESTMENTS – 6.3%		
Short-term funds – 6.3%		
John Hancock Collateral Trust, 0.1697% (D)(E)	102,881	1,029,121

John Hancock Variable Insurance Trust

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

Mid Value Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS (continued)		
Short-term funds (continued)		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (D)	2,575,038	\$ 2,575,038
T. Rowe Price Government Reserve Fund, 0.0570% (D)	37,986,291	37,986,291
TOTAL SHORT-TERM INVESTMENTS (Cost \$41,590,445)		\$ 41,590,450
Total Investments (Mid Value Trust) (Cost \$500,105,793) – 100.1%		\$ 663,553,025
Other assets and liabilities, net – (0.1%)		(527,693)
TOTAL NET ASSETS – 100.0%		\$ 663,025,332

Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 12-31-21.
(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 12-31-21.
(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
COMMON STOCKS – 98.7%		
Consumer discretionary – 2.0%		
Hotels, restaurants and leisure – 1.5%		
Casinos and gaming – 0.2%		
Caesars Entertainment, Inc. (A)	10,970	\$ 1,026,024
Hotels, resorts and cruise lines – 1.3%		
Bluegreen Vacations Holding Corp. (A)	20,200	709,020
Playa Hotels & Resorts NV (A)	605,738	4,833,789
		5,542,809
Household durables – 0.5%		
Homebuilding – 0.5%		
D.R. Horton, Inc.	18,660	2,023,677
		8,592,510
Health care – 1.7%		
Health care providers and services – 1.7%		
Health care facilities – 1.7%		
Brookdale Senior Living, Inc. (A)	178,403	920,559
HCA Healthcare, Inc.	25,063	6,439,186
		7,359,745
Real estate – 95.0%		
Equity real estate investment trusts – 89.5%		
Health care REITs – 4.6%		
Welltower, Inc.	230,479	19,768,185
Hotel and resort REITs – 2.5%		
Pebblebrook Hotel Trust	134,659	3,012,322
Ryman Hospitality Properties, Inc. (A)	83,512	7,679,764
		10,692,086

Real Estate Securities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Industrial REITs – 17.6%		
First Industrial Realty Trust, Inc.	126,000	\$ 8,341,200
Innovative Industrial Properties, Inc.	21,118	5,552,133
Prologis, Inc.	283,254	47,688,643
Rexford Industrial Realty, Inc.	181,797	14,745,555
		76,327,531
Office REITs – 7.8%		
Alexandria Real Estate Equities, Inc.	62,978	14,041,575
Douglas Emmett, Inc.	214,785	7,195,298
SL Green Realty Corp.	139,586	10,008,314
Veris Residential, Inc. (A)	130,280	2,394,546
		33,639,733
Residential REITs – 21.1%		
AvalonBay Communities, Inc.	87,326	22,057,674
Camden Property Trust	76,828	13,727,627
Independence Realty Trust, Inc.	349,379	9,024,460
Invitation Homes, Inc.	314,868	14,276,115
Sun Communities, Inc.	72,806	15,287,076
UDR, Inc.	284,820	17,086,352
		91,459,304
Retail REITs – 11.6%		
Acadia Realty Trust	191,235	4,174,660
Brixmor Property Group, Inc.	515,842	13,107,545
Kimco Realty Corp.	482,608	11,896,287
Phillips Edison & Company, Inc.	165,970	5,483,649
Simon Property Group, Inc.	98,654	15,761,950
		50,424,091
Specialized REITs – 24.3%		
American Tower Corp.	61,637	18,028,823
Equinix, Inc.	15,382	13,010,711
Extra Space Storage, Inc.	113,264	25,680,347
Life Storage, Inc.	107,321	16,439,431
PotlatchDeltic Corp.	50,860	3,062,789
Public Storage	16,906	6,332,311
SBA Communications Corp.	30,225	11,758,130
VICI Properties, Inc.	357,548	10,765,770
		105,078,312
		387,389,242
Real estate management and development – 5.5%		
Real estate operating companies – 1.5%		
Tricon Residential, Inc.	427,906	6,549,081
Real estate services – 4.0%		
CBRE Group, Inc., Class A (A)	78,274	8,493,512
Colliers International Group, Inc. (New York Stock Exchange) (B)	58,050	8,629,133
		17,122,645
		23,671,726
		411,060,968
TOTAL COMMON STOCKS (Cost \$311,566,938)		\$ 427,013,223

John Hancock Variable Insurance Trust

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

Real Estate Securities Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 0.9%		
Short-term funds – 0.9%		
John Hancock Collateral Trust, 0.1697% (C)(D)	155,508	\$ 1,555,545
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)	2,065,702	2,065,702
TOTAL SHORT-TERM INVESTMENTS (Cost \$3,621,503)		\$ 3,621,247
Total Investments (Real Estate Securities Trust) (Cost \$315,188,441) – 99.6%		\$ 430,634,470
Other assets and liabilities, net – 0.4%		1,885,181
TOTAL NET ASSETS – 100.0%		\$ 432,519,651

Security Abbreviations and Legend

(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 12-31-21.
(C)	The rate shown is the annualized seven-day yield as of 12-31-21.
(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.

Science & Technology Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 97.4%		
Communication services – 14.9%		
Entertainment – 0.8%		
CTS Eventim AG & Company KGaA (A)	67,717	\$ 4,949,633
ROBLOX Corp., Class A (A)	26,501	2,733,843
Take-Two Interactive Software, Inc. (A)	2,580	458,518
		8,141,994
Interactive media and services – 14.1%		
Alphabet, Inc., Class A (A)	1,460	4,229,678
Alphabet, Inc., Class C (A)	16,028	46,378,461
Baidu, Inc., ADR (A)	179,611	26,724,321
Kanzhun, Ltd., ADR (A)(B)	27,588	962,269
Kuaishou Technology (A)(C)	13,100	121,456
Meta Platforms, Inc., Class A (A)	123,222	41,445,720
Pinterest, Inc., Class A (A)	191,911	6,975,965
VK Company, Ltd., GDR (A)	732,550	8,479,709
ZoomInfo Technologies, Inc. (A)	251,025	16,115,805
		151,433,384
		159,575,378
Consumer discretionary – 21.8%		
Auto components – 0.3%		
Aptiv PLC (A)	17,495	2,885,800
Automobiles – 1.0%		
Rivian Automotive, Inc., Class A (A)(B)	39,543	4,100,214
Tesla, Inc. (A)	6,280	6,636,578
		10,736,792
Diversified consumer services – 0.2%		
New Oriental Education & Technology Group, Inc., ADR (A)	1,182,568	2,483,393
Hotels, restaurants and leisure – 5.6%		
Airbnb, Inc., Class A (A)	7,155	1,191,236
Booking Holdings, Inc. (A)	9,738	23,363,702
Expedia Group, Inc. (A)	16,925	3,058,686
Tongcheng Travel Holdings, Ltd. (A)	2,788,400	5,168,838

Science & Technology Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hotels, restaurants and leisure (continued)		
Trip.com Group, Ltd., ADR (A)	1,106,412	\$ 27,239,863
		60,022,325
Internet and direct marketing retail – 14.0%		
Alibaba Group Holding, Ltd., ADR (A)	230,537	27,385,490
Amazon.com, Inc. (A)	14,932	49,788,365
boohoo Group PLC (A)	3,378,782	5,665,512
Coupang, Inc. (A)	162,752	4,781,654
Deliveroo PLC (A)(C)	1,380,436	3,940,642
Delivery Hero SE (A)(C)	125,444	13,885,463
D-Market Elektronik Hizmetler ve Ticaret AS, ADR (A)	345,590	660,077
Etsy, Inc. (A)	16,938	3,708,406
Naspers, Ltd., N Shares	39,312	6,101,656
Prosus NV (A)	73,986	6,127,891
Wayfair, Inc., Class A (A)(B)	17,028	3,234,809
Zalando SE (A)(C)	306,247	24,670,178
		149,950,143
Specialty retail – 0.7%		
Auto1 Group SE (A)(C)	101,384	2,240,744
Warby Parker, Inc., Class A (A)	106,647	4,965,484
		7,206,228
		233,284,681
Industrials – 0.4%		
Electrical equipment – 0.0%		
Bloom Energy Corp., Class A (A)	2,605	57,128
Professional services – 0.1%		
LegalZoom.com, Inc. (A)(B)	27,577	443,162
Road and rail – 0.3%		
DiDi Global, Inc. (A)	9,513	189,499
Lyft, Inc., Class A (A)	77,110	3,294,910
		3,484,409
		3,984,699
Information technology – 60.3%		
Communications equipment – 0.3%		
Arista Networks, Inc. (A)	9,115	1,310,281
F5, Inc. (A)	8,220	2,011,516
		3,321,797
Electronic equipment, instruments and components – 0.7%		
Cognex Corp.	6,880	534,989
Flex, Ltd. (A)	51,735	948,303
IPG Photonics Corp. (A)	4,810	827,993
Samsung SDI Company, Ltd.	9,933	5,462,871
		7,774,156
IT services – 6.1%		
Adyen NV (A)(C)	650	1,706,250
Block, Inc. (A)	3,545	572,553
Cloudflare, Inc., Class A (A)	4,240	557,560
DXC Technology Company (A)	134,655	4,334,544
EPAM Systems, Inc. (A)	3,610	2,413,105
Fiserv, Inc. (A)	16,042	1,664,999
MongoDB, Inc. (A)	46,230	24,471,851
Okta, Inc. (A)	68,310	15,313,053
Shopify, Inc., Class A (A)	2,700	3,718,953
Snowflake, Inc., Class A (A)	19,738	6,686,248
Toast, Inc., Class A (A)(B)	320	11,107
Twilio, Inc., Class A (A)	14,900	3,923,766
		65,373,989
Semiconductors and semiconductor equipment – 16.4%		
Advanced Micro Devices, Inc. (A)	28,605	4,116,260
Applied Materials, Inc.	88,241	13,885,604
ASML Holding NV, NYRS	3,730	2,969,602

John Hancock Variable Insurance Trust

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

Science & Technology Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment (continued)		
Broadcom, Inc.	6,740	\$ 4,484,863
GlobalFoundries, Inc. (A)	38,850	2,524,085
Infinion Technologies AG	145,345	6,691,459
KLA Corp.	6,660	2,864,533
Lam Research Corp.	7,730	5,559,030
Marvell Technology, Inc.	130,705	11,435,380
Micron Technology, Inc.	288,063	26,833,068
NVIDIA Corp.	58,165	17,106,908
NXP Semiconductors NV	27,345	6,228,644
ON Semiconductor Corp. (A)	217,480	14,771,242
QUALCOMM, Inc.	91,296	16,695,300
SK Hynix, Inc.	67,525	7,416,447
STMicroelectronics NV	111,416	5,478,873
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	82,110	9,878,654
Teradyne, Inc.	16,260	2,658,998
Tokyo Electron, Ltd.	10,500	6,043,510
Wolfspeed, Inc. (A)	11,190	1,250,706
Xilinx, Inc.	31,296	6,635,691
		175,528,857
Software – 29.5%		
Altair Engineering, Inc., Class A (A)	8,755	676,937
Alteryx, Inc., Class A (A)	19,785	1,196,993
Asana, Inc., Class A (A)	161,790	12,061,445
Atlassian Corp. PLC, Class A (A)	11,745	4,478,251
Box, Inc., Class A (A)	48,545	1,271,394
Citrix Systems, Inc.	317,522	30,034,406
Coupa Software, Inc. (A)	5,292	836,401
CrowdStrike Holdings, Inc., Class A (A)	54,040	11,064,690
Datadog, Inc., Class A (A)	76,750	13,669,943
DocuSign, Inc. (A)	9,700	1,477,407
ForgeRock, Inc., Class A (A)(B)	33,915	905,191
Fortinet, Inc. (A)	26,105	9,382,137
HashiCorp, Inc., Class A (A)	8,360	761,094
HubSpot, Inc. (A)	18,868	12,436,842
Intuit, Inc.	19,960	12,838,671
KnowBe4, Inc., Class A (A)	47,193	1,082,607
Mandiant, Inc. (A)	28,035	491,734
Microsoft Corp.	212,848	71,585,038
Monday.com, Ltd. (A)(B)	6,765	2,088,491
NortonLifeLock, Inc.	256,540	6,664,909
Oracle Corp.	12,725	1,109,747
Palo Alto Networks, Inc. (A)	16,580	9,231,081
Paycom Software, Inc. (A)	31,295	12,993,371
Procore Technologies, Inc. (A)	6,687	534,759
salesforce.com, Inc. (A)	153,100	38,907,303
Smartsheet, Inc., Class A (A)	7,590	587,846
TeamViewer AG (A)(C)	220,467	2,958,380
The Trade Desk, Inc., Class A (A)	118,130	10,825,433
Workday, Inc., Class A (A)	18,995	5,189,054
Zoom Video Communications, Inc., Class A (A)	135,420	24,905,092
Zscaler, Inc. (A)	42,412	13,628,248
		315,874,895
Technology hardware, storage and peripherals – 7.3%		
Apple, Inc.	139,045	24,690,221
Pure Storage, Inc., Class A (A)	838,711	27,300,043
Samsung Electronics Company, Ltd.	254,805	16,734,296
Seagate Technology Holdings PLC	88,255	9,971,050
		78,695,610
		646,569,304
TOTAL COMMON STOCKS (Cost \$920,544,891)		\$ 1,043,414,062

Science & Technology Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 3.7%		
Short-term funds – 2.1%		
John Hancock Collateral Trust, 0.1697% (D)(E)	857,022	\$ 8,572,790
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (D)	500,010	500,010
T. Rowe Price Government Reserve Fund, 0.0570% (D)	13,109,109	13,109,109
		22,181,909
Repurchase agreement – 1.6%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$17,374,000 on 1-3-22, collateralized by \$17,901,900 U.S. Treasury Notes, 1.250% due 6-30-28 (valued at \$17,721,485)	\$ 17,374,000	17,374,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$39,556,337)		\$ 39,555,909
Total Investments (Science & Technology Trust) (Cost \$960,101,228) – 101.1%		
		\$ 1,082,969,971
Other assets and liabilities, net – (1.1%)		
		(11,801,544)
TOTAL NET ASSETS – 100.0%		\$ 1,071,168,427

Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global 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 12-31-21.
(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 12-31-21.
(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 Index Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 95.8%		
Communication services – 2.9%		
Diversified telecommunication services – 0.6%		
Anterix, Inc. (A)	2,649	\$ 155,655
ATN International, Inc.	2,479	99,036
Bandwidth, Inc., Class A (A)	5,062	363,249
Cogent Communications Holdings, Inc. Consolidated Communications Holdings, Inc. (A)	8,974	656,717
EchoStar Corp., Class A (A)	16,167	120,929
Globalstar, Inc. (A)(B)	8,210	216,334
IDT Corp., Class B (A)	132,259	153,420
Iridium Communications, Inc. (A)	4,320	190,771
Liberty Latin America, Ltd., Class A (A)	25,468	1,051,574
Liberty Latin America, Ltd., Class C (A)	13,599	158,564
Ooma, Inc. (A)	29,113	331,888
Radius Global Infrastructure, Inc., Class A (A)	5,130	104,857
	12,875	207,288

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Diversified telecommunication services (continued)		
Telesat Corp. (A)	3,096	\$ 88,762
		3,899,044
Entertainment – 0.8%		
AMC Entertainment Holdings, Inc., Class A (A)		
	110,768	3,012,892
Cinemark Holdings, Inc. (A)	23,768	383,140
CuriosityStream, Inc. (A)(B)	6,306	37,395
IMAX Corp. (A)	11,130	198,559
Liberty Media Corp.-Liberty Braves, Class A (A)	4,756	136,735
Liberty Media Corp.-Liberty Braves, Class C (A)	5,536	155,562
Lions Gate Entertainment Corp., Class A (A)	11,706	194,788
Lions Gate Entertainment Corp., Class B (A)	26,569	408,897
Madison Square Garden Entertainment Corp. (A)	5,729	402,978
The Marcus Corp. (A)(B)	5,719	102,141
		5,033,087
Interactive media and services – 0.6%		
CarGurus, Inc. (A)	20,644	694,464
Cars.com, Inc. (A)	15,027	241,784
Eventbrite, Inc., Class A (A)	16,840	293,690
EverQuote, Inc., Class A (A)	4,383	68,638
FuboTV, Inc. (A)(B)	28,905	448,606
j2 Global, Inc. (A)	9,331	1,034,435
Liberty TripAdvisor Holdings, Inc., Class A (A)	17,825	38,680
MediaAlpha, Inc., Class A (A)	4,652	71,827
QuinStreet, Inc. (A)	11,322	205,947
TrueCar, Inc. (A)	23,229	78,979
Yelp, Inc. (A)	15,612	565,779
		3,742,829
Media – 0.8%		
Advantage Solutions, Inc. (A)	17,149	137,535
AMC Networks, Inc., Class A (A)	6,316	217,523
Audacy, Inc. (A)	27,481	70,262
Boston Omaha Corp., Class A (A)	4,112	118,138
Cardlytics, Inc. (A)	6,984	461,573
Clear Channel Outdoor Holdings, Inc. (A)	81,140	268,573
Daily Journal Corp. (A)	299	106,662
Entravision Communications Corp., Class A	14,193	96,229
Gannett Company, Inc. (A)	31,474	167,756
Gray Television, Inc.	18,393	370,803
Hemisphere Media Group, Inc. (A)	3,817	27,750
iHeartMedia, Inc., Class A (A)	24,203	509,231
Integral Ad Science Holding Corp. (A)	4,031	89,529
John Wiley & Sons, Inc., Class A	9,218	527,915
Scholastic Corp.	5,601	223,816
Sinclair Broadcast Group, Inc., Class A	10,279	271,674
Stagwell, Inc. (A)	14,230	123,374
TechTarget, Inc. (A)	5,502	526,321
TEGNA, Inc.	46,857	869,666
The EW Scripps Company, Class A (A)	12,713	245,997
WideOpenWest, Inc. (A)	11,418	245,715
		5,676,406
Wireless telecommunication services – 0.1%		
Gogo, Inc. (A)	13,208	178,704
Shenandoah Telecommunications Company	10,587	269,969
Telephone & Data Systems, Inc.	21,479	432,802

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Wireless telecommunication services (continued)		
United States Cellular Corp. (A)	3,345	\$ 105,434
		986,909
		19,338,275
Consumer discretionary – 10.9%		
Auto components – 1.3%		
Adient PLC (A)	20,323	973,065
American Axle & Manufacturing Holdings, Inc. (A)		
	24,624	229,742
Cooper-Standard Holdings, Inc. (A)	3,998	89,595
Dana, Inc.	31,223	712,509
Dorman Products, Inc. (A)	5,584	631,048
Fox Factory Holding Corp. (A)	9,037	1,537,194
Gentherm, Inc. (A)	7,121	618,815
LCI Industries	5,271	821,591
Modine Manufacturing Company (A)	11,609	117,135
Motorcar Parts of America, Inc. (A)	5,014	85,589
Patrick Industries, Inc.	4,846	391,024
Standard Motor Products, Inc.	4,166	218,257
Stoneridge, Inc. (A)	5,928	117,019
Tenneco, Inc., Class A (A)	14,687	165,963
The Goodyear Tire & Rubber Company (A)		
	59,240	1,262,997
Visteon Corp. (A)	5,989	665,617
XPEL, Inc. (A)	3,829	261,444
		8,898,604
Automobiles – 0.2%		
Arcimoto, Inc. (A)	6,538	50,866
Canoo, Inc. (A)(B)	23,698	182,949
Fisker, Inc. (A)	35,229	554,152
Lordstown Motors Corp., Class A (A)(B)	32,829	113,260
Winnebago Industries, Inc.	6,877	515,225
Workhorse Group, Inc. (A)	27,734	120,920
		1,537,372
Distributors – 0.0%		
Funko, Inc., Class A (A)	6,118	115,018
Diversified consumer services – 0.6%		
2U, Inc. (A)	15,694	314,979
Adtalem Global Education, Inc. (A)	10,694	316,115
American Public Education, Inc. (A)	4,498	100,081
Carriage Services, Inc.	3,425	220,707
Coursera, Inc. (A)	14,561	355,871
European Wax Center, Inc., Class A (A)	2,724	82,673
Graham Holdings Company, Class B	781	491,897
Houghton Mifflin Harcourt Company (A)	27,542	443,426
Laureate Education, Inc., Class A	22,196	271,679
OneSpaWorld Holdings, Ltd. (A)	12,883	129,088
Perdoceo Education Corp. (A)	16,135	189,748
PowerSchool Holdings, Inc., Class A (A)	10,828	178,337
Strategic Education, Inc.	5,327	308,114
Stride, Inc. (A)	8,909	296,937
Vivint Smart Home, Inc. (A)	20,787	203,297
WW International, Inc. (A)	11,815	190,576
		4,093,525
Hotels, restaurants and leisure – 2.3%		
Accel Entertainment, Inc. (A)	13,125	170,888
Bally's Corp. (A)	7,141	271,786
BJ's Restaurants, Inc. (A)	5,247	181,284
Bloomin' Brands, Inc. (A)	19,336	405,669
Bluegreen Vacations Holding Corp. (A)	3,368	118,217
Brinker International, Inc. (A)	9,856	360,631
Century Casinos, Inc. (A)	6,753	82,252
Chuy's Holdings, Inc. (A)	4,706	141,745
Cracker Barrel Old Country Store, Inc.	5,201	669,057

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hotels, restaurants and leisure (continued)		
Dave & Buster's Entertainment, Inc. (A)	9,520	\$ 365,568
Denny's Corp. (A)	14,192	227,072
Dine Brands Global, Inc.	3,546	268,822
El Pollo Loco Holdings, Inc. (A)	5,199	73,774
Esports Technologies, Inc. (A)	1,955	40,195
Everi Holdings, Inc. (A)	18,646	398,092
F45 Training Holdings, Inc. (A)	5,361	58,381
Full House Resorts, Inc. (A)	8,075	97,788
GAN, Ltd. (A)	9,407	86,450
Golden Entertainment, Inc. (A)	3,892	196,663
Golden Nugget Online Gaming, Inc. (A)	9,155	91,092
Hilton Grand Vacations, Inc. (A)	18,522	965,181
International Game Technology PLC	21,535	622,577
Jack in the Box, Inc.	4,809	420,691
Krispy Kreme, Inc.	4,968	93,995
Kura Sushi USA, Inc., Class A (A)	753	60,873
Life Time Group Holdings, Inc. (A)	7,348	126,459
Lindblad Expeditions Holdings, Inc. (A)	7,333	114,395
Monarch Casino & Resort, Inc. (A)	2,807	207,578
NeoGames SA (A)	1,941	53,921
Noodles & Company (A)	10,109	91,689
ONE Group Hospitality, Inc. (A)	5,325	67,148
Papa John's International, Inc.	7,156	955,111
Portillo's, Inc., Class A (A)	4,443	166,790
RCI Hospitality Holdings, Inc.	1,994	155,293
Red Robin Gourmet Burgers, Inc. (A)	3,708	61,293
Red Rock Resorts, Inc., Class A	12,857	707,264
Rush Street Interactive, Inc. (A)	11,691	192,902
Ruth's Hospitality Group, Inc. (A)	7,936	157,926
Scientific Games Corp. (A)	20,727	1,385,185
SeaWorld Entertainment, Inc. (A)	11,093	719,492
Shake Shack, Inc., Class A (A)	8,103	584,712
Texas Roadhouse, Inc.	15,152	1,352,771
The Cheesecake Factory, Inc. (A)	10,113	395,924
Wingstop, Inc.	6,456	1,115,597
		15,080,193
Household durables – 1.9%		
Aterian, Inc. (A)	6,545	26,900
Beazer Homes USA, Inc. (A)	6,478	150,419
Casper Sleep, Inc. (A)(B)	6,421	42,892
Cavco Industries, Inc. (A)	1,992	632,759
Century Communities, Inc.	6,381	521,902
Ethan Allen Interiors, Inc.	5,161	135,683
GoPro, Inc., Class A (A)	27,742	286,020
Green Brick Partners, Inc. (A)	6,430	195,022
Hamilton Beach Brands Holding Company, Class B	1,197	17,189
Helen of Troy, Ltd. (A)	5,140	1,256,576
Hooker Furnishings Corp.	3,165	73,681
Hovnanian Enterprises, Inc., Class A (A)	1,168	148,675
Installed Building Products, Inc.	5,120	715,366
iRobot Corp. (A)	5,854	385,662
KB Home	16,830	752,806
La-Z-Boy, Inc.	9,542	346,470
LGI Homes, Inc. (A)	4,639	716,633
Lifetime Brands, Inc.	2,755	43,997
M/I Homes, Inc. (A)	6,040	375,567
MDC Holdings, Inc.	12,092	675,096
Meritage Homes Corp. (A)	7,857	959,025
Purple Innovation, Inc. (A)	12,811	170,002
Skyline Champion Corp. (A)	11,359	897,134
Snap One Holdings Corp. (A)	2,167	45,680
Sonos, Inc. (A)	25,928	772,654
Taylor Morrison Home Corp. (A)	25,460	890,082
The Lovesac Company (A)	2,807	185,992

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Household durables (continued)		
Traeger, Inc. (A)	5,241	\$ 63,731
Tri Pointe Homes, Inc. (A)	23,695	660,854
Tupperware Brands Corp. (A)	10,869	166,187
Universal Electronics, Inc. (A)	3,026	123,310
Vuzix Corp. (A)	13,223	114,643
Weber, Inc., Class A	4,624	59,788
		12,608,397
Internet and direct marketing retail – 0.6%		
1-800-Flowers.com, Inc., Class A (A)	5,957	139,215
CarParts.com, Inc. (A)	10,797	120,926
Groupon, Inc. (A)	5,250	121,590
Lands' End, Inc. (A)	3,318	65,132
Liquidity Services, Inc. (A)	5,988	132,215
Magnite, Inc. (A)	28,205	493,588
Overstock.com, Inc. (A)	9,295	548,498
PetMed Express, Inc. (B)	4,673	118,040
Porch Group, Inc. (A)	17,168	267,649
Quotient Technology, Inc. (A)	20,072	148,934
Revolve Group, Inc. (A)	7,786	436,327
Shutterstock, Inc.	5,029	557,616
Stitch Fix, Inc., Class A (A)	17,173	324,913
The RealReal, Inc. (A)	17,749	206,066
Xometry, Inc., Class A (A)	1,932	99,015
		3,779,724
Leisure products – 0.5%		
Acushnet Holdings Corp.	7,267	385,732
American Outdoor Brands, Inc. (A)	3,430	68,360
AMMO, Inc. (A)(B)	19,207	104,678
Callaway Golf Company (A)	25,050	687,372
Clarus Corp.	5,257	145,724
Escalade, Inc.	3,519	55,565
Genius Brands International, Inc. (A)(B)	65,366	68,634
Johnson Outdoors, Inc., Class A	1,209	113,271
Latham Group, Inc. (A)	6,040	151,181
Malibu Boats, Inc., Class A (A)	4,584	315,058
MasterCraft Boat Holdings, Inc. (A)	4,706	133,321
Nautilus, Inc. (A)	6,915	42,389
Smith & Wesson Brands, Inc.	10,243	182,325
Sturm Ruger & Company, Inc.	3,696	251,402
Vista Outdoor, Inc. (A)	12,329	567,997
		3,273,009
Multiline retail – 0.4%		
Big Lots, Inc.	6,984	314,629
Dillard's, Inc., Class A	1,255	307,500
Franchise Group, Inc.	6,272	327,148
Macy's, Inc.	67,413	1,764,872
		2,714,149
Specialty retail – 2.4%		
Abercrombie & Fitch Company, Class A (A)	12,643	440,356
Academy Sports & Outdoors, Inc. (A)	16,602	728,828
American Eagle Outfitters, Inc. (B)	32,823	831,078
America's Car-Mart, Inc. (A)	1,343	137,523
Arko Corp. (A)	23,099	202,578
Asbury Automotive Group, Inc. (A)	4,770	823,922
Barnes & Noble Education, Inc. (A)	9,565	65,138
Bed Bath & Beyond, Inc. (A)	22,160	323,093
Big 5 Sporting Goods Corp. (B)	4,808	91,400
Boot Barn Holdings, Inc. (A)	6,305	775,830
Caleres, Inc.	8,371	189,854
Camping World Holdings, Inc., Class A (B)	9,087	367,115
CarLotz, Inc. (A)(B)	18,522	42,045
Chico's FAS, Inc. (A)	27,166	146,153

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Specialty retail (continued)		
Citi Trends, Inc. (A)	1,956	\$ 185,331
Conn's, Inc. (A)	4,183	98,384
Designer Brands, Inc., Class A (A)	13,521	192,133
Genesco, Inc. (A)	3,302	211,889
Group 1 Automotive, Inc.	3,747	731,489
GrowGeneration Corp. (A)	12,198	159,184
Guess?, Inc.	8,963	212,244
Haverty Furniture Companies, Inc.	3,737	114,240
Hibbett, Inc.	3,260	234,492
Kirkland's, Inc. (A)(B)	3,454	51,568
Lumber Liquidators Holdings, Inc. (A)	6,685	114,113
MarineMax, Inc. (A)	4,551	268,691
Monro, Inc.	7,235	421,583
Murphy USA, Inc.	5,163	1,028,676
National Vision Holdings, Inc. (A)	17,615	845,344
OneWater Marine, Inc., Class A	2,309	140,780
Party City Holdco, Inc. (A)	24,992	139,205
Rent-A-Center, Inc.	14,183	681,351
Sally Beauty Holdings, Inc. (A)	24,313	448,818
Shift Technologies, Inc. (A)(B)	14,869	50,703
Shoe Carnival, Inc.	3,983	155,656
Signet Jewelers, Ltd.	11,328	985,876
Sleep Number Corp. (A)	4,819	369,135
Sonic Automotive, Inc., Class A	4,692	232,019
Sportsman's Warehouse Holdings, Inc. (A)	10,036	118,425
The Aaron's Company, Inc.	7,096	174,916
The Buckle, Inc.	6,476	274,000
The Cato Corp., Class A	5,090	87,344
The Children's Place, Inc. (A)	3,074	243,737
The Container Store Group, Inc. (A)	7,443	74,281
The ODP Corp. (A)	10,019	393,546
Tilly's, Inc., Class A	5,797	93,390
Torrid Holdings, Inc. (A)	3,250	32,110
TravelCenters of America, Inc. (A)	2,801	144,588
Urban Outfitters, Inc. (A)	14,911	437,787
Winmark Corp.	758	188,204
Zumiez, Inc. (A)	4,779	229,344
		15,729,489
Textiles, apparel and luxury goods – 0.7%		
Crocs, Inc. (A)	12,490	1,601,468
Fossil Group, Inc. (A)	10,919	112,357
G-III Apparel Group, Ltd. (A)	9,407	260,009
Kontoor Brands, Inc.	11,198	573,898
Movado Group, Inc.	3,514	146,991
Oxford Industries, Inc.	3,449	350,142
PLBY Group, Inc. (A)(B)	5,713	152,194
Rocky Brands, Inc.	1,701	67,700
Steven Madden, Ltd.	17,373	807,323
Superior Group of Companies, Inc.	1,856	40,721
Unifi, Inc. (A)	3,265	75,585
Wolverine World Wide, Inc.	17,703	510,023
		4,698,411
		72,527,891
Consumer staples – 3.3%		
Beverages – 0.4%		
Celsius Holdings, Inc. (A)	11,670	870,232
Coca-Cola Consolidated, Inc.	1,017	629,716
MGP Ingredients, Inc.	3,122	265,339
National Beverage Corp.	5,167	234,220
Primo Water Corp.	33,755	595,101
The Duckhorn Portfolio, Inc. (A)	6,068	141,627
		2,736,235
Food and staples retailing – 1.0%		
BJ's Wholesale Club Holdings, Inc. (A)	29,379	1,967,512

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food and staples retailing (continued)		
HF Foods Group, Inc. (A)	9,279	\$ 78,500
Ingles Markets, Inc., Class A	3,064	264,546
Performance Food Group Company (A)	32,678	1,499,593
PriceSmart, Inc.	5,029	367,972
Rite Aid Corp. (A)	12,403	182,200
SpartanNash Company	7,943	204,612
Sprouts Farmers Market, Inc. (A)	24,361	723,034
The Andersons, Inc.	7,013	271,473
The Chefs' Warehouse, Inc. (A)	7,199	239,727
United Natural Foods, Inc. (A)	12,018	589,843
Village Super Market, Inc., Class A	2,410	56,370
Weis Markets, Inc.	3,523	232,095
		6,677,477
Food products – 0.9%		
AppHarvest, Inc. (A)(B)	16,493	64,158
B&G Foods, Inc.	13,726	421,800
Calavo Growers, Inc.	3,867	163,961
Cal-Maine Foods, Inc.	7,662	283,417
Fresh Del Monte Produce, Inc.	7,447	205,537
Hostess Brands, Inc. (A)	28,358	579,070
J&J Snack Foods Corp.	3,196	504,840
John B. Sanfilippo & Son, Inc.	1,902	171,484
Lancaster Colony Corp.	4,097	678,463
Landec Corp. (A)	7,067	78,444
Mission Produce, Inc. (A)	8,466	132,916
Sanderson Farms, Inc.	4,340	829,287
Seneca Foods Corp., Class A (A)	1,542	73,939
Sovos Brands, Inc. (A)	3,378	50,839
Tattooed Chef, Inc. (A)(B)	10,537	163,745
The Simply Good Foods Company (A)	18,421	765,761
Tootsie Roll Industries, Inc.	3,388	122,747
TreeHouse Foods, Inc. (A)	11,284	457,341
Utz Brands, Inc.	12,312	196,376
Vital Farms, Inc. (A)	5,788	104,531
Whole Earth Brands, Inc. (A)	9,140	98,164
		6,146,820
Household products – 0.3%		
Central Garden & Pet Company (A)	3,509	184,679
Central Garden & Pet Company, Class A (A)	7,237	346,290
Energizer Holdings, Inc.	14,683	588,788
Oil-Dri Corp. of America	1,942	63,562
WD-40 Company	2,923	715,083
		1,898,402
Personal products – 0.6%		
BellRing Brands, Inc., Class A (A)	8,927	254,687
Edgewell Personal Care Company	11,697	534,670
elf Beauty, Inc. (A)	10,559	350,664
Inter Parfums, Inc.	3,870	413,703
Medifast, Inc.	2,492	521,900
Nu Skin Enterprises, Inc., Class A	10,782	547,187
The Beauty Health Company (A)	18,745	452,879
The Honest Company, Inc. (A)	16,689	135,014
USANA Health Sciences, Inc. (A)	2,532	256,238
Veru, Inc. (A)	14,697	86,565
		3,553,507
Tobacco – 0.1%		
22nd Century Group, Inc. (A)(B)	37,659	116,366
Turning Point Brands, Inc.	3,221	121,689
Universal Corp.	5,101	280,147
Vector Group, Ltd.	30,917	354,927
		873,129
		21,885,570

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Energy – 4.2%		
Energy equipment and services – 0.8%		
Archrock, Inc.	30,693	\$ 229,584
Aspen Aerogels, Inc. (A)	4,821	240,038
Bristow Group, Inc. (A)	4,880	154,550
Cactus, Inc., Class A	12,139	462,860
ChampionX Corp. (A)	44,001	889,260
DMC Global, Inc. (A)	4,252	168,422
Dril-Quip, Inc. (A)	8,447	166,237
Expro Group Holdings NV (A)	8,215	117,885
FTS International, Inc., Class A (A)	1,511	39,664
Helix Energy Solutions Group, Inc. (A)	32,463	101,285
Helmerich & Payne, Inc.	23,048	546,238
Liberty Oilfield Services, Inc., Class A (A)	20,341	197,308
Nabors Industries, Ltd. (A)	1,603	129,987
National Energy Services Reunited Corp. (A)	8,875	83,869
Newpark Resources, Inc. (A)	15,084	44,347
NexTier Oilfield Solutions, Inc. (A)	39,608	140,608
Oceaneering International, Inc. (A)	22,439	253,785
Oil States International, Inc. (A)	14,787	73,491
Patterson-UTI Energy, Inc.	41,948	354,461
ProPetro Holding Corp. (A)	19,638	159,068
RPC, Inc. (A)	17,938	81,439
Select Energy Services, Inc., Class A (A)	16,217	101,032
TETRA Technologies, Inc. (A)	28,514	80,980
Tidewater, Inc. (A)	10,477	112,209
U.S. Silica Holdings, Inc. (A)	16,613	156,162
		5,084,769
Oil, gas and consumable fuels – 3.4%		
Aemetis, Inc. (A)	6,201	76,272
Alto Ingredients, Inc. (A)	16,898	81,279
Altus Midstream Company, Class A	637	39,054
Antero Resources Corp. (A)	61,661	1,079,068
Arch Resources, Inc.	3,240	295,877
Berry Corp.	16,212	136,505
Brigham Minerals, Inc., Class A	10,176	214,612
California Resources Corp.	17,420	744,008
Callon Petroleum Company (A)	10,030	473,918
Centennial Resource Development, Inc., Class A (A)	40,613	242,866
Centrus Energy Corp., Class A (A)	2,191	109,353
Chesapeake Energy Corp.	22,571	1,456,281
Civitas Resources, Inc.	9,384	459,534
Clean Energy Fuels Corp. (A)	33,776	207,047
CNX Resources Corp. (A)	45,475	625,281
Comstock Resources, Inc. (A)	20,384	164,907
CONSOL Energy, Inc. (A)	7,468	169,598
Crescent Energy, Inc., Class A (A)(B)	6,781	85,983
CVR Energy, Inc.	6,599	110,929
Delek US Holdings, Inc. (A)	14,454	216,665
Denbury, Inc. (A)	10,945	838,278
DHT Holdings, Inc.	30,847	160,096
Dorian LPG, Ltd.	6,940	88,069
Energy Fuels, Inc. (A)	32,193	245,633
Equitrans Midstream Corp.	88,087	910,820
Frontline, Ltd. (A)(B)	25,905	183,148
Gevo, Inc. (A)	43,949	188,102
Golar LNG, Ltd. (A)	22,511	278,911
Green Plains, Inc. (A)	10,321	358,758
International Seaways, Inc.	10,534	154,639
Kosmos Energy, Ltd. (A)	91,650	317,109
Laredo Petroleum, Inc. (A)	2,752	165,478
Magnolia Oil & Gas Corp., Class A	30,343	572,572
Matador Resources Company	23,985	885,526
Murphy Oil Corp.	31,701	827,713

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Nordic American Tankers, Ltd.	43,370	\$ 73,295
Northern Oil and Gas, Inc.	11,597	238,666
Oasis Petroleum, Inc.	4,187	527,520
Ovintiv, Inc.	56,496	1,903,915
Par Pacific Holdings, Inc. (A)	10,428	171,958
PBF Energy, Inc., Class A (A)	21,052	273,044
PDC Energy, Inc.	21,119	1,030,185
Peabody Energy Corp. (A)	18,336	184,644
Range Resources Corp. (A)	51,612	920,242
Ranger Oil Corp., Class A (A)	4,056	109,188
Renewable Energy Group, Inc. (A)	9,648	409,461
REX American Resources Corp. (A)	1,277	122,592
Scorpio Tankers, Inc.	11,001	140,923
SFL Corp., Ltd.	24,886	202,821
SM Energy Company	25,861	762,382
Southwestern Energy Company (A)	213,260	993,792
Talos Energy, Inc. (A)	8,521	83,506
Teekay Tankers, Ltd., Class A (A)	6,054	65,989
Tellurian, Inc. (A)	80,864	249,061
Uranium Energy Corp. (A)(B)	54,839	183,711
Ur-Energy, Inc. (A)	45,696	55,749
W&T Offshore, Inc. (A)	22,279	71,961
Whiting Petroleum Corp. (A)	8,471	547,904
World Fuel Services Corp.	13,236	350,357
		22,836,755
		27,921,524
Financials – 15.3%		
Banks – 8.2%		
1st Source Corp.	3,224	159,910
Allegiance Bancshares, Inc.	4,435	187,201
Amalgamated Financial Corp.	4,063	68,137
Amerant Bancorp, Inc.	4,877	168,500
American National Bankshares, Inc.	3,114	117,336
Ameris Bancorp	14,336	712,212
Arrow Financial Corp.	3,233	113,899
Associated Banc-Corp.	31,550	712,715
Atlantic Capital Bancshares, Inc. (A)	4,886	140,570
Atlantic Union Bankshares Corp.	16,261	606,373
Banc of California, Inc.	10,260	201,301
BancFirst Corp.	3,620	255,427
Bank First Corp.	1,558	112,550
Bank of Marin Bancorp	3,661	136,299
BankUnited, Inc.	18,592	786,628
Banner Corp.	7,134	432,820
Bar Harbor Bankshares	4,123	119,278
Berkshire Hills Bancorp, Inc.	10,456	297,264
Blue Ridge Bankshares, Inc.	4,799	85,902
Brookline Bancorp, Inc.	16,499	267,119
Bryn Mawr Bank Corp.	4,411	198,539
Business First Bancshares, Inc.	4,840	137,020
Byline Bancorp, Inc.	5,233	143,123
Cadence Bank	40,038	1,192,732
Cambridge Bancorp	1,581	147,966
Camden National Corp.	3,145	151,463
Capital Bancorp, Inc.	1,400	36,680
Capital City Bank Group, Inc.	3,946	104,174
Capstar Financial Holdings, Inc.	5,458	114,782
Carter Bankshares, Inc. (A)	6,652	102,374
Cathay General Bancorp	15,316	658,435
CBTX, Inc.	4,238	122,902
Central Pacific Financial Corp.	6,333	178,401
CIT Group, Inc.	21,219	1,089,383
Citizens & Northern Corp.	4,341	113,387
City Holding Company	2,753	225,168
Civista Bancshares, Inc.	4,320	105,408

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
CNB Financial Corp.	4,720	\$ 125,080
Coastal Financial Corp. (A)	2,381	120,526
Columbia Banking System, Inc.	15,144	495,512
Community Bank System, Inc.	11,176	832,388
Community Trust Bancorp, Inc.	3,144	137,110
ConnectOne Bancorp, Inc.	8,140	266,259
CrossFirst Bankshares, Inc. (A)	11,174	174,426
Customers Bancorp, Inc. (A)	6,388	417,584
CVB Financial Corp.	26,828	574,387
Dime Community Bancshares, Inc.	7,245	254,734
Eagle Bancorp, Inc.	6,297	367,367
Eastern Bankshares, Inc.	36,691	740,057
Enterprise Financial Services Corp.	7,413	349,078
Equity Bancshares, Inc., Class A	3,485	118,246
Farmers National Banc Corp.	7,456	138,309
FB Financial Corp.	7,282	319,097
Financial Institutions, Inc.	4,153	132,065
First Bancorp (North Carolina)	5,756	263,164
First Bancorp (Puerto Rico)	43,353	597,404
First Bank	5,943	86,233
First Busey Corp.	10,375	281,370
First Commonwealth Financial Corp.	20,045	322,524
First Community Bankshares, Inc.	4,426	147,917
First Financial Bancorp	19,946	486,283
First Financial Bankshares, Inc.	27,555	1,400,896
First Financial Corp.	2,723	123,325
First Foundation, Inc.	8,942	222,298
First Internet Bancorp	2,428	114,213
First Interstate BancSystem, Inc., Class A	8,417	342,319
First Merchants Corp.	11,480	480,897
First Mid Bancshares, Inc.	3,971	169,919
First Midwest Bancorp, Inc.	24,095	493,466
Flushing Financial Corp.	6,175	150,053
Fulton Financial Corp.	32,719	556,223
German American Bancorp, Inc.	5,463	212,948
Glacier Bancorp, Inc.	23,272	1,319,522
Great Southern Bancorp, Inc.	2,026	120,041
Great Western Bancorp, Inc.	11,789	400,354
Guaranty Bancshares, Inc.	2,495	93,762
Hancock Whitney Corp.	18,410	920,868
Hanmi Financial Corp.	7,468	176,842
HarborOne Bancorp, Inc.	11,487	170,467
Heartland Financial USA, Inc.	7,770	393,240
Heritage Commerce Corp.	14,319	170,969
Heritage Financial Corp.	7,765	189,777
Hilltop Holdings, Inc.	12,898	453,236
Home BancShares, Inc.	32,579	793,299
HomeStreet, Inc.	4,275	222,300
HomeTrust Bancshares, Inc.	4,188	129,744
Hope Bancorp, Inc.	24,048	353,746
Horizon Bancorp, Inc.	9,979	208,062
Howard Bancorp, Inc. (A)	4,012	87,421
Independent Bank Corp. (Massachusetts)	9,721	792,553
Independent Bank Corp. (Michigan)	5,696	135,964
Independent Bank Group, Inc.	8,010	577,922
International Bancshares Corp.	11,025	467,350
Investors Bancorp, Inc.	47,776	723,806
Lakeland Bancorp, Inc.	10,999	208,871
Lakeland Financial Corp.	5,162	413,683
Live Oak Bancshares, Inc.	6,817	595,056
Macatawa Bank Corp.	11,882	104,799
Mercantile Bank Corp.	3,746	131,222
Meta Financial Group, Inc.	6,846	408,432
Metrocity Bankshares, Inc.	4,451	122,536
Metropolitan Bank Holding Corp. (A)	1,694	180,462

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Mid Penn Bancorp, Inc.	3,320	\$ 105,377
Midland States Bancorp, Inc.	5,377	133,296
MidWestOne Financial Group, Inc.	4,114	133,170
MVB Financial Corp.	2,480	102,970
National Bank Holdings Corp., Class A	6,084	267,331
NBT Bancorp, Inc.	8,592	330,964
Nicolet Bankshares, Inc. (A)	2,391	205,028
Northrim BanCorp, Inc.	2,230	96,916
OceanFirst Financial Corp.	12,586	279,409
OFG Bancorp	10,797	286,768
Old National Bancorp	33,636	609,484
Old Second Bancorp, Inc.	8,263	104,031
Origin Bancorp, Inc.	4,942	212,111
Orrstown Financial Services, Inc.	4,340	109,368
Pacific Premier Bancorp, Inc.	20,248	810,527
Park National Corp.	2,938	403,417
Peapack-Gladstone Financial Corp.	4,314	152,716
Peoples Bancorp, Inc.	6,029	191,782
Peoples Financial Services Corp.	2,365	124,612
Preferred Bank	2,969	213,145
Primis Financial Corp.	7,166	107,777
QCR Holdings, Inc.	3,268	183,008
RBB Bancorp	3,609	94,556
Reliant Bancorp, Inc.	3,922	139,231
Renasant Corp.	11,710	444,395
Republic Bancorp, Inc., Class A	1,745	88,716
S&T Bancorp, Inc.	8,217	259,000
Sandy Spring Bancorp, Inc.	9,458	454,741
Seacoast Banking Corp. of Florida	11,357	401,924
ServisFirst Bancshares, Inc.	10,515	893,144
Sierra Bancorp	4,501	122,202
Silvergate Capital Corp., Class A (A)	5,715	846,963
Simmons First National Corp., Class A	22,770	673,537
SmartFinancial, Inc.	3,910	106,978
South Plains Financial, Inc.	2,745	76,338
Southern First Bancshares, Inc. (A)	2,132	133,229
Southside Bancshares, Inc.	6,368	266,310
SouthState Corp.	14,906	1,194,120
Spirit of Texas Bancshares, Inc.	3,670	105,623
Stock Yards Bancorp, Inc.	5,156	329,365
Texas Capital Bancshares, Inc. (A)	10,850	653,713
The Bancorp, Inc. (A)	11,558	292,533
The Bank of NT Butterfield & Son, Ltd.	10,856	413,722
The First Bancorp, Inc.	3,046	95,644
The First Bancshares, Inc.	4,398	169,851
The First of Long Island Corp.	5,476	118,227
Tompkins Financial Corp.	2,839	237,284
Towne Bank	13,542	427,792
TriCo Bancshares	5,719	245,688
TriState Capital Holdings, Inc. (A)	6,606	199,898
Triumph Bancorp, Inc. (A)	5,003	595,757
Trustmark Corp.	12,866	417,630
UMB Financial Corp.	9,118	967,511
United Bankshares, Inc.	26,929	976,984
United Community Banks, Inc.	18,587	668,017
Univest Financial Corp.	6,756	202,140
Valley National Bancorp	86,143	1,184,466
Veritex Holdings, Inc.	10,072	400,664
Washington Trust Bancorp, Inc.	3,627	204,454
WesBanco, Inc.	13,134	459,559
West BanCorp, Inc.	4,145	128,785

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Westamerica BanCorp	5,498	\$ 317,400
		54,754,659
Capital markets – 1.6%		
Artisan Partners Asset Management, Inc., Class A	12,757	607,743
AssetMark Financial Holdings, Inc. (A)	4,239	111,104
B. Riley Financial, Inc.	4,420	392,761
BGC Partners, Inc., Class A	70,318	326,979
Blucora, Inc. (A)	11,249	194,833
BrightSphere Investment Group, Inc.	12,322	315,443
Cohen & Steers, Inc.	5,346	494,558
Cowen, Inc., Class A	5,720	206,492
Diamond Hill Investment Group, Inc.	739	143,536
Donnelley Financial Solutions, Inc. (A)	6,455	304,289
Ellington Financial, Inc.	10,330	176,540
Federated Hermes, Inc.	19,938	749,270
Focus Financial Partners, Inc., Class A (A)	12,867	768,417
GCM Grosvenor, Inc., Class A	10,742	112,791
Hamilton Lane, Inc., Class A	7,488	775,907
Houlihan Lokey, Inc.	10,898	1,128,161
Moelis & Company, Class A	13,121	820,194
Open Lending Corp., Class A (A)	22,761	511,667
Oppenheimer Holdings, Inc., Class A	2,075	96,218
Piper Sandler Companies	3,726	665,128
PJT Partners, Inc., Class A	5,151	381,638
Sculptor Capital Management, Inc.	5,284	112,813
StepStone Group, Inc., Class A	8,906	370,222
StoneX Group, Inc. (A)	3,512	215,110
Virtus Investment Partners, Inc.	1,551	460,802
WisdomTree Investments, Inc.	31,318	191,666
		10,634,282
Consumer finance – 0.8%		
Atlanticus Holdings Corp. (A)	1,112	79,308
Curo Group Holdings Corp.	5,048	80,818
Encore Capital Group, Inc. (A)	6,284	390,299
Enova International, Inc. (A)	7,854	321,700
EZCORP, Inc., Class A (A)	11,932	87,939
FirstCash Holdings, Inc.	8,623	645,087
Green Dot Corp., Class A (A)	11,720	424,733
LendingClub Corp. (A)	21,349	516,219
LendingTree, Inc. (A)	2,593	317,902
Navient Corp.	33,857	718,446
Nelnet, Inc., Class A	3,455	337,484
Oportun Financial Corp. (A)	5,047	102,202
PRA Group, Inc. (A)	9,414	472,677
PROG Holdings, Inc. (A)	14,131	637,449
Regional Management Corp.	1,799	103,371
World Acceptance Corp. (A)	963	236,349
		5,471,983
Diversified financial services – 0.2%		
Alerus Financial Corp.	3,801	111,293
A-Mark Precious Metals, Inc.	1,943	118,717
Banco Latinoamericano de Comercio Exterior SA, Class E	7,338	121,811
Cannae Holdings, Inc. (A)	18,237	641,031
Marlin Business Services Corp.	2,493	58,037
		1,050,889
Insurance – 1.9%		
Ambac Financial Group, Inc. (A)	10,590	169,970
American Equity Investment Life Holding Company	17,290	672,927
American National Group, Inc.	1,508	284,771
AMERISAFE, Inc.	4,321	232,599
Argo Group International Holdings, Ltd.	7,053	409,850

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Insurance (continued)		
Bright Health Group, Inc. (A)	12,261	\$ 42,178
BRP Group, Inc., Class A (A)	10,378	374,750
Citizens, Inc. (A)	14,894	79,087
CNO Financial Group, Inc.	26,483	631,355
Donegal Group, Inc., Class A	5,882	84,054
eHealth, Inc. (A)	5,492	140,046
Employers Holdings, Inc.	6,153	254,611
Enstar Group, Ltd. (A)	2,585	640,020
Genworth Financial, Inc., Class A (A)	108,141	437,971
Goosehead Insurance, Inc., Class A	3,878	504,450
HCI Group, Inc.	1,333	111,359
Horace Mann Educators Corp.	8,990	347,913
James River Group Holdings, Ltd.	8,131	234,254
Kinsale Capital Group, Inc.	4,665	1,109,757
MBIA, Inc. (A)	11,186	176,627
MetroMile, Inc. (A)	19,152	41,943
National Western Life Group, Inc., Class A	570	122,231
Palomar Holdings, Inc. (A)	5,452	353,126
ProAssurance Corp.	11,769	297,756
RLI Corp.	8,648	969,441
Safety Insurance Group, Inc.	3,202	272,266
Selective Insurance Group, Inc.	12,773	1,046,620
Selectquote, Inc. (A)	29,430	266,636
SiriusPoint, Ltd. (A)	20,397	165,828
State Auto Financial Corp.	3,887	200,919
Stewart Information Services Corp.	5,802	462,593
Tiptree, Inc.	5,864	81,099
Trupanion, Inc. (A)	8,235	1,087,267
United Fire Group, Inc.	5,376	124,669
Universal Insurance Holdings, Inc.	7,376	125,392
		12,556,335
Mortgage real estate investment trusts – 1.2%		
AFC Gamma, Inc.	2,919	66,436
Apollo Commercial Real Estate Finance, Inc.	29,843	392,734
Arbor Realty Trust, Inc.	29,179	534,559
Ares Commercial Real Estate Corp.	10,100	146,854
ARMOUR Residential REIT, Inc.	17,649	173,137
Blackstone Mortgage Trust, Inc., Class A	31,030	950,139
BrightSpire Capital, Inc.	19,690	202,019
Broadmark Realty Capital, Inc.	26,745	252,205
Chimera Investment Corp.	50,384	759,791
Dynex Capital, Inc.	7,278	121,615
Franklin BSP Realty Trust, Inc.	7,454	111,363
Granite Point Mortgage Trust, Inc.	12,763	149,455
Great Ajax Corp.	4,994	65,721
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	16,714	887,848
Invesco Mortgage Capital, Inc.	66,975	186,191
KKR Real Estate Finance Trust, Inc.	5,951	123,959
Ladder Capital Corp.	25,700	308,143
MFA Financial, Inc.	94,047	428,854
New York Mortgage Trust, Inc.	81,801	304,300
Orchid Island Capital, Inc.	28,840	129,780
PennyMac Mortgage Investment Trust	21,006	364,034
Ready Capital Corp.	12,250	191,468
Redwood Trust, Inc.	24,224	319,515
TPG RE Finance Trust, Inc.	13,635	167,983
Two Harbors Investment Corp.	68,476	395,107
		7,733,210
Thriffs and mortgage finance – 1.4%		
Axos Financial, Inc. (A)	12,040	673,156
Blue Foundry Bancorp (A)	8,391	122,760
Bridgewater Bancshares, Inc. (A)	6,105	107,997
Capitol Federal Financial, Inc.	25,466	288,530

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Thriffs and mortgage finance (continued)		
Columbia Financial, Inc. (A)	7,501	\$ 156,471
Essent Group, Ltd.	23,378	1,064,400
Federal Agricultural Mortgage Corp., Class C	1,982	245,629
Flagstar Bancorp, Inc.	10,589	507,637
FS Bancorp, Inc.	2,225	74,827
Home Bancorp, Inc.	2,554	106,017
Kearny Financial Corp.	15,307	202,818
Merchants Bancorp	2,176	102,990
Mr. Cooper Group, Inc. (A)	13,275	552,373
NMI Holdings, Inc., Class A (A)	18,525	404,771
Northfield Bancorp, Inc.	9,922	160,340
Northwest Bancshares, Inc.	25,727	364,294
Ocwen Financial Corp. (A)	1,494	59,715
PCSB Financial Corp.	4,896	93,220
PennyMac Financial Services, Inc.	6,556	457,478
Premier Financial Corp.	8,189	253,122
Provident Bancorp, Inc.	5,883	109,424
Provident Financial Services, Inc.	15,675	379,649
Radian Group, Inc.	38,695	817,625
Southern Missouri Bancorp, Inc.	1,946	101,523
The Hingham Institution for Savings	307	128,903
TrustCo Bank Corp. NY	4,629	154,192
Walker & Dunlop, Inc.	6,285	948,281
Washington Federal, Inc.	13,392	447,025
Waterstone Financial, Inc.	4,900	107,114
WSFS Financial Corp.	9,997	501,050
		9,693,331
		101,894,689
Health care – 17.3%		
Biotechnology – 8.1%		
2seventy bio, Inc. (A)	5,086	130,354
4D Molecular Therapeutics, Inc. (A)	5,778	126,769
89bio, Inc. (A)	3,014	39,393
ACADIA Pharmaceuticals, Inc. (A)	26,125	609,758
Achillion Pharmaceuticals, Inc. (A)(C)	38,157	57,381
Adagio Therapeutics, Inc. (A)	4,882	35,443
Adicet Bio, Inc. (A)	4,397	76,904
Aduro Biotech, Inc. (A)(C)	4,010	12,030
Aeglea BioTherapeutics, Inc. (A)	10,692	50,787
Affimed NV (A)	26,114	144,149
Agenus, Inc. (A)	45,805	147,492
Agios Pharmaceuticals, Inc. (A)	11,960	393,125
Akebia Therapeutics, Inc. (A)	42,476	95,996
Akero Therapeutics, Inc. (A)	6,063	128,232
Akouos, Inc. (A)(B)	6,054	51,459
Albireo Pharma, Inc. (A)	4,099	95,466
Alder Biopharmaceuticals, Inc. (A)(B)(C)	20,275	29,478
Aldeyra Therapeutics, Inc. (A)	11,406	45,624
Alector, Inc. (A)	12,803	264,382
Aligos Therapeutics, Inc. (A)	5,501	65,297
Alkermes PLC (A)	34,610	805,029
Allakos, Inc. (A)	7,676	75,148
Allogene Therapeutics, Inc. (A)	15,185	226,560
Allovir, Inc. (A)	6,716	86,905
Altimmune, Inc. (A)	9,298	85,170
ALX Oncology Holdings, Inc. (A)	4,101	88,130
Amicus Therapeutics, Inc. (A)	57,300	661,815
AnaptysBio, Inc. (A)	4,349	151,128
Anavex Life Sciences Corp. (A)	14,167	245,656
Anika Therapeutics, Inc. (A)	3,322	119,027
Annexon, Inc. (A)	7,299	83,866
Apellis Pharmaceuticals, Inc. (A)	15,182	717,805
Applied Molecular Transport, Inc. (A)	5,583	78,050
Applied Therapeutics, Inc. (A)	4,351	38,941

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Arbutus Biopharma Corp. (A)	19,705	\$ 76,652
Arcturus Therapeutics Holdings, Inc. (A)	4,629	171,319
Arcus Biosciences, Inc. (A)	9,719	393,328
Arcutis Biotherapeutics, Inc. (A)	6,452	133,814
Arena Pharmaceuticals, Inc. (A)	13,355	1,241,214
Arrowhead Pharmaceuticals, Inc. (A)	21,813	1,446,202
Atara Biotherapeutics, Inc. (A)	18,919	298,163
Athenex, Inc. (A)(B)	20,866	28,378
Athersys, Inc. (A)(B)	54,505	49,196
Atossa Therapeutics, Inc. (A)	26,778	42,845
Avid Bioservices, Inc. (A)	13,122	382,900
Avidity Biosciences, Inc. (A)	8,542	203,043
Avita Medical, Inc. (A)	5,827	69,807
Avrobio, Inc. (A)	11,696	45,030
Beam Therapeutics, Inc. (A)	10,892	867,983
BioAtla, Inc. (A)	3,778	74,162
BioCryst Pharmaceuticals, Inc. (A)	38,926	539,125
Biohaven Pharmaceutical Holding Company, Ltd. (A)	11,992	1,652,618
Bioexcel Therapeutics, Inc. (A)	4,126	83,882
Bluebird Bio, Inc. (A)	15,303	152,877
Blueprint Medicines Corp. (A)	12,602	1,349,800
Bridgebio Pharma, Inc. (A)	23,003	383,690
Brooklyn ImmunoTherapeutics, Inc. (A)	7,236	30,174
C4 Therapeutics, Inc. (A)	8,414	270,931
Cardiff Oncology, Inc. (A)	9,099	54,685
CareDx, Inc. (A)	10,994	500,007
Caribou Biosciences, Inc. (A)	4,389	66,230
Catalyst Pharmaceuticals, Inc. (A)	21,971	148,744
Celldex Therapeutics, Inc. (A)	9,954	384,623
CEL-SCI Corp. (A)	8,073	57,318
Century Therapeutics, Inc. (A)	3,003	47,628
Cerevel Therapeutics Holdings, Inc. (A)	8,799	285,264
ChemoCentryx, Inc. (A)	11,722	426,798
Chimerix, Inc. (A)	17,115	110,049
Chinook Therapeutics, Inc. (A)	8,840	144,180
Clovis Oncology, Inc. (A)	26,799	72,625
Codiak Biosciences, Inc. (A)	3,837	42,744
Cogent Biosciences, Inc. (A)	8,545	73,316
Coherus Biosciences, Inc. (A)	14,340	228,866
Cortexyme, Inc. (A)(B)	4,371	55,162
Crinetics Pharmaceuticals, Inc. (A)	9,295	264,071
Cue Biopharma, Inc. (A)	7,420	83,920
Cullinan Oncology, Inc. (A)	6,059	93,490
Curis, Inc. (A)	19,758	94,048
Cytokinetics, Inc. (A)	17,136	781,059
CytomX Therapeutics, Inc. (A)	15,783	68,340
Day One Biopharmaceuticals, Inc. (A)(B)	2,827	47,635
Deciphera Pharmaceuticals, Inc. (A)	8,975	87,686
Denali Therapeutics, Inc. (A)	19,678	877,639
DermTech, Inc. (A)(B)	5,357	84,641
Design Therapeutics, Inc. (A)(B)	5,260	112,617
Dynavax Technologies Corp. (A)	23,493	330,547
Dyne Therapeutics, Inc. (A)	7,057	83,908
Eagle Pharmaceuticals, Inc. (A)	2,552	129,948
Editas Medicine, Inc. (A)	14,831	393,763
Emergent BioSolutions, Inc. (A)	10,671	463,868
Enanta Pharmaceuticals, Inc. (A)	4,186	313,029
Epizyme, Inc. (A)	21,030	52,575
Erasca, Inc. (A)	5,027	78,321
Evelo Biosciences, Inc. (A)(B)	6,447	39,133
Fate Therapeutics, Inc. (A)	17,517	1,024,920
FibroGen, Inc. (A)	19,009	268,027
Foghorn Therapeutics, Inc. (A)(B)	4,138	94,636
Forma Therapeutics Holdings, Inc. (A)	8,178	116,291

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
G1 Therapeutics, Inc. (A)(B)	9,016	\$ 92,053
Generation Bio Company (A)	9,998	70,786
Geron Corp. (A)(B)	76,613	93,468
Global Blood Therapeutics, Inc. (A)	13,529	395,994
Gossamer Bio, Inc. (A)	14,360	162,412
Graphite Bio, Inc. (A)	4,094	50,888
Griststone bio, Inc. (A)	9,462	121,681
Halozyne Therapeutics, Inc. (A)	29,866	1,200,912
Heron Therapeutics, Inc. (A)	21,235	193,876
Homology Medicines, Inc. (A)	11,201	40,772
Humanigen, Inc. (A)	10,246	38,115
iBio, Inc. (A)	68,193	37,438
Icosavax, Inc. (A)	3,093	70,768
Ideaya Biosciences, Inc. (A)	7,411	175,196
IGM Biosciences, Inc. (A)	1,897	55,639
Imago Biosciences, Inc. (A)	1,936	45,903
Immuneering Corp., Class A (A)	1,648	26,648
Immunic, Inc. (A)	4,094	39,180
ImmunityBio, Inc. (A)	15,138	92,039
ImmunoGen, Inc. (A)	44,436	329,715
Immunovant, Inc. (A)	9,942	84,706
Infinity Pharmaceuticals, Inc. (A)	22,317	50,213
Inhibrx, Inc. (A)	6,178	269,793
Inovio Pharmaceuticals, Inc. (A)	45,588	227,484
Inozyme Pharma, Inc. (A)	5,548	37,837
Insmad, Inc. (A)	25,530	695,437
Instil Bio, Inc. (A)(B)	10,951	187,372
Intellia Therapeutics, Inc. (A)	14,985	1,771,826
Intercept Pharmaceuticals, Inc. (A)(B)	6,152	100,216
Invitae Corp. (A)	43,512	664,428
Ironwood Pharmaceuticals, Inc. (A)	31,752	370,228
iTeos Therapeutics, Inc. (A)	4,506	209,799
IVERIC bio, Inc. (A)	24,314	406,530
Janux Therapeutics, Inc. (A)	3,255	64,221
Jounce Therapeutics, Inc. (A)	8,236	68,771
KalVista Pharmaceuticals, Inc. (A)	4,708	62,287
Karuna Therapeutics, Inc. (A)	4,801	628,931
Karyopharm Therapeutics, Inc. (A)	16,708	107,432
Keros Therapeutics, Inc. (A)	3,488	204,083
Kezar Life Sciences, Inc. (A)	7,156	119,648
Kiniksa Pharmaceuticals, Ltd., Class A (A)	7,153	84,191
Kinate Biopharma, Inc. (A)(B)	6,273	111,158
Kodiak Sciences, Inc. (A)	7,267	616,096
Kronos Bio, Inc. (A)	8,934	121,413
Krystal Biotech, Inc. (A)	3,956	276,722
Kura Oncology, Inc. (A)	14,477	202,678
Kymera Therapeutics, Inc. (A)	7,503	476,365
Lexicon Pharmaceuticals, Inc. (A)	16,142	63,599
Ligand Pharmaceuticals, Inc. (A)	3,253	502,458
Lineage Cell Therapeutics, Inc. (A)	31,209	76,462
Lyell Immunopharma, Inc. (A)	6,236	48,267
MacroGenics, Inc. (A)	13,309	213,609
Madrigal Pharmaceuticals, Inc. (A)	2,593	219,731
MannKind Corp. (A)(B)	54,562	238,436
MEI Pharma, Inc. (A)	27,787	74,191
MeiraGTx Holdings PLC (A)	6,885	163,450
Mersana Therapeutics, Inc. (A)	16,000	99,520
MiMedx Group, Inc. (A)	25,227	152,371
Molecular Templates, Inc. (A)	9,321	36,538
Monte Rosa Therapeutics, Inc. (A)	2,747	56,094
Morphic Holding, Inc. (A)	4,446	210,651
Mustang Bio, Inc. (A)	24,493	40,658
Myriad Genetics, Inc. (A)	17,271	476,680
Neoleukin Therapeutics, Inc. (A)	7,501	36,155
Nkarta, Inc. (A)	3,358	51,545

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Nurix Therapeutics, Inc. (A)	6,996	\$ 202,534
Nuvalent, Inc., Class A (A)	2,476	47,143
Ocugen, Inc. (A)(B)	40,342	183,556
Olema Pharmaceuticals, Inc. (A)	5,936	55,561
Oncocyte Corp. (A)	13,136	28,505
Oncorus, Inc. (A)(B)	4,918	25,918
OPKO Health, Inc. (A)(B)	86,762	417,325
Organogenesis Holdings, Inc. (A)	8,727	80,637
ORIC Pharmaceuticals, Inc. (A)	7,072	103,958
Passage Bio, Inc. (A)	8,785	55,785
PDL BioPharma, Inc. (A)(C)	28,581	51,160
Pfenex, Inc. (A)(C)	9,241	10,131
PMV Pharmaceuticals, Inc. (A)	6,083	140,517
Praxis Precision Medicines, Inc. (A)	7,723	152,143
Precigen, Inc. (A)	21,875	81,156
Precision BioSciences, Inc. (A)	11,089	82,059
Prelude Therapeutics, Inc. (A)	2,612	32,519
Progenics Pharmaceuticals, Inc. (A)(C)	24,422	1,043
Prometheus Biosciences, Inc. (A)	6,194	244,911
Protagonist Therapeutics, Inc. (A)	9,774	334,271
Prothena Corp. PLC (A)	7,730	381,862
PTC Therapeutics, Inc. (A)	15,118	602,150
Puma Biotechnology, Inc. (A)	8,186	24,885
Radius Health, Inc. (A)	10,799	74,729
RAPT Therapeutics, Inc. (A)	4,775	175,386
Recursion Pharmaceuticals, Inc., Class A (A)	24,306	416,362
REGENXBIO, Inc. (A)	8,733	285,569
Relay Therapeutics, Inc. (A)	14,678	450,761
Replimune Group, Inc. (A)	6,838	185,310
REVOLUTION Medicines, Inc. (A)	13,226	332,898
Rhythm Pharmaceuticals, Inc. (A)	10,323	103,024
Rigel Pharmaceuticals, Inc. (A)	40,220	106,583
Rocket Pharmaceuticals, Inc. (A)	9,033	197,190
Rubius Therapeutics, Inc. (A)	10,233	99,055
Sana Biotechnology, Inc. (A)	18,818	291,303
Sangamo Therapeutics, Inc. (A)	26,511	198,833
Scholar Rock Holding Corp. (A)	6,388	158,678
Selecta Biosciences, Inc. (A)	21,386	69,718
Sensei Biotherapeutics, Inc. (A)	6,097	35,363
Seres Therapeutics, Inc. (A)	15,735	131,073
Shattuck Labs, Inc. (A)	6,142	52,268
Silverback Therapeutics, Inc. (A)	5,449	36,290
Sorrento Therapeutics, Inc. (A)(B)	63,021	293,048
Spectrum Pharmaceuticals, Inc. (A)	44,264	56,215
Spero Therapeutics, Inc. (A)	5,918	94,747
SpringWorks Therapeutics, Inc. (A)	6,371	394,875
SQZ Biotechnologies Company (A)	5,739	51,249
Stoke Therapeutics, Inc. (A)	4,441	106,540
Surface Oncology, Inc. (A)	9,596	45,869
Sutro Biopharma, Inc. (A)	10,069	149,827
Syndax Pharmaceuticals, Inc. (A)	10,063	220,279
Synergy Pharmaceuticals, Inc. (A)(C)	80,513	233
Syros Pharmaceuticals, Inc. (A)	14,453	47,117
Talaris Therapeutics, Inc. (A)	4,360	66,664
Taysha Gene Therapies, Inc. (A)(B)	5,276	61,465
TCR2 Therapeutics, Inc. (A)	7,496	34,931
Tenaya Therapeutics, Inc. (A)	3,535	66,988
TG Therapeutics, Inc. (A)	28,230	536,370
Tonix Pharmaceuticals Holding Corp. (A)(B)	111,592	39,916
Travere Therapeutics, Inc. (A)	12,779	396,660
Trevena, Inc. (A)	54,659	31,839
Turning Point Therapeutics, Inc. (A)	10,024	478,145
Twist Bioscience Corp. (A)	10,203	789,610

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
UroGen Pharma, Ltd. (A)(B)	5,139	\$ 48,872
Vanda Pharmaceuticals, Inc. (A)	12,098	189,818
Vaxart, Inc. (A)	27,064	169,691
Vaxcyte, Inc. (A)	9,252	220,105
VBI Vaccines, Inc. (A)	43,426	101,617
Vera Therapeutics, Inc. (A)	2,013	53,787
Veracyte, Inc. (A)	14,668	604,322
Verastem, Inc. (A)	39,946	81,889
Vericel Corp. (A)	10,137	398,384
Verve Therapeutics, Inc. (A)(B)	3,593	132,474
Viking Therapeutics, Inc. (A)	16,767	77,128
Vir Biotechnology, Inc. (A)	12,948	542,133
Viracta Therapeutics, Inc. (A)	8,718	31,821
VistaGen Therapeutics, Inc. (A)	45,780	89,271
Vor BioPharma, Inc. (A)	4,149	48,211
Werewolf Therapeutics, Inc. (A)	5,227	62,254
Xencor, Inc. (A)	12,322	494,359
Y-mAbs Therapeutics, Inc. (A)	8,019	129,988
Zentalis Pharmaceuticals, Inc. (A)	7,862	660,880
ZIOPHARM Oncology, Inc. (A)	52,558	57,288
		53,942,997
Health care equipment and supplies – 3.1%		
Accelerate Diagnostics, Inc. (A)	10,815	56,454
Accuray, Inc. (A)	21,907	104,496
Alphatec Holdings, Inc. (A)	15,674	179,154
AngioDynamics, Inc. (A)	7,822	215,731
Apyx Medical Corp. (A)	7,549	96,778
Asensus Surgical, Inc. (A)	53,438	59,316
Aspira Women's Health, Inc. (A)(B)	17,279	30,584
AtriCure, Inc. (A)	9,711	675,206
Atrion Corp.	303	213,585
Avanos Medical, Inc. (A)	10,562	366,185
Axogen, Inc. (A)	8,848	82,906
Axonics, Inc. (A)	9,908	554,848
BioLife Solutions, Inc. (A)	2,369	88,293
Bioventus, Inc., Class A (A)	5,389	78,087
Butterfly Network, Inc. (A)(B)	27,727	185,494
Cardiovascular Systems, Inc. (A)	8,941	167,912
Cerus Corp. (A)	37,603	256,076
ClearPoint Neuro, Inc. (A)	4,599	51,601
CONMED Corp.	6,247	885,575
CryoLife, Inc. (A)	8,608	175,173
CryoPort, Inc. (A)	8,789	520,045
Cutera, Inc. (A)	4,067	168,048
CytoSorbents Corp. (A)	10,859	45,499
DarioHealth Corp. (A)	2,914	37,795
Eargo, Inc. (A)(B)	6,971	35,552
Glaukos Corp. (A)	9,764	433,912
Haemonetics Corp. (A)	10,928	579,621
Heska Corp. (A)	2,142	390,894
Inari Medical, Inc. (A)	7,426	677,771
Inogen, Inc. (A)	4,377	148,818
Integer Holdings Corp. (A)	7,050	603,410
Intersect ENT, Inc. (A)	7,442	203,241
iRadimed Corp. (A)	1,368	63,215
iRhythm Technologies, Inc. (A)	6,387	751,686
Lantheus Holdings, Inc. (A)	14,745	425,983
LeMaitre Vascular, Inc.	4,115	206,696
LivaNova PLC (A)	11,523	1,007,456
Meridian Bioscience, Inc. (A)	9,386	191,474
Merit Medical Systems, Inc. (A)	11,117	692,589
Mesa Laboratories, Inc.	1,081	354,665
Natus Medical, Inc. (A)	7,580	179,873
Neogen Corp. (A)	23,096	1,048,789
Nevro Corp. (A)	7,517	609,403

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
NuVasive, Inc. (A)	11,237	\$ 589,718
OraSure Technologies, Inc. (A)	15,993	138,979
Ortho Clinical Diagnostics Holdings PLC (A)	24,378	521,445
Orthofix Medical, Inc. (A)	4,334	134,744
OrthoPediatrics Corp. (A)	3,149	188,499
Outset Medical, Inc. (A)	10,008	461,269
PAVmed, Inc. (A)	17,355	42,693
Pulmonx Corp. (A)	5,794	185,814
Pulse Biosciences, Inc. (A)	2,633	38,995
Quotient, Ltd. (A)	22,235	57,589
SeaSpine Holdings Corp. (A)	7,463	101,646
Senseonics Holdings, Inc. (A)(B)	93,468	249,560
Shockwave Medical, Inc. (A)	7,274	1,297,172
SI-BONE, Inc. (A)	7,380	163,910
Sientra, Inc. (A)	13,994	51,358
Sight Sciences, Inc. (A)	2,642	46,420
Silk Road Medical, Inc. (A)	7,645	325,753
STAAR Surgical Company (A)	10,235	934,456
Stereotaxis, Inc. (A)	11,987	74,319
Surmodics, Inc. (A)	3,132	150,806
Tactile Systems Technology, Inc. (A)	4,358	82,933
TransMedics Group, Inc. (A)	5,949	113,983
Treace Medical Concepts, Inc. (A)	5,733	106,863
Utah Medical Products, Inc.	924	92,400
Vapotherm, Inc. (A)	5,309	109,949
Varex Imaging Corp. (A)	8,505	268,333
ViewRay, Inc. (A)	31,400	173,014
		20,602,509
Health care providers and services – 2.8%		
1Life Healthcare, Inc. (A)	25,505	448,123
Accolade, Inc. (A)	11,222	295,812
AdaptHealth Corp. (A)	15,714	384,364
Addus HomeCare Corp. (A)	3,372	315,316
Agility, Inc. (A)	5,146	119,181
Alignment Healthcare, Inc. (A)	16,059	225,790
AMN Healthcare Services, Inc. (A)	10,115	1,237,368
Apollo Medical Holdings, Inc. (A)	8,108	595,776
Apria, Inc. (A)	3,665	119,479
Aveanna Healthcare Holdings, Inc. (A)	8,895	65,823
Brookdale Senior Living, Inc. (A)	42,000	216,720
Castle Biosciences, Inc. (A)	4,605	197,416
Community Health Systems, Inc. (A)	27,202	362,059
CorVel Corp. (A)	1,900	395,200
Covetrus, Inc. (A)	22,868	456,674
Cross Country Healthcare, Inc. (A)	8,062	223,801
Fulgent Genetics, Inc. (A)(B)	4,508	453,460
Hanger, Inc. (A)	8,559	155,175
HealthEquity, Inc. (A)	17,745	785,039
InfuSystem Holdings, Inc. (A)	3,058	52,078
LHC Group, Inc. (A)	6,607	906,679
LifeStance Health Group, Inc. (A)	10,595	100,864
Magellan Health, Inc. (A)	5,028	477,610
MEDNAX, Inc. (A)	16,609	451,931
ModivCare, Inc. (A)	2,706	401,273
National HealthCare Corp.	2,604	176,916
National Research Corp.	3,166	131,452
Option Care Health, Inc. (A)	33,419	950,436
Owens & Minor, Inc.	15,582	677,817
Patterson Companies, Inc.	18,380	539,453
PetIQ, Inc. (A)	5,992	136,078
Privia Health Group, Inc. (A)	3,745	96,883
Progyny, Inc. (A)	13,857	697,700
R1 RCM, Inc. (A)	25,696	654,991
RadNet, Inc. (A)	9,976	300,377

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care providers and services (continued)		
Select Medical Holdings Corp.	23,850	\$ 701,190
Surgery Partners, Inc. (A)	7,152	381,988
Tenet Healthcare Corp. (A)	22,801	1,862,614
The Ensign Group, Inc.	11,349	952,862
The Joint Corp. (A)	3,071	201,734
The Pennant Group, Inc. (A)	5,920	136,634
Tivity Health, Inc. (A)	9,792	258,900
Triple-S Management Corp. (A)	4,932	175,974
US Physical Therapy, Inc.	2,777	265,342
Viemed Healthcare, Inc. (A)	9,933	51,850
		18,794,202
Health care technology – 1.1%		
Allscripts Healthcare Solutions, Inc. (A)	26,447	487,947
American Well Corp., Class A (A)	41,207	248,890
Computer Programs & Systems, Inc. (A)	3,540	103,722
Evolent Health, Inc., Class A (A)	17,110	473,434
Health Catalyst, Inc. (A)	11,049	437,761
HealthStream, Inc. (A)	5,315	140,103
Inspire Medical Systems, Inc. (A)	5,785	1,330,897
MultiPlan Corp. (A)(B)	79,686	353,009
NextGen Healthcare, Inc. (A)	12,709	226,093
Omnicell, Inc. (A)	9,315	1,680,799
OptimizeRx Corp. (A)	3,745	232,602
Phreesia, Inc. (A)	10,752	447,928
Schrodinger, Inc. (A)	9,928	345,792
Simulations Plus, Inc. (B)	3,504	165,739
Tabula Rasa HealthCare, Inc. (A)	5,168	77,520
Vocera Communications, Inc. (A)	7,305	473,656
		7,225,892
Life sciences tools and services – 0.8%		
Berkeley Lights, Inc. (A)	10,782	196,017
Bionano Genomics, Inc. (A)(B)	63,323	189,336
ChromaDex Corp. (A)	11,279	42,183
Codexis, Inc. (A)	13,029	407,417
Cytek Biosciences, Inc. (A)	3,751	61,216
Fluidigm Corp. (A)	17,384	68,145
Harvard Bioscience, Inc. (A)	10,064	70,951
Inotiv, Inc. (A)	3,177	133,656
MaxCyte, Inc. (A)(B)	19,813	201,894
Medpace Holdings, Inc. (A)	6,207	1,350,891
NanoString Technologies, Inc. (A)	9,915	418,710
NeoGenomics, Inc. (A)	24,590	839,011
Pacific Biosciences of California, Inc. (A)	41,977	858,849
Personalis, Inc. (A)	8,159	116,429
Quanterix Corp. (A)	6,859	290,822
Seer, Inc. (A)(B)	9,382	214,003
		5,459,530
Pharmaceuticals – 1.4%		
9 Meters Biopharma, Inc. (A)	53,079	51,948
Aclaris Therapeutics, Inc. (A)	11,349	165,014
Aerie Pharmaceuticals, Inc. (A)	9,966	69,961
Anneal Pharmaceuticals, Inc. (A)	22,604	108,273
Amphastar Pharmaceuticals, Inc. (A)	8,256	192,282
Ampio Pharmaceuticals, Inc. (A)(B)	46,000	26,220
ANI Pharmaceuticals, Inc. (A)	2,535	116,813
Antares Pharma, Inc. (A)	39,293	140,276
Arvinas, Inc. (A)	9,958	817,950
Atea Pharmaceuticals, Inc. (A)	14,066	125,750
Athira Pharma, Inc. (A)(B)	7,405	96,487
Axsome Therapeutics, Inc. (A)(B)	6,109	230,798
BioDelivery Sciences International, Inc. (A)	23,057	71,477
Cara Therapeutics, Inc. (A)	10,308	125,551
Cassava Sciences, Inc. (A)(B)	8,269	361,355

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Citius Pharmaceuticals, Inc. (A)	22,773	\$ 35,070
Collegium Pharmaceutical, Inc. (A)	7,798	145,667
Corcept Therapeutics, Inc. (A)(B)	20,773	411,305
CorMedix, Inc. (A)	8,051	36,632
Cymabay Therapeutics, Inc. (A)	14,918	50,423
DICE Therapeutics, Inc. (A)	2,527	63,958
Edgewise Therapeutics, Inc. (A)	7,867	120,208
Elanco Animal Health, Inc. (A)(C)	15,082	0
Endo International PLC (A)	49,899	187,620
Esperion Therapeutics, Inc. (A)(B)	6,159	30,795
Evolus, Inc. (A)(B)	7,505	48,858
EyePoint Pharmaceuticals, Inc. (A)	5,201	63,660
Fulcrum Therapeutics, Inc. (A)	6,019	106,476
Harmony Biosciences Holdings, Inc. (A)	4,991	212,816
Ikena Oncology, Inc. (A)	5,787	72,569
Innoviva, Inc. (A)	9,216	158,976
Intra-Cellular Therapies, Inc. (A)	15,249	798,133
KemPharm, Inc. (A)(B)	7,980	69,506
Marinus Pharmaceuticals, Inc. (A)(B)	8,613	102,322
Mind Medicine MindMed, Inc. (A)	79,004	109,026
NGM Biopharmaceuticals, Inc. (A)	7,276	128,858
Nuvation Bio, Inc. (A)(B)	32,284	274,414
Ocular Therapeutix, Inc. (A)	17,574	122,491
Omeros Corp. (A)(B)	13,931	89,576
Oramed Pharmaceuticals, Inc. (A)	6,997	99,917
Pacira BioSciences, Inc. (A)	9,548	574,503
Paratek Pharmaceuticals, Inc. (A)	13,470	60,480
Phathom Pharmaceuticals, Inc. (A)	4,746	93,354
Phibro Animal Health Corp., Class A	4,993	101,957
Pliant Therapeutics, Inc. (A)	5,531	74,669
Prestige Consumer Healthcare, Inc. (A)	10,621	644,164
Provention Bio, Inc. (A)(B)	13,613	76,505
Rain Therapeutics, Inc. (A)	3,318	42,736
Reata Pharmaceuticals, Inc., Class A (A)	6,011	158,510
Relmada Therapeutics, Inc. (A)	3,661	82,482
Revance Therapeutics, Inc. (A)	15,871	259,015
SIGA Technologies, Inc. (A)	11,154	83,878
Supernus Pharmaceuticals, Inc. (A)	10,700	312,012
Tarsus Pharmaceuticals, Inc. (A)	1,658	37,305
TherapeuticsMD, Inc. (A)(B)	118,358	42,076
Theravance Biopharma, Inc. (A)	13,853	153,076
Zogenix, Inc. (A)	12,884	209,365
		9,245,518
		115,270,648
Industrials – 14.5%		
Aerospace and defense – 0.6%		
AAR Corp. (A)	7,538	294,208
Aerojet Rocketdyne Holdings, Inc.	16,026	749,376
AeroVironment, Inc. (A)	4,837	300,039
Astronics Corp. (A)	6,078	72,936
Byrna Technologies, Inc. (A)	4,298	57,378
Ducommun, Inc. (A)	2,588	121,041
Kaman Corp.	6,212	268,048
Kratos Defense & Security Solutions, Inc. (A)	26,459	513,305
Maxar Technologies, Inc.	15,778	465,924
Moog, Inc., Class A	6,183	500,638
National Presto Industries, Inc.	1,222	100,241
PAE, Inc. (A)	15,754	156,437
Park Aerospace Corp.	5,600	73,920
Parsons Corp. (A)	5,677	191,031
Triumph Group, Inc. (A)	14,321	265,368

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
Vectrus, Inc. (A)	2,721	\$ 124,540
		4,254,430
Air freight and logistics – 0.3%		
Air Transport Services Group, Inc. (A)	12,753	374,683
Atlas Air Worldwide Holdings, Inc. (A)	6,175	581,191
Forward Air Corp.	5,805	702,927
Hub Group, Inc., Class A (A)	7,097	597,851
		2,256,652
Airlines – 0.3%		
Allegiant Travel Company (A)	3,369	630,138
Frontier Group Holdings, Inc. (A)	7,635	103,607
Hawaiian Holdings, Inc. (A)	11,658	214,157
Mesa Air Group, Inc. (A)	8,384	46,950
SkyWest, Inc. (A)	10,761	422,907
Spirit Airlines, Inc. (A)	21,451	468,704
Sun Country Airlines Holdings, Inc. (A)	5,150	140,338
		2,026,801
Building products – 1.3%		
AAON, Inc.	8,966	712,169
American Woodmark Corp. (A)	3,732	243,326
Apogee Enterprises, Inc.	5,380	259,047
Caesarstone, Ltd.	6,340	71,896
Cornerstone Building Brands, Inc. (A)	12,322	214,896
CSW Industrials, Inc.	3,174	383,610
Gibraltar Industries, Inc. (A)	7,090	472,761
Griffon Corp.	10,158	289,300
Insteel Industries, Inc.	4,250	169,193
JELD-WEN Holding, Inc. (A)	18,367	484,154
Masonite International Corp. (A)	5,141	606,381
PGT Innovations, Inc. (A)	12,930	290,796
Quanex Building Products Corp.	7,983	197,819
Resideo Technologies, Inc. (A)	31,179	811,589
Simpson Manufacturing Company, Inc.	9,289	1,291,821
UFP Industries, Inc.	12,796	1,177,360
View, Inc. (A)(B)	27,748	108,495
Zurn Water Solutions Corp.	25,930	943,852
		8,728,465
Commercial services and supplies – 1.7%		
ABM Industries, Inc.	14,561	594,817
ACCO Brands Corp.	21,340	176,268
Brady Corp., Class A	10,050	541,695
BrightView Holdings, Inc. (A)	9,411	132,507
Casella Waste Systems, Inc., Class A (A)	10,557	901,779
CECO Environmental Corp. (A)	7,119	44,351
Cimpress PLC (A)	3,760	269,254
CoreCivic, Inc. (A)	26,204	261,254
Deluxe Corp.	9,212	295,797
Ennis, Inc.	5,909	115,403
Harsco Corp. (A)	17,364	290,152
Healthcare Services Group, Inc.	16,345	290,778
Heritage-Crystal Clean, Inc. (A)	3,832	122,701
HNI Corp.	9,453	397,499
Interface, Inc.	12,997	207,302
KAR Auction Services, Inc. (A)	26,346	411,525
Kimball International, Inc., Class B	9,622	98,433
Matthews International Corp., Class A	6,985	256,140
MillerKnoll, Inc.	16,097	630,841
Montrose Environmental Group, Inc. (A)	5,193	366,158
Pitney Bowes, Inc.	39,518	262,004
RR Donnelley & Sons Company (A)	15,640	176,106
SP Plus Corp. (A)	5,469	154,335
Steelcase, Inc., Class A	19,284	226,008
Tetra Tech, Inc.	11,506	1,953,719
The Brink's Company	10,462	685,993

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
UniFirst Corp.	3,213	\$ 676,015
US Ecology, Inc. (A)	7,218	230,543
Viad Corp. (A)	4,686	200,514
VSE Corp.	2,627	160,089
		11,129,980
Construction and engineering – 1.5%		
Ameresco, Inc., Class A (A)	6,635	540,354
API Group Corp. (A)	43,577	1,122,979
Arcosa, Inc.	10,398	547,975
Argan, Inc.	3,537	136,847
Comfort Systems USA, Inc.	7,650	756,891
Concrete Pumping Holdings, Inc. (A)	6,889	56,490
Construction Partners, Inc., Class A (A)	6,195	182,195
Dycom Industries, Inc. (A)	6,363	596,595
EMCOR Group, Inc.	11,374	1,448,934
Fluor Corp. (A)	30,786	762,569
Granite Construction, Inc.	9,824	380,189
Great Lakes Dredge & Dock Corp. (A)	13,947	219,247
IES Holdings, Inc. (A)	2,028	102,698
Infrastructure and Energy Alternatives, Inc. (A)	6,942	63,866
Matrix Service Company (A)	7,471	56,182
MYR Group, Inc. (A)	3,512	388,252
NV5 Global, Inc. (A)	2,888	398,891
Primoris Services Corp.	11,812	283,252
Sterling Construction Company, Inc. (A)	6,484	170,529
Tutor Perini Corp. (A)	9,399	116,266
WillScot Mobile Mini Holdings Corp. (A)	45,523	1,859,159
		10,190,360
Electrical equipment – 1.0%		
Allied Motion Technologies, Inc.	2,986	108,959
American Superconductor Corp. (A)	6,886	74,920
Array Technologies, Inc. (A)	27,787	435,978
Atkore, Inc. (A)	9,883	1,098,891
AZZ, Inc.	5,165	285,573
Babcock & Wilcox Enterprises, Inc. (A)	12,873	116,114
Beam Global (A)	2,122	39,469
Blink Charging Company (A)(B)	8,035	213,008
Bloom Energy Corp., Class A (A)	30,366	665,926
Encore Wire Corp.	4,209	602,308
EnerSys	9,206	727,826
Eos Energy Enterprises, Inc. (A)(B)	10,356	77,877
FuelCell Energy, Inc. (A)	78,765	409,578
GrafTech International, Ltd.	43,095	509,814
Romeo Power, Inc. (A)(B)	30,637	111,825
Stem, Inc. (A)	23,356	443,063
Thermon Group Holdings, Inc. (A)	8,113	137,353
TPI Composites, Inc. (A)	8,082	120,907
Vicor Corp. (A)	4,535	575,854
		6,755,243
Machinery – 3.6%		
Alamo Group, Inc.	2,064	303,780
Albany International Corp., Class A	6,561	580,320
Altra Industrial Motion Corp.	14,136	728,994
Astec Industries, Inc.	4,993	345,865
Barnes Group, Inc.	10,170	473,820
Blue Bird Corp. (A)	3,902	61,027
Chart Industries, Inc. (A)	7,842	1,250,721
CIRCOR International, Inc. (A)	4,348	118,179
Columbus McKinnon Corp.	6,094	281,908
Commercial Vehicle Group, Inc. (A)	8,180	65,931
Desktop Metal, Inc., Class A (A)(B)	42,737	211,548
Douglas Dynamics, Inc.	5,005	195,495
Energy Recovery, Inc. (A)	9,438	202,823

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
Enerpac Tool Group Corp.	13,598	\$ 275,767
EnPro Industries, Inc.	4,409	485,299
ESCO Technologies, Inc.	5,482	493,325
Evoqua Water Technologies Corp. (A)	24,934	1,165,665
Federal Signal Corp.	12,789	554,275
Franklin Electric Company, Inc.	9,837	930,187
Helios Technologies, Inc.	7,006	736,821
Hillenbrand, Inc.	15,782	820,506
Hydrofarm Holdings Group, Inc. (A)	8,630	244,143
Hyliion Holdings Corp. (A)	26,595	164,889
Hyster-Yale Materials Handling, Inc.	2,296	94,366
Ideanomics, Inc. (A)(B)	91,681	110,017
John Bean Technologies Corp.	6,739	1,034,841
Kadant, Inc.	2,463	567,672
Kennametal, Inc.	18,089	649,576
Lindsay Corp.	2,256	342,912
Luxfer Holdings PLC	6,084	117,482
Meritor, Inc. (A)	14,536	360,202
Miller Industries, Inc.	2,781	92,885
Mueller Industries, Inc.	11,956	709,708
Mueller Water Products, Inc., Class A	34,244	493,114
Nikola Corp. (A)	49,734	490,875
Omega Flex, Inc.	709	90,008
Park-Ohio Holdings Corp.	2,563	54,259
Proto Labs, Inc. (A)	6,220	319,397
RBC Bearings, Inc. (A)	5,621	1,135,273
REV Group, Inc.	6,669	94,366
SPX Corp. (A)	9,422	562,305
SPX FLOW, Inc.	8,911	770,623
Standex International Corp.	2,514	278,199
Tennant Company	4,026	326,267
Terex Corp.	14,645	643,648
The Gorman-Rupp Company	4,903	218,429
The Greenbrier Companies, Inc.	6,864	314,989
The Manitowoc Company, Inc. (A)	7,823	145,430
The Shyft Group, Inc.	7,426	364,839
Titan International, Inc. (A)	12,077	132,364
Trinity Industries, Inc.	16,778	506,696
Wabash National Corp.	10,998	214,681
Watts Water Technologies, Inc., Class A	5,848	1,135,506
Welbilt, Inc. (A)	28,106	668,080
		23,730,297
Marine – 0.2%		
Costamare, Inc.	11,417	144,425
Eagle Bulk Shipping, Inc.	2,035	92,593
Genco Shipping & Trading, Ltd.	7,383	118,128
Matson, Inc.	8,908	801,987
Safe Bulkers, Inc. (A)	15,173	57,202
		1,214,335
Professional services – 1.7%		
Acacia Research Corp. (A)	12,793	65,628
ASGN, Inc. (A)	10,917	1,347,158
Barrett Business Services, Inc.	1,879	129,764
CBIZ, Inc. (A)	10,486	410,212
CRA International, Inc.	1,556	145,268
Exponent, Inc.	11,123	1,298,388
First Advantage Corp. (A)	10,142	193,104
Forrester Research, Inc. (A)	2,678	157,279
Franklin Covey Company (A)	2,920	135,371
Heidrick & Struggles International, Inc.	4,428	193,636
Huron Consulting Group, Inc. (A)	4,866	242,813
ICF International, Inc.	3,969	407,021
Insperty, Inc.	7,845	926,573
KBR, Inc.	30,299	1,442,838
Kelly Services, Inc., Class A	8,241	138,202

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Professional services (continued)		
Kforce, Inc.	4,419	\$ 332,397
Korn Ferry	11,612	879,377
ManTech International Corp., Class A	5,879	428,755
Mistras Group, Inc. (A)	6,058	45,011
Resources Connection, Inc.	7,654	136,547
Sterling Check Corp. (A)	2,468	50,619
TriNet Group, Inc. (A)	8,689	827,714
TrueBlue, Inc. (A)	7,783	215,356
Upwork, Inc. (A)	25,522	871,832
Willdan Group, Inc. (A)	2,864	100,813
		11,121,676
Road and rail – 0.9%		
ArcBest Corp.	5,458	654,141
Avis Budget Group, Inc. (A)	8,879	1,841,238
Covenant Logistics Group, Inc. (A)	3,256	86,056
Daseke, Inc. (A)	9,799	98,382
Heartland Express, Inc.	10,660	179,301
Marten Transport, Ltd.	13,645	234,148
Saia, Inc. (A)	5,689	1,917,364
Werner Enterprises, Inc.	13,120	625,299
Yellow Corp. (A)	11,735	147,744
		5,783,673
Trading companies and distributors – 1.4%		
Applied Industrial Technologies, Inc.	8,260	848,302
Beacon Roofing Supply, Inc. (A)	12,127	695,483
BlueLinx Holdings, Inc. (A)	2,047	196,021
Boise Cascade Company	8,418	599,362
Custom Truck One Source, Inc. (A)(B)	10,466	83,728
DXP Enterprises, Inc. (A)	4,446	114,129
GATX Corp.	7,548	786,426
Global Industrial Company	2,631	107,608
GMS, Inc. (A)	9,276	557,580
H&E Equipment Services, Inc.	7,141	316,132
Herc Holdings, Inc.	5,379	842,082
McGrath RentCorp	5,248	421,204
MRC Global, Inc. (A)	18,532	127,500
NOW, Inc. (A)	24,463	208,914
Rush Enterprises, Inc., Class A	8,316	462,702
Rush Enterprises, Inc., Class B	2,077	112,096
Textainer Group Holdings, Ltd.	10,221	364,992
Titan Machinery, Inc. (A)	4,482	150,999
Transcat, Inc. (A)	1,655	152,972
Triton International, Ltd.	14,307	861,711
Veritiv Corp. (A)	3,092	378,986
WESCO International, Inc. (A)	9,528	1,253,790
		9,642,719
		96,834,631
Information technology – 14.0%		
Communications equipment – 0.8%		
ADTRAN, Inc.	10,624	242,546
Aviat Networks, Inc. (A)	2,338	75,003
CalAmp Corp. (A)	8,593	60,667
Calix, Inc. (A)	11,850	947,645
Cambium Networks Corp. (A)	2,508	64,280
Clearfield, Inc. (A)	2,554	215,609
Comtech Telecommunications Corp.	6,012	142,424
Digi International, Inc. (A)	7,892	193,906
DZS, Inc. (A)	2,913	47,249
EMCORE Corp. (A)	8,801	61,431
Extreme Networks, Inc. (A)	27,784	436,209
Harmonic, Inc. (A)	20,242	238,046
Infinera Corp. (A)	39,830	381,970
Inseego Corp. (A)(B)	19,063	111,137
NETGEAR, Inc. (A)	6,427	187,733

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Communications equipment (continued)		
NetScout Systems, Inc. (A)	15,111	\$ 499,872
Plantronics, Inc. (A)	9,194	269,752
Ribbon Communications, Inc. (A)	16,289	98,548
Viavi Solutions, Inc. (A)	49,823	877,881
		5,151,908
Electronic equipment, instruments and components – 2.3%		
908 Devices, Inc. (A)	3,739	96,728
Advanced Energy Industries, Inc.	8,139	741,137
Aeva Technologies, Inc. (A)(B)	20,362	153,937
Akoustis Technologies, Inc. (A)(B)	10,428	69,659
Arlo Technologies, Inc. (A)	19,540	204,975
Badger Meter, Inc.	6,207	661,418
Belden, Inc.	9,432	619,965
Benchmark Electronics, Inc.	7,724	209,320
CTS Corp.	7,105	260,896
Daktronics, Inc. (A)	12,237	61,797
ePlus, Inc. (A)	5,630	303,344
Fabrinet (A)	7,906	936,624
FARO Technologies, Inc. (A)	4,036	282,601
Identiv, Inc. (A)	5,222	146,947
II-VI, Inc. (A)	22,775	1,556,216
Insight Enterprises, Inc. (A)	7,343	782,764
Itron, Inc. (A)	9,784	670,400
Kimball Electronics, Inc. (A)	5,461	118,831
Knowles Corp. (A)	18,920	441,782
Luna Innovations, Inc. (A)	8,474	71,521
Methode Electronics, Inc.	8,208	403,587
MicroVision, Inc. (A)(B)	36,587	183,301
Napco Security Technologies, Inc. (A)	3,291	164,484
nLight, Inc. (A)	9,669	231,573
Novanta, Inc. (A)	7,555	1,332,173
OSI Systems, Inc. (A)	3,609	336,359
Ouster, Inc. (A)	30,936	160,867
PAR Technology Corp. (A)(B)	5,338	281,686
PC Connection, Inc.	2,429	104,763
Plexus Corp. (A)	5,934	569,011
Rogers Corp. (A)	4,011	1,095,003
Sanmina Corp. (A)	13,546	561,617
ScanSource, Inc. (A)	5,553	194,799
TTM Technologies, Inc. (A)	22,418	334,028
Velodyne Lidar, Inc. (A)	18,740	86,954
Vishay Intertechnology, Inc.	28,458	622,376
Vishay Precision Group, Inc. (A)	3,177	117,930
		15,171,373
IT services – 1.5%		
BigCommerce Holdings, Inc., Series 1 (A)	10,621	375,665
Brightcove, Inc. (A)	9,813	100,289
Cantaloupe, Inc. (A)	13,611	120,866
Cass Information Systems, Inc.	3,523	138,524
Conduent, Inc. (A)	37,818	201,948
CSG Systems International, Inc.	7,082	408,065
DigitalOcean Holdings, Inc. (A)	10,882	874,151
EVERTEC, Inc.	13,100	654,738
EVO Payments, Inc., Class A (A)	10,573	270,669
ExlService Holdings, Inc. (A)	7,058	1,021,787
Flywire Corp. (A)	12,878	490,137
Grid Dynamics Holdings, Inc. (A)	9,221	350,121
i3 Verticals, Inc., Class A (A)	4,924	112,218
International Money Express, Inc. (A)	7,743	123,578
Limelight Networks, Inc. (A)	31,418	107,764
LiveRamp Holdings, Inc. (A)	14,333	687,267
MAXIMUS, Inc.	13,151	1,047,740
MoneyGram International, Inc. (A)	20,119	158,739
Paya Holdings, Inc. (A)	18,744	118,837
Perficient, Inc. (A)	7,004	905,547

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
IT services (continued)		
Rackspace Technology, Inc. (A)	12,110	\$ 163,122
Repay Holdings Corp. (A)	19,537	356,941
The Hackett Group, Inc.	5,795	118,971
TTEC Holdings, Inc.	3,946	357,310
Tucows, Inc., Class A (A)	2,224	186,416
Unisys Corp. (A)	14,333	294,830
Verra Mobility Corp. (A)	29,270	451,636
		10,197,876
Semiconductors and semiconductor equipment – 3.6%		
Alpha & Omega Semiconductor, Ltd. (A)	4,712	285,359
Ambarella, Inc. (A)	7,594	1,540,747
Amkor Technology, Inc.	21,822	540,967
Atomera, Inc. (A)(B)	4,756	95,691
Axcelis Technologies, Inc. (A)	7,171	534,670
AXT, Inc. (A)	10,109	89,060
CEVA, Inc. (A)	5,143	222,383
CMC Materials, Inc.	6,103	1,169,884
Cohu, Inc. (A)	10,533	401,202
Diodes, Inc. (A)	9,315	1,022,880
FormFactor, Inc. (A)	16,760	766,267
Ichor Holdings, Ltd. (A)	6,177	284,327
Impinj, Inc. (A)	4,135	366,775
Kopin Corp. (A)	17,663	72,242
Kulicke & Soffa Industries, Inc.	13,119	794,224
Lattice Semiconductor Corp. (A)	29,079	2,240,828
MACOM Technology Solutions Holdings, Inc. (A)	10,475	820,193
MaxLinear, Inc. (A)	15,264	1,150,753
Meta Materials, Inc. (A)(B)	45,983	113,118
NeoPhotonics Corp. (A)	11,466	176,232
NVE Corp.	1,321	90,224
Onto Innovation, Inc. (A)	10,470	1,059,878
PDF Solutions, Inc. (A)	6,816	216,681
Photronics, Inc. (A)	13,054	246,068
Power Integrations, Inc.	12,912	1,199,396
Rambus, Inc. (A)	23,393	687,520
Semtech Corp. (A)	13,867	1,233,192
Silicon Laboratories, Inc. (A)	8,560	1,766,955
SiTime Corp. (A)	3,349	979,716
SMART Global Holdings, Inc. (A)	3,851	273,382
SunPower Corp. (A)	17,336	361,802
Synaptics, Inc. (A)	8,269	2,393,958
Ultra Clean Holdings, Inc. (A)	9,589	550,025
Veeco Instruments, Inc. (A)	11,119	316,558
		24,063,157
Software – 5.5%		
8x8, Inc. (A)	24,551	411,475
A10 Networks, Inc.	13,348	221,310
ACI Worldwide, Inc. (A)	25,527	885,787
Agilysys, Inc. (A)	4,363	193,979
Alarm.com Holdings, Inc. (A)	10,237	868,200
Alkami Technology, Inc. (A)	5,075	101,805
Altair Engineering, Inc., Class A (A)	10,018	774,592
American Software, Inc., Class A	7,131	186,618
Appfolio, Inc., Class A (A)	4,086	494,651
Appian Corp. (A)	8,539	556,828
Asana, Inc., Class A (A)	15,295	1,140,242
Avaya Holdings Corp. (A)	18,091	358,202
AvidXchange Holdings, Inc. (A)(B)	3,581	53,930
Benefitfocus, Inc. (A)	6,133	65,378
Blackbaud, Inc. (A)	10,339	816,574
Blackline, Inc. (A)	11,652	1,206,448
Bottomline Technologies DE, Inc. (A)	9,657	545,331
Box, Inc., Class A (A)	30,151	789,655
BTRS Holdings, Inc., Class A (A)	14,786	115,627

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Cerence, Inc. (A)	8,243	\$ 631,744
ChannelAdvisor Corp. (A)	6,737	166,269
Cleantalk, Inc. (A)(B)	7,550	71,876
CommVault Systems, Inc. (A)	9,902	682,446
Consensus Cloud Solutions, Inc. (A)	3,148	182,175
CoreCard Corp. (A)	1,799	69,801
Couchbase, Inc. (A)	2,202	54,962
CS Disco, Inc. (A)	1,855	66,316
Digimarc Corp. (A)(B)	2,985	117,848
Digital Turbine, Inc. (A)	19,542	1,191,867
Domo, Inc., Class B (A)	5,987	296,955
E2open Parent Holdings, Inc. (A)	40,619	457,370
Ebix, Inc.	6,026	183,190
eGain Corp. (A)	5,111	51,008
Enfusion, Inc., Class A (A)	3,407	71,343
EngageSmart, Inc. (A)	2,898	69,900
Everestnet, Inc. (A)	11,755	932,642
EverCommerce, Inc. (A)	3,862	60,827
GTY Technology Holdings, Inc. (A)	7,660	51,322
Instructure Holdings, Inc. (A)	2,895	69,422
Intapp, Inc. (A)	2,354	59,227
InterDigital, Inc.	6,688	479,061
JFrog, Ltd. (A)	11,764	349,391
LivePerson, Inc. (A)	14,117	504,259
Marathon Digital Holdings, Inc. (A)(B)	20,586	676,456
MeridianLink, Inc. (A)	3,103	66,963
MicroStrategy, Inc., Class A (A)(B)	1,779	968,648
Mimecast, Ltd. (A)	13,127	1,044,515
Mitek Systems, Inc. (A)	9,740	172,885
Model N, Inc. (A)	7,840	235,435
Momentive Global, Inc. (A)	28,348	599,560
ON24, Inc. (A)	6,350	110,173
OneSpan, Inc. (A)	8,126	137,573
PagerDuty, Inc. (A)	17,801	618,585
Ping Identity Holding Corp. (A)	11,917	272,661
Progress Software Corp.	9,483	457,744
PROS Holdings, Inc. (A)	8,880	306,271
Q2 Holdings, Inc. (A)	11,855	941,761
Qualys, Inc. (A)	7,320	1,004,450
Rapid7, Inc. (A)	12,089	1,422,754
Rekor Systems, Inc. (A)(B)	7,540	49,387
Rimini Street, Inc. (A)	10,896	65,049
Riot Blockchain, Inc. (A)(B)	18,840	420,697
Sailpoint Technologies Holdings, Inc. (A)	19,797	956,987
Sapiens International Corp. NV	6,859	236,293
SecureWorks Corp., Class A (A)	2,828	45,163
ShotSpotter, Inc. (A)	2,147	63,379
Sprout Social, Inc., Class A (A)	9,760	885,134
SPS Commerce, Inc. (A)	7,756	1,104,067
Sumo Logic, Inc. (A)	19,325	262,047
Telos Corp. (A)	8,913	137,438
Tenable Holdings, Inc. (A)	19,944	1,098,316
Upland Software, Inc. (A)	6,587	118,171
Varonis Systems, Inc. (A)	23,058	1,124,769
Verint Systems, Inc. (A)	13,788	724,008
Veritone, Inc. (A)(B)	6,326	142,208
Vonage Holdings Corp. (A)	52,092	1,082,993
Workiva, Inc. (A)	9,218	1,202,857
Xperi Holding Corp.	22,855	432,188
Yext, Inc. (A)	25,095	248,942
Zuora, Inc., Class A (A)	24,368	455,194
		36,549,574
Technology hardware, storage and peripherals – 0.3%		
3D Systems Corp. (A)	26,541	571,693
Avid Technology, Inc. (A)	7,870	256,326

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Technology hardware, storage and peripherals (continued)		
Corsair Gaming, Inc. (A)	5,978	\$ 125,598
Diebold Nixdorf, Inc. (A)	16,369	148,139
Eastman Kodak Company (A)(B)	10,835	50,708
Quantum Corp. (A)	13,934	76,916
Super Micro Computer, Inc. (A)	9,425	414,229
Turtle Beach Corp. (A)	3,489	77,665
		1,721,274
		92,855,162
Materials – 3.7%		
Chemicals – 1.9%		
AdvanSix, Inc.	5,756	271,971
American Vanguard Corp.	7,492	122,794
Amyris, Inc. (A)(B)	37,529	203,032
Avient Corp.	19,443	1,087,836
Balchem Corp.	6,814	1,148,840
Cabot Corp.	12,018	675,412
Chase Corp.	1,553	154,617
Danimer Scientific, Inc. (A)(B)	18,407	156,828
Ecovyst, Inc.	11,625	119,040
Ferro Corp. (A)	17,510	382,243
FutureFuel Corp.	7,839	59,890
GCP Applied Technologies, Inc. (A)	10,801	341,960
Hawkins, Inc.	4,301	169,674
HB Fuller Company	11,065	896,265
Ingevity Corp. (A)	8,540	612,318
Innospec, Inc.	5,228	472,298
Intrepid Potash, Inc. (A)	2,311	98,749
Koppers Holdings, Inc. (A)	4,776	149,489
Kraton Corp. (A)	6,731	311,780
Kronos Worldwide, Inc.	5,345	80,228
Livent Corp. (A)	34,857	849,814
Minerals Technologies, Inc.	7,044	515,269
Orion Engineered Carbons SA (A)	13,256	243,380
PureCycle Technologies, Inc. (A)(B)	9,816	93,939
Quaker Chemical Corp.	2,900	669,262
Rayonier Advanced Materials, Inc. (A)	14,810	84,565
Sensient Technologies Corp.	8,966	897,138
Stepan Company	4,454	553,588
Tredegar Corp.	7,266	85,884
Trinseo PLC	8,260	433,320
Tronox Holdings PLC, Class A	24,471	588,038
Zymergen, Inc. (A)	16,379	109,576
		12,639,037
Construction materials – 0.2%		
Forterra, Inc. (A)	6,508	154,760
Summit Materials, Inc., Class A (A)	25,547	1,025,457
		1,180,217
Containers and packaging – 0.3%		
Greif, Inc., Class A	4,878	294,485
Greif, Inc., Class B	1,724	103,061
Myers Industries, Inc.	8,423	168,544
O-I Glass, Inc. (A)	33,872	407,480
Pactiv Evergreen, Inc.	9,538	120,942
Ranpak Holdings Corp. (A)	8,190	307,780
TriMas Corp.	9,343	345,691
UFP Technologies, Inc. (A)	1,627	114,313
		1,862,296
Metals and mining – 1.2%		
1911 Gold Corp. (A)	5,045	1,231
Allegheny Technologies, Inc. (A)	27,887	444,240
Arconic Corp. (A)	23,070	761,541
Carpenter Technology Corp.	10,468	305,561
Century Aluminum Company (A)	11,520	190,771

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Metals and mining (continued)		
Coeur Mining, Inc. (A)	57,239	\$ 288,485
Commercial Metals Company	25,531	926,520
Compass Minerals International, Inc.	7,438	379,933
Constellium SE (A)	26,464	473,970
Gatos Silver, Inc. (A)	10,419	108,149
Haynes International, Inc.	3,105	125,225
Hecla Mining Company	115,642	603,651
Kaiser Aluminum Corp.	3,411	320,429
Materion Corp.	4,396	404,168
MP Materials Corp. (A)	15,763	715,955
Novagold Resources, Inc. (A)	52,523	360,308
Pan American Silver Corp., CVR (A)(D)	88,114	68,614
Ryerson Holding Corp.	3,681	95,890
Schnitzer Steel Industries, Inc., Class A	5,602	290,856
SunCoke Energy, Inc.	18,821	124,030
TimkenSteel Corp. (A)	10,322	170,313
Warrior Met Coal, Inc.	11,053	284,173
Worthington Industries, Inc.	7,042	384,916
		7,828,929
Paper and forest products – 0.1%		
Clearwater Paper Corp. (A)	3,730	136,779
Glatfelter Corp.	9,703	166,892
Neenah, Inc.	3,740	173,087
Schweitzer-Mauduit International, Inc.	7,056	210,974
Verso Corp., Class A	5,826	157,419
		845,151
		24,355,630
Real estate – 7.2%		
Equity real estate investment trusts – 6.4%		
Acadia Realty Trust	19,049	415,840
Agree Realty Corp.	14,179	1,011,813
Alexander & Baldwin, Inc.	16,116	404,350
Alexander's, Inc.	463	120,519
American Assets Trust, Inc.	10,752	403,523
American Finance Trust, Inc.	27,287	249,130
Apartment Investment and Management Company, Class A (A)	33,111	255,617
Apple Hospitality REIT, Inc.	46,477	750,604
Armada Hoffer Properties, Inc.	14,110	214,754
Ashford Hospitality Trust, Inc. (A)	4,903	47,069
Braemar Hotels & Resorts, Inc. (A)	15,308	78,071
Brandywine Realty Trust	36,121	484,744
Broadstone Net Lease, Inc.	33,549	832,686
BRT Apartments Corp.	2,982	71,538
CareTrust REIT, Inc.	21,096	481,622
CatchMark Timber Trust, Inc., Class A	12,533	109,162
Centerspace	3,002	332,922
Chatham Lodging Trust (A)	11,277	154,720
City Office REIT, Inc.	9,872	194,676
Community Healthcare Trust, Inc.	5,032	237,863
CorePoint Lodging, Inc. (A)	9,360	146,952
Corporate Office Properties Trust	24,052	672,734
CTO Realty Growth, Inc.	1,874	115,101
DiamondRock Hospitality Company (A)	46,306	445,001
DigitalBridge Group, Inc. (A)	105,522	878,998
Diversified Healthcare Trust	54,192	167,453
Easterly Government Properties, Inc.	18,014	412,881
EastGroup Properties, Inc.	8,331	1,898,218
Empire State Realty Trust, Inc., Class A	31,502	280,368
Equity Commonwealth (A)	23,493	608,469
Essential Properties Realty Trust, Inc.	25,433	733,233
Farmland Partners, Inc.	7,176	85,753
Four Corners Property Trust, Inc.	16,411	482,648
Franklin Street Properties Corp.	25,189	149,875

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Getty Realty Corp.	8,060	\$ 258,645
Gladstone Commercial Corp.	8,759	225,719
Gladstone Land Corp.	6,813	230,007
Global Medical REIT, Inc.	13,418	238,170
Global Net Lease, Inc.	22,632	345,817
Healthcare Realty Trust, Inc.	30,956	979,448
Hersha Hospitality Trust (A)	9,792	89,793
Independence Realty Trust, Inc.	21,988	567,950
Indus Realty Trust, Inc.	1,261	102,217
Industrial Logistics Properties Trust	13,486	337,824
Innovative Industrial Properties, Inc.	5,122	1,346,625
iStar, Inc.	14,717	380,140
Kite Realty Group Trust	46,978	1,023,181
LTC Properties, Inc.	8,691	296,711
LXP Industrial Trust	57,765	902,289
Monmouth Real Estate Investment Corp.	20,195	424,297
National Health Investors, Inc.	9,346	537,115
National Storage Affiliates Trust	17,373	1,202,212
NETSTREIT Corp.	9,021	206,581
NexPoint Residential Trust, Inc.	4,642	389,139
Office Properties Income Trust	11,273	280,021
One Liberty Properties, Inc.	3,956	139,568
Outfront Media, Inc.	31,666	849,282
Paramount Group, Inc.	41,253	344,050
Pebblebrook Hotel Trust	28,376	634,771
Phillips Edison & Company, Inc.	4,680	154,627
Physicians Realty Trust	46,008	866,331
Piedmont Office Realty Trust, Inc., Class A	26,574	488,430
Plymouth Industrial REIT, Inc.	6,595	211,040
Postal Realty Trust, Inc., Class A	4,212	83,398
PotlatchDeltic Corp.	14,419	868,312
Preferred Apartment Communities, Inc.	12,475	225,299
PS Business Parks, Inc.	4,120	758,780
Retail Opportunity Investments Corp.	26,039	510,364
RLJ Lodging Trust	36,647	510,493
RPT Realty	18,241	244,065
Ryman Hospitality Properties, Inc. (A)	11,682	1,074,277
Sabra Health Care REIT, Inc.	48,000	649,920
Safehold, Inc.	3,665	292,650
Saul Centers, Inc.	2,830	150,047
Seritage Growth Properties, Class A (A)	8,315	110,340
Service Properties Trust	37,015	325,362
SITE Centers Corp.	37,790	598,216
STAG Industrial, Inc.	35,100	1,683,396
Summit Hotel Properties, Inc. (A)	23,585	230,190
Sunstone Hotel Investors, Inc. (A)	47,640	558,817
Tanger Factory Outlet Centers, Inc.	22,068	425,471
Terreno Realty Corp.	14,671	1,251,290
The GEO Group, Inc.	25,857	200,392
The Macerich Company	46,453	802,708
UMH Properties, Inc.	9,411	257,203
Uniti Group, Inc.	42,639	597,372
Universal Health Realty Income Trust	3,196	190,066
Urban Edge Properties	25,080	476,520
Urstadt Biddle Properties, Inc., Class A	7,346	156,470
Veris Residential, Inc. (A)	19,789	363,722
Washington Real Estate Investment Trust	18,617	481,249
Whitestone REIT	10,937	110,792
Xenia Hotels & Resorts, Inc. (A)	25,263	457,513
		42,625,601
Real estate management and development – 0.8%		
Cushman & Wakefield PLC (A)	30,156	670,669
Douglas Elliman, Inc. (A)	15,459	177,773
eXp World Holdings, Inc.	13,748	463,170

John Hancock Variable Insurance Trust

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

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Real estate management and development (continued)		
Forestar Group, Inc. (A)	4,284	\$ 93,177
FRP Holdings, Inc. (A)	1,773	102,479
Kennedy-Wilson Holdings, Inc.	25,813	616,414
Marcus & Millichap, Inc. (A)	5,270	271,194
Newmark Group, Inc., Class A	32,633	610,237
RE/MAX Holdings, Inc., Class A	4,356	132,814
Realogy Holdings Corp. (A)	24,556	412,786
Redfin Corp. (A)	22,437	861,356
Tejon Ranch Company (A)	5,037	96,106
The RMR Group, Inc., Class A	3,750	130,050
The St. Joe Company	7,206	375,072
		<u>5,013,297</u>
		47,638,898
Utilities – 2.5%		
Electric utilities – 0.6%		
ALLETE, Inc.	11,153	740,002
MGE Energy, Inc.	7,961	654,792
Otter Tail Corp.	8,782	627,210
PNM Resources, Inc.	17,927	817,650
Portland General Electric Company	18,955	1,003,099
Via Renewables, Inc.	5,509	62,968
		<u>3,905,721</u>
Gas utilities – 0.8%		
Brookfield Infrastructure Corp., Class A	12,333	841,851
Chesapeake Utilities Corp.	3,656	533,081
New Jersey Resources Corp.	20,834	855,444
Northwest Natural Holding Company	6,910	337,070
ONE Gas, Inc.	11,272	874,594
South Jersey Industries, Inc.	22,320	582,998
Southwest Gas Holdings, Inc.	12,226	856,431
Spire, Inc.	10,843	707,180
		<u>5,588,649</u>
Independent power and renewable electricity producers – 0.3%		
Clearway Energy, Inc., Class A	8,463	283,341
Clearway Energy, Inc., Class C	16,778	604,511
Ormat Technologies, Inc.	9,683	767,862
Sunnova Energy International, Inc. (A)	18,610	519,591
		<u>2,175,305</u>
Multi-utilities – 0.4%		
Avista Corp.	15,068	640,239
Black Hills Corp.	13,429	947,685
NorthWestern Corp.	10,944	625,559
Unitil Corp.	3,819	175,636
		<u>2,389,119</u>
Water utilities – 0.4%		
American States Water Company	7,766	803,315
Artesian Resources Corp., Class A	2,741	126,991
California Water Service Group	11,076	795,921
Global Water Resources, Inc.	2,852	48,769
Middlesex Water Company	3,708	446,072
Pure Cycle Corp. (A)	5,830	85,118
SJW Group	6,130	448,716

Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Water utilities (continued)		
The York Water Company	3,343	\$ 166,415
		<u>2,921,317</u>
		16,980,111
TOTAL COMMON STOCKS (Cost \$453,764,675)		\$ 637,503,029
WARRANTS – 0.0%		
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)(B)	668	2,492
TOTAL WARRANTS (Cost \$0)		\$ 2,492
SHORT-TERM INVESTMENTS – 5.1%		
U.S. Government – 0.3%		
U.S. Treasury Bill 0.045%, 02/17/2022 *	\$ 2,000,000	1,999,925
U.S. Government Agency – 3.0%		
Federal Home Loan Bank Discount Note 0.030%, 01/14/2022 *	13,000,000	12,999,960
0.030%, 02/02/2022 *	5,000,000	4,999,917
Tennessee Valley Authority Discount Note 0.031%, 01/12/2022 *	1,850,000	1,849,995
		<u>19,849,872</u>
Short-term funds – 0.9%		
John Hancock Collateral Trust, 0.1697% (E)(F)	612,451	6,126,348
Repurchase agreement – 0.9%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$6,075,000 on 1-3-22, collateralized by \$5,665,300 U.S. Treasury Notes, 2.875% due 5-15-28 (valued at \$6,196,537)	\$ 6,075,000	6,075,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$34,051,731)		\$ 34,051,145
Total Investments (Small Cap Index Trust) (Cost \$487,816,406) – 100.9%		\$ 671,556,666
Other assets and liabilities, net – (0.9%)		(6,302,657)
TOTAL NET ASSETS – 100.0%		\$ 665,254,009

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 12-31-21.
(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)	Strike price and/or expiration date not available.
(E)	The rate shown is the annualized seven-day yield as of 12-31-21.
(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.
*	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 — December 31, 2021 (showing percentage of total net assets)

Small Cap Index Trust (continued)

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Russell 2000 E-Mini Index Futures	269	Long	Mar 2022	\$29,827,164	\$30,165,660	\$338,496
						\$338,496

[^] 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
COMMON STOCKS – 99.4%		
Communication services – 2.2%		
Diversified telecommunication services – 0.4%		
ATN International, Inc.	1,281	\$ 51,176
Consolidated Communications Holdings, Inc. (A)	4,985	37,288
EchoStar Corp., Class A (A)	4,430	116,731
Liberty Latin America, Ltd., Class A (A)	4,204	49,019
Liberty Latin America, Ltd., Class C (A)	11,346	129,344
Lumen Technologies, Inc.	20,570	258,154
		641,712
Entertainment – 0.6%		
Ballantyne Strong, Inc. (A)	1,114	3,219
Liberty Media Corp.-Liberty Formula One, Series A (A)	1,330	78,922
Liberty Media Corp.-Liberty Formula One, Series C (A)	8,584	542,852
Lions Gate Entertainment Corp., Class A (A)	5,809	96,662
Lions Gate Entertainment Corp., Class B (A)	8,534	131,338
Madison Square Garden Entertainment Corp. (A)	1,034	72,732
Reading International, Inc., Class A (A)	1,100	4,444
The Marcus Corp. (A)	2,916	52,080
		982,249
Interactive media and services – 0.2%		
Cars.com, Inc. (A)	5,579	89,766
DHI Group, Inc. (A)	5,212	32,523
j2 Global, Inc. (A)	654	72,502
QuinStreet, Inc. (A)	1,887	34,325
Yelp, Inc. (A)	1,685	61,064
		290,180
Media – 0.9%		
AMC Networks, Inc., Class A (A)	1,328	45,736
Audacy, Inc. (A)	6,702	17,224
Beasley Broadcast Group, Inc., Class A (A)	502	949
Boston Omaha Corp., Class A (A)	1,631	46,859
comScore, Inc. (A)	2,845	9,502
DallasNews Corp.	1,059	7,614
Entravision Communications Corp., Class A	5,075	34,409
Fluent, Inc. (A)	5,600	11,144
Gannett Company, Inc. (A)	7,195	38,349
Gray Television, Inc.	6,546	131,967
Hemisphere Media Group, Inc. (A)	951	6,914
John Wiley & Sons, Inc., Class A	1,937	110,932
Loyalty Ventures, Inc. (A)	909	27,334
News Corp., Class A	13,143	293,220

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Media (continued)		
News Corp., Class B	6,557	\$ 147,533
Nexstar Media Group, Inc., Class A	1,859	280,672
Scholastic Corp.	1,876	74,965
TEGNA, Inc.	8,149	151,245
The EW Scripps Company, Class A (A)	5,843	113,062
The Interpublic Group of Companies, Inc.	422	15,804
		1,565,434
Wireless telecommunication services – 0.1%		
Spok Holdings, Inc.	3,863	36,042
Telephone & Data Systems, Inc.	7,131	143,690
United States Cellular Corp. (A)	2,570	81,006
		260,738
		3,740,313
Consumer discretionary – 14.2%		
Auto components – 2.7%		
Adient PLC (A)	3,399	162,744
American Axle & Manufacturing Holdings, Inc. (A)	6,125	57,146
Autoliv, Inc.	4,789	495,230
BorgWarner, Inc.	12,039	542,598
Cooper-Standard Holdings, Inc. (A)	1,311	29,380
Dana, Inc.	8,889	202,847
Dorman Products, Inc. (A)	4,539	512,952
Fox Factory Holding Corp. (A)	8,393	1,427,649
Gentherm, Inc. (A)	162	14,078
LCI Industries	237	36,941
Lear Corp.	1,769	323,639
Modine Manufacturing Company (A)	4,925	49,693
Motorcar Parts of America, Inc. (A)	1,585	27,056
Patrick Industries, Inc.	647	52,206
Standard Motor Products, Inc.	1,901	99,593
Stoneridge, Inc. (A)	1,672	33,005
Strattec Security Corp. (A)	924	34,206
The Goodyear Tire & Rubber Company (A)	17,683	377,002
		4,477,965
Automobiles – 0.2%		
Harley-Davidson, Inc.	3,482	131,237
Thor Industries, Inc.	1,759	182,531
Winnebago Industries, Inc.	1,123	84,135
		397,903
Distributors – 0.0%		
Weyco Group, Inc.	1,316	31,505
Diversified consumer services – 1.0%		
Adtalem Global Education, Inc. (A)	3,782	111,796
American Public Education, Inc. (A)	1,450	32,263
Carriage Services, Inc.	1,797	115,799
Graham Holdings Company, Class B	347	218,551

John Hancock Variable Insurance Trust

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Diversified consumer services (continued)		
Grand Canyon Education, Inc. (A)	8,453	\$ 724,507
Houghton Mifflin Harcourt Company (A)	5,833	93,911
Laureate Education, Inc., Class A	3,940	48,226
Lincoln Educational Services Corp. (A)	1,100	8,217
OneSpaWorld Holdings, Ltd. (A)	3,242	32,485
Perdoceo Education Corp. (A)	5,378	63,245
Stride, Inc. (A)	2,888	96,257
Terminix Global Holdings, Inc. (A)	2,263	102,355
Universal Technical Institute, Inc. (A)	3,087	24,140
Zovio, Inc. (A)	3,463	4,398
		1,676,150
Hotels, restaurants and leisure – 1.3%		
Ark Restaurants Corp. (A)	64	1,066
Biglari Holdings, Inc., Class A (A)	3	2,085
Biglari Holdings, Inc., Class B (A)	102	14,542
Bluegreen Vacations Holding Corp. (A)	348	12,215
Carrols Restaurant Group, Inc.	1,688	4,996
Churchill Downs, Inc.	3,149	758,594
Chuy's Holdings, Inc. (A)	18,916	569,750
Del Taco Restaurants, Inc.	2,438	30,353
El Pollo Loco Holdings, Inc. (A)	2,613	37,078
Fiesta Restaurant Group, Inc. (A)	1,348	14,841
Krispy Kreme, Inc.	26,675	504,691
Marriott Vacations Worldwide Corp.	466	78,745
Monarch Casino & Resort, Inc. (A)	1,074	79,422
Playa Hotels & Resorts NV (A)	2,743	21,889
RCI Hospitality Holdings, Inc.	396	30,840
		2,161,107
Household durables – 2.9%		
Bassett Furniture Industries, Inc.	1,234	20,694
Beazer Homes USA, Inc. (A)	1,614	37,477
Cavco Industries, Inc. (A)	510	162,002
Century Communities, Inc.	1,378	112,707
Ethan Allen Interiors, Inc.	1,706	44,851
Flexsteel Industries, Inc.	1,118	30,029
Green Brick Partners, Inc. (A)	900	27,297
Hooker Furnishings Corp.	1,821	42,393
iRobot Corp. (A)	743	48,949
KB Home	6,043	270,303
La-Z-Boy, Inc.	3,039	110,346
Legacy Housing Corp. (A)	585	15,485
LGI Homes, Inc. (A)	1,066	164,676
Lifetime Brands, Inc.	2,931	46,808
M/I Homes, Inc. (A)	2,195	136,485
MDC Holdings, Inc.	4,059	226,614
Meritage Homes Corp. (A)	2,251	274,757
Mohawk Industries, Inc. (A)	3,344	609,210
Newell Brands, Inc.	3,701	80,830
PulteGroup, Inc.	8,788	502,322
Taylor Morrison Home Corp. (A)	6,235	217,976
Toll Brothers, Inc.	8,961	648,687
TopBuild Corp. (A)	2,108	581,618
Tri Pointe Homes, Inc. (A)	9,765	272,346
Universal Electronics, Inc. (A)	745	30,359
VOXX International Corp. (A)	3,131	31,842
Whirlpool Corp.	98	22,997
		4,770,060
Internet and direct marketing retail – 0.1%		
1-800-Flowers.com, Inc., Class A (A)	890	20,799
Lands' End, Inc. (A)	1,503	29,504
Qurate Retail, Inc., Series A	22,636	172,034
		222,337
Leisure products – 0.3%		
Acushnet Holdings Corp.	3,926	208,392

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Leisure products (continued)		
American Outdoor Brands, Inc. (A)	614	\$ 12,237
Callaway Golf Company (A)	392	10,756
Escalade, Inc.	3,529	55,723
Johnson Outdoors, Inc., Class A	766	71,767
Nautilus, Inc. (A)	1,580	9,685
Smith & Wesson Brands, Inc.	859	15,290
Vista Outdoor, Inc. (A)	3,182	146,595
		530,445
Multiline retail – 1.0%		
Big Lots, Inc.	2,327	104,831
Dillard's, Inc., Class A (B)	2,339	573,102
Franchise Group, Inc.	300	15,648
Kohl's Corp.	8,128	401,442
Macy's, Inc.	12,243	320,522
Ollie's Bargain Outlet Holdings, Inc. (A)	5,254	268,952
		1,684,497
Specialty retail – 3.8%		
Abercrombie & Fitch Company, Class A (A)	4,970	173,105
American Eagle Outfitters, Inc. (B)	6,833	173,012
America's Car-Mart, Inc. (A)	338	34,611
Asbury Automotive Group, Inc. (A)	997	172,212
AutoNation, Inc. (A)	5,555	649,102
Barnes & Noble Education, Inc. (A)	4,024	27,403
Bed Bath & Beyond, Inc. (A)	1,739	25,355
Big 5 Sporting Goods Corp. (B)	2,004	38,096
Boot Barn Holdings, Inc. (A)	2,080	255,944
Build-A-Bear Workshop, Inc.	2,470	48,214
Chico's FAS, Inc. (A)	8,871	47,726
Citi Trends, Inc. (A)	672	63,672
Conn's, Inc. (A)	2,177	51,203
Dick's Sporting Goods, Inc.	2,512	288,855
Five Below, Inc. (A)	3,832	792,802
Foot Locker, Inc.	4,562	199,040
Genesco, Inc. (A)	1,311	84,127
Group 1 Automotive, Inc.	1,593	310,985
Guess?, Inc.	5,350	126,688
Haverty Furniture Companies, Inc.	1,613	49,309
Hibbett, Inc.	1,098	78,979
Lithia Motors, Inc.	3,196	949,052
Lumber Liquidators Holdings, Inc. (A)	1,480	25,264
MarineMax, Inc. (A)	2,016	119,025
Monro, Inc.	1,145	66,719
Penske Automotive Group, Inc.	4,213	451,718
Rent-A-Center, Inc.	418	20,081
Shoe Carnival, Inc.	2,304	90,040
Signet Jewelers, Ltd.	3,675	319,835
Sonic Automotive, Inc., Class A	1,522	75,263
The Aaron's Company, Inc.	1,356	33,425
The Buckle, Inc.	296	12,524
The Cato Corp., Class A	1,957	33,582
The Container Store Group, Inc. (A)	2,221	22,166
The Gap, Inc.	1,861	32,847
The ODP Corp. (A)	3,276	128,681
Tilly's, Inc., Class A	712	11,470
Urban Outfitters, Inc. (A)	4,015	117,880
Zumiez, Inc. (A)	1,822	87,438
		6,287,450
Textiles, apparel and luxury goods – 0.9%		
Capri Holdings, Ltd. (A)	3,763	244,256
Culp, Inc.	334	3,176
Delta Apparel, Inc. (A)	500	14,870
Fossil Group, Inc. (A)	3,231	33,247
G-III Apparel Group, Ltd. (A)	3,404	94,087

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Textiles, apparel and luxury goods (continued)		
Lakeland Industries, Inc. (A)	1,110	\$ 24,087
Movado Group, Inc.	1,758	73,537
Oxford Industries, Inc.	4,559	462,830
PVH Corp.	3,196	340,853
Ralph Lauren Corp.	189	22,465
Rocky Brands, Inc.	802	31,920
Superior Group of Companies, Inc.	663	14,546
Tapestry, Inc.	1,440	58,464
Unifi, Inc. (A)	2,453	56,787
Vera Bradley, Inc. (A)	2,034	17,309
		1,492,434
		23,731,853
Consumer staples – 4.3%		
Beverages – 0.3%		
MGP Ingredients, Inc.	571	48,529
Molson Coors Beverage Company, Class B	10,060	466,281
		514,810
Food and staples retailing – 1.3%		
Casey's General Stores, Inc.	162	31,971
Grocery Outlet Holding Corp. (A)	1,730	48,924
Ingles Markets, Inc., Class A	1,895	163,614
Natural Grocers by Vitamin Cottage, Inc.	1,014	14,450
Performance Food Group Company (A)	12,652	580,600
PriceSmart, Inc.	4,293	314,119
Rite Aid Corp. (A)(B)	3,864	56,762
SpartanNash Company	3,523	90,752
Sprouts Farmers Market, Inc. (A)	4,445	131,928
The Andersons, Inc.	3,384	130,995
U.S. Foods Holding Corp. (A)	7,411	258,125
United Natural Foods, Inc. (A)	4,429	217,375
Village Super Market, Inc., Class A	685	16,022
Weis Markets, Inc.	2,371	156,201
		2,211,838
Food products – 2.2%		
Alico, Inc.	341	12,627
B&G Foods, Inc. (B)	1,941	59,647
Bunge, Ltd.	7,506	700,760
Cal-Maine Foods, Inc.	1,161	42,945
Campbell Soup Company	2,425	105,391
Darling Ingredients, Inc. (A)	5,430	376,245
Farmer Brothers Company (A)	1,069	7,964
Fresh Del Monte Produce, Inc.	2,635	72,726
Hostess Brands, Inc. (A)	4,123	84,192
Ingredion, Inc.	3,117	301,227
J&J Snack Foods Corp.	853	134,740
John B. Sanfilippo & Son, Inc.	400	36,064
Landec Corp. (A)	3,130	34,743
Limoneira Company	199	2,985
Pilgrim's Pride Corp. (A)	4,322	121,880
Post Holdings, Inc. (A)	3,484	392,751
Sanderson Farms, Inc.	1,082	206,749
Seaboard Corp.	52	204,621
Seneca Foods Corp., Class A (A)	1,409	67,562
The Hain Celestial Group, Inc. (A)	3,255	138,696
The J.M. Smucker Company	2,696	366,171
The Simply Good Foods Company (A)	1,707	70,960
Tootsie Roll Industries, Inc.	1,396	50,577
TreeHouse Foods, Inc. (A)	1,806	73,197
		3,665,420
Household products – 0.2%		
Central Garden & Pet Company (A)	1,553	81,734
Central Garden & Pet Company, Class A (A)	3,288	157,331

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Household products (continued)		
Oil-Dri Corp. of America	531	\$ 17,380
Spectrum Brands Holdings, Inc.	1,089	110,773
		367,218
Personal products – 0.2%		
Edgewell Personal Care Company	3,300	150,843
Natural Alternatives International, Inc. (A)	200	2,528
Nature's Sunshine Products, Inc.	1,118	20,683
Nu Skin Enterprises, Inc., Class A	2,131	108,148
		282,202
Tobacco – 0.1%		
Universal Corp.	1,975	108,467
		7,149,955
Energy – 5.1%		
Energy equipment and services – 0.8%		
Archrock, Inc.	10,702	80,051
Bristow Group, Inc. (A)	337	10,673
ChampionX Corp. (A)	7,217	145,856
Dawson Geophysical Company (A)	3,948	9,140
Dril-Quip, Inc. (A)	2,386	46,956
Expro Group Holdings NV (A)	2,209	31,699
Exterran Corp. (A)	4,737	14,116
Geospace Technologies Corp. (A)	516	3,468
Gulf Island Fabrication, Inc. (A)	3,019	12,106
Helix Energy Solutions Group, Inc. (A)	12,029	37,530
Helmerich & Payne, Inc.	4,237	100,417
Liberty Oilfield Services, Inc., Class A (A)	9,594	93,062
Nabors Industries, Ltd. (A)	597	48,411
National Energy Services Reunited Corp. (A)	3,117	29,456
Natural Gas Services Group, Inc. (A)	2,620	27,431
Newpark Resources, Inc. (A)	6,750	19,845
NexTier Oilfield Solutions, Inc. (A)	11,003	39,061
NOV, Inc.	2,128	28,834
Oceaneering International, Inc. (A)	5,817	65,790
Oil States International, Inc. (A)	4,041	20,084
Patterson-UTI Energy, Inc.	12,012	101,501
ProPetro Holding Corp. (A)	7,061	57,194
RPC, Inc. (A)	12,691	57,617
SEACOR Marine Holdings, Inc. (A)	2,432	8,269
Select Energy Services, Inc., Class A (A)	5,093	31,729
Technip Energies NV, ADR (A)	2,809	40,731
TechnipFMC PLC (A)	20,822	123,266
Tidewater, Inc. (A)	2,791	29,892
Transocean, Ltd. (A)(B)	13,252	36,576
U.S. Silica Holdings, Inc. (A)	4,282	40,251
		1,391,012
Oil, gas and consumable fuels – 4.3%		
Adams Resources & Energy, Inc.	724	20,134
Antero Midstream Corp.	21,451	207,646
Antero Resources Corp. (A)	20,791	363,843
APA Corp.	368	9,896
Ardmore Shipping Corp. (A)	1,174	3,968
Berry Corp.	3,197	26,919
Callon Petroleum Company (A)	1,879	88,783
Centennial Resource Development, Inc., Class A (A)	11,699	69,960
Chesapeake Energy Corp.	564	36,389
Civitas Resources, Inc.	1,183	57,932
Clean Energy Fuels Corp. (A)	9,682	59,351
CNX Resources Corp. (A)	15,258	209,798
Comstock Resources, Inc. (A)	12,010	97,161
CONSOL Energy, Inc. (A)	4,596	104,375
Continental Resources, Inc.	8,416	376,700

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Coterra Energy, Inc.	11,436	\$ 217,284
CVR Energy, Inc.	1,951	32,796
Delek US Holdings, Inc. (A)	5,312	79,627
Denbury, Inc. (A)	2,036	155,937
DHT Holdings, Inc.	10,864	56,384
Dorian LPG, Ltd.	3,417	43,362
Earthstone Energy, Inc., Class A (A)	1,600	17,504
EnLink Midstream LLC (A)	15,546	107,112
EQT Corp. (A)	13,550	295,526
Equitrans Midstream Corp.	25,675	265,480
Green Plains, Inc. (A)	5,268	183,116
HollyFrontier Corp.	8,800	288,464
International Seaways, Inc.	2,070	30,388
Kosmos Energy, Ltd. (A)	21,319	73,764
Laredo Petroleum, Inc. (A)	56	3,367
Magnolia Oil & Gas Corp., Class A	38,563	727,684
Marathon Oil Corp.	42,707	701,249
Matador Resources Company	5,228	193,018
Murphy Oil Corp.	10,625	277,419
NACCO Industries, Inc., Class A	700	25,403
Nordic American Tankers, Ltd.	2,259	3,818
Overseas Shipholding Group, Inc., Class A (A)	5,561	10,455
PBF Energy, Inc., Class A (A)	7,833	101,594
PDC Energy, Inc.	6,240	304,387
Peabody Energy Corp. (A)	6,070	61,125
PHX Minerals, Inc.	557	1,209
Range Resources Corp. (A)	11,263	200,819
Ranger Oil Corp., Class A (A)	651	17,525
Renewable Energy Group, Inc. (A)	3,442	146,078
REX American Resources Corp. (A)	429	41,184
SandRidge Energy, Inc. (A)	1,746	18,263
Scorpio Tankers, Inc.	2,441	31,269
SFL Corp., Ltd.	10,526	85,787
SilverBow Resources, Inc. (A)	324	7,053
SM Energy Company	5,199	153,267
Talos Energy, Inc. (A)	5,072	49,706
Targa Resources Corp.	2,689	140,473
Teekay Corp. (A)	286	898
Teekay Tankers, Ltd., Class A (A)	2,780	30,302
Whiting Petroleum Corp. (A)	2,713	175,477
World Fuel Services Corp.	3,166	83,804
		<u>7,172,232</u>
		8,563,244
Financials – 20.9%		
Banks – 11.7%		
1st Source Corp.	2,092	103,763
Allegiance Bancshares, Inc.	604	25,495
Amerant Bancorp, Inc.	686	23,701
American National Bancshares, Inc.	991	37,341
Ameris Bancorp	15,399	765,022
Arrow Financial Corp.	1,085	38,225
Associated Banc-Corp.	14,499	327,532
Atlantic Capital Bancshares, Inc. (A)	1,267	36,452
Atlantic Union Bankshares Corp.	13,813	515,087
Banc of California, Inc.	5,646	110,775
Bank of Marin Bancorp	2,443	90,953
Bank OZK	8,966	417,188
BankFinancial Corp.	2,146	22,898
BankUnited, Inc.	3,257	137,804
Banner Corp.	3,379	205,004
Bar Harbor Bankshares	1,690	48,892
BCB Bancorp, Inc.	1,477	22,790
Berkshire Hills Bancorp, Inc.	3,539	100,614
BOK Financial Corp.	4,528	477,659

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Brookline Bancorp, Inc.	6,310	\$ 102,159
Bryn Mawr Bank Corp.	1,669	75,122
Business First Bancshares, Inc.	500	14,155
Byline Bancorp, Inc.	1,183	32,355
C&F Financial Corp.	627	32,096
Cadence Bank	8,890	264,833
Cambridge Bancorp	121	11,324
Camden National Corp.	1,722	82,932
Capital City Bank Group, Inc.	1,865	49,236
Capstar Financial Holdings, Inc.	600	12,618
Cathay General Bancorp	2,466	106,013
CBTX, Inc.	807	23,403
Central Pacific Financial Corp.	2,460	69,298
Chemung Financial Corp.	723	33,099
CIT Group, Inc.	3,539	181,692
Citizens & Northern Corp.	500	13,060
City Holding Company	400	32,716
Civista Bancshares, Inc.	1,114	27,182
CNB Financial Corp.	1,562	41,393
Columbia Banking System, Inc.	4,210	137,751
Comerica, Inc.	4,267	371,229
Community Trust Bancorp, Inc.	1,347	58,743
ConnectOne Bancorp, Inc.	1,273	41,640
CrossFirst Bankshares, Inc. (A)	1,824	28,473
Customers Bancorp, Inc. (A)	2,568	167,870
CVB Financial Corp.	3,612	77,333
Dime Community Bankshares, Inc.	3,390	119,192
Eagle Bancorp, Inc.	1,290	75,259
Enterprise Bancorp, Inc.	246	11,050
Enterprise Financial Services Corp.	1,485	69,929
Equity Bancshares, Inc., Class A	1,097	37,221
FB Financial Corp.	1,189	52,102
Financial Institutions, Inc.	1,481	47,096
First Bancorp (North Carolina)	2,905	132,817
First Bancorp (Puerto Rico)	14,979	206,411
First Bank	900	13,059
First Busey Corp.	2,457	66,634
First Business Financial Services, Inc.	1,366	39,846
First Commonwealth Financial Corp.	8,341	134,207
First Community Bankshares, Inc.	2,201	73,557
First Financial Bancorp	7,516	183,240
First Financial Corp.	1,432	64,855
First Financial Northwest, Inc.	1,100	17,787
First Foundation, Inc.	1,677	41,690
First Hawaiian, Inc.	5,863	160,236
First Horizon Corp.	25,469	415,909
First Internet Bancorp	777	36,550
First Interstate BancSystem, Inc., Class A	1,946	79,144
First Merchants Corp.	4,369	183,017
First Mid Bancshares, Inc.	349	14,934
First Midwest Bancorp, Inc.	6,300	129,024
First Northwest Bancorp	800	16,184
Flushing Financial Corp.	2,921	70,980
FNB Corp.	16,986	206,040
Fulton Financial Corp.	11,240	191,080
German American Bancorp, Inc.	755	29,430
Great Southern Bancorp, Inc.	1,117	66,182
Great Western Bancorp, Inc.	3,019	102,525
Guaranty Bancshares, Inc.	293	11,011
Hancock Whitney Corp.	7,556	377,951
Hanmi Financial Corp.	3,082	72,982
HarborOne Bancorp, Inc.	4,217	62,580
Heartland Financial USA, Inc.	2,428	122,881
Heritage Commerce Corp.	3,825	45,671
Heritage Financial Corp.	1,981	48,416

John Hancock Variable Insurance Trust

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Hilltop Holdings, Inc.	4,528	\$ 159,114
Home BancShares, Inc.	1,178	28,684
HomeStreet, Inc.	1,802	93,704
HomeTrust Bancshares, Inc.	560	17,349
Hope Bancorp, Inc.	10,431	153,440
Horizon Bancorp, Inc.	3,849	80,252
Independent Bank Corp. (Massachusetts)	1,190	97,021
Independent Bank Corp. (Michigan)	1,806	43,109
Independent Bank Group, Inc.	1,953	140,909
International Bancshares Corp.	4,680	198,385
Investar Holding Corp.	500	9,205
Investors Bancorp, Inc.	18,672	282,881
Lakeland Bancorp, Inc.	3,580	67,984
LCNB Corp.	600	11,718
Macatawa Bank Corp.	5,091	44,903
Mercantile Bank Corp.	1,666	58,360
Meta Financial Group, Inc.	2,595	154,818
Metropolitan Bank Holding Corp. (A)	456	48,578
Midland States Bancorp, Inc.	1,070	26,525
MidWestOne Financial Group, Inc.	1,343	43,473
MVB Financial Corp.	300	12,456
National Bank Holdings Corp., Class A	1,336	58,704
National Bankshares, Inc.	622	22,554
NBT Bancorp, Inc.	2,964	114,173
Nicolet Bankshares, Inc. (A)	565	48,449
Northeast Bank	770	27,512
Northrim BanCorp, Inc.	1,530	66,494
Norwood Financial Corp.	1,188	30,876
OceanFirst Financial Corp.	1,393	30,925
OFG Bancorp	4,124	109,533
Old National Bancorp	10,998	199,284
Old Second Bancorp, Inc.	2,721	34,257
Origin Bancorp, Inc.	1,115	47,856
Orrstown Financial Services, Inc.	500	12,600
Pacific Premier Bancorp, Inc.	3,858	154,436
PacWest Bancorp	6,109	275,944
Park National Corp.	139	19,086
Peapack-Gladstone Financial Corp.	1,625	57,525
Penns Woods Bancorp, Inc.	1,188	28,001
Peoples Bancorp, Inc.	3,445	109,585
People's United Financial, Inc.	22,779	405,922
Pinnacle Financial Partners, Inc.	9,825	938,288
Popular, Inc.	5,455	447,528
Preferred Bank	589	42,284
Primis Financial Corp.	3,850	57,904
Prosperity Bancshares, Inc.	5,378	388,829
QCR Holdings, Inc.	1,211	67,816
RBB Bancorp	1,075	28,165
Reliant Bancorp, Inc.	400	14,200
Renasant Corp.	3,529	133,926
Republic Bancorp, Inc., Class A	1,449	73,667
Republic First Bancorp, Inc. (A)	2,700	10,044
S&T Bancorp, Inc.	3,436	108,303
Sandy Spring Bancorp, Inc.	2,800	134,624
Seacoast Banking Corp. of Florida	1,753	62,039
Shore Bancshares, Inc.	2,225	46,391
Sierra Bancorp	1,759	47,757
Simmons First National Corp., Class A	5,235	154,851
SmartFinancial, Inc.	500	13,680
Southern First Bancshares, Inc. (A)	537	33,557
Southside Bancshares, Inc.	374	15,641
SouthState Corp.	2,447	196,029
Spirit of Texas Bancshares, Inc.	500	14,390
Sterling Bancorp	10,264	264,709
Synovus Financial Corp.	3,170	151,748

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Texas Capital Bancshares, Inc. (A)	2,286	\$ 137,732
The Bancorp, Inc. (A)	3,253	82,333
The Bank of NT Butterfield & Son, Ltd.	445	16,959
The Community Financial Corp.	300	11,793
The First Bancorp, Inc.	1,769	55,547
The First Bancshares, Inc.	1,011	39,045
The First of Long Island Corp.	1,039	22,432
Towne Bank	3,708	117,136
TriCo Bancshares	721	30,974
TriState Capital Holdings, Inc. (A)	2,342	70,869
Triumph Bancorp, Inc. (A)	617	73,472
Trustmark Corp.	4,932	160,093
UMB Financial Corp.	789	83,721
Umpqua Holdings Corp.	11,863	228,244
United Bankshares, Inc.	7,106	257,806
United Community Banks, Inc.	4,271	153,500
Univest Financial Corp.	2,067	61,845
Valley National Bancorp	23,485	322,919
Veritex Holdings, Inc.	1,384	55,056
Washington Trust Bancorp, Inc.	1,035	58,343
Webster Financial Corp.	466	26,021
WesBanco, Inc.	5,027	175,895
Westamerica BanCorp	169	9,756
Wintrust Financial Corp.	3,040	276,093
Zions Bancorp NA	8,295	523,912
		19,548,049
Capital markets – 1.8%		
Blucora, Inc. (A)	4,863	84,227
Cowen, Inc., Class A	2,484	89,672
Houlihan Lokey, Inc.	5,324	551,140
Invesco, Ltd.	24,463	563,138
Janus Henderson Group PLC	6,521	273,491
Jefferies Financial Group, Inc.	9,310	361,228
Oppenheimer Holdings, Inc., Class A	1,674	77,623
PJT Partners, Inc., Class A	6,123	453,653
Stifel Financial Corp.	7,688	541,389
StoneX Group, Inc. (A)	1,346	82,443
		3,078,004
Consumer finance – 0.9%		
Encore Capital Group, Inc. (A)	1,949	121,052
Enova International, Inc. (A)	1,321	54,108
EZCORP, Inc., Class A (A)	3,087	22,751
Navient Corp.	15,325	325,197
Nelnet, Inc., Class A	2,648	258,657
Nicholas Financial, Inc. (A)	75	884
PRA Group, Inc. (A)	2,487	124,872
Regional Management Corp.	573	32,925
Santander Consumer USA Holdings, Inc.	15,045	632,191
		1,572,637
Diversified financial services – 0.4%		
California First Leasing Corp.	880	15,840
Cannae Holdings, Inc. (A)	3,225	113,359
Equitable Holdings, Inc.	1,531	50,201
Marlin Business Services Corp.	1,698	39,529
Voya Financial, Inc.	6,477	429,490
		648,419
Insurance – 4.7%		
Alleghany Corp. (A)	918	612,848
Ambac Financial Group, Inc. (A)	1,536	24,653
American Equity Investment Life Holding Company	7,384	287,385
American Financial Group, Inc.	513	70,445
American National Group, Inc.	1,352	255,312
Argo Group International Holdings, Ltd.	2,597	150,912

John Hancock Variable Insurance Trust

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Insurance (continued)		
Assured Guaranty, Ltd.	5,779	\$ 290,106
Athene Holding, Ltd., Class A (A)	9,251	770,886
Axis Capital Holdings, Ltd.	4,518	246,095
Brighthouse Financial, Inc. (A)	2,584	133,851
CNA Financial Corp.	1,354	59,684
CNO Financial Group, Inc.	7,507	178,967
Donegal Group, Inc., Class A	2,876	41,098
Employers Holdings, Inc.	2,283	94,471
Enstar Group, Ltd. (A)	824	204,014
Everest Re Group, Ltd.	2,137	585,367
FedNat Holding Company (A)	1,090	1,537
Fidelity National Financial, Inc.	2,998	156,436
First American Financial Corp.	3,274	256,125
Genworth Financial, Inc., Class A (A)	14,291	57,879
Global Indemnity Group LLC, Class A	1,190	29,905
Globe Life, Inc.	1,689	158,293
Greenlight Capital Re, Ltd., Class A (A)	2,616	20,509
Hallmark Financial Services, Inc. (A)	4,008	17,435
Heritage Insurance Holdings, Inc.	657	3,863
Horace Mann Educators Corp.	3,303	127,826
Independence Holding Company	303	17,174
Investors Title Company	189	37,261
James River Group Holdings, Ltd.	73	2,103
Kemper Corp.	2,781	163,495
Lincoln National Corp.	8,094	552,496
MBIA, Inc. (A)	4,333	68,418
Mercury General Corp.	1,495	79,325
National Western Life Group, Inc., Class A	221	47,391
Old Republic International Corp.	13,924	342,252
ProAssurance Corp.	2,566	64,920
Reinsurance Group of America, Inc.	3,624	396,792
RenaissanceRe Holdings, Ltd.	1,784	302,085
Safety Insurance Group, Inc.	612	52,038
SiriusPoint, Ltd. (A)	2,292	18,634
State Auto Financial Corp.	3,187	164,736
Stewart Information Services Corp.	1,817	144,869
Tiptree, Inc.	2,600	35,958
United Fire Group, Inc.	1,897	43,991
United Insurance Holdings Corp.	5,283	22,928
Universal Insurance Holdings, Inc.	2,200	37,400
Unum Group	10,883	267,395
White Mountains Insurance Group, Ltd.	168	170,335
		7,867,898
Thriffs and mortgage finance – 1.4%		
Capitol Federal Financial, Inc.	11,378	128,913
ESSA Bancorp, Inc.	897	15,545
Federal Agricultural Mortgage Corp., Class C	594	73,614
Flagstar Bancorp, Inc.	3,861	185,096
FS Bancorp, Inc.	400	13,452
Home Bancorp, Inc.	902	37,442
Kearny Financial Corp.	5,361	71,033
Merchants Bancorp	341	16,140
MGIC Investment Corp.	9,993	144,099
Mr. Cooper Group, Inc. (A)	3,087	128,450
New York Community Bancorp, Inc.	24,244	296,019
NMI Holdings, Inc., Class A (A)	2,152	47,021
Northfield Bancorp, Inc.	4,119	66,563
Northwest Bancshares, Inc.	7,430	105,209
OP Bancorp	1,000	12,760
Premier Financial Corp.	1,989	61,480
Provident Financial Holdings, Inc.	1,778	29,426
Provident Financial Services, Inc.	4,010	97,122
Prudential Bancorp, Inc.	1,696	23,032
Radian Group, Inc.	10,338	218,442

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Thriffs and mortgage finance (continued)		
Riverview Bancorp, Inc.	5,483	\$ 42,164
Southern Missouri Bancorp, Inc.	1,012	52,796
Territorial Bancorp, Inc.	1,722	43,481
TrustCo Bank Corp. NY	1,826	60,824
Washington Federal, Inc.	3,303	110,254
Waterstone Financial, Inc.	3,099	67,744
Western New England Bancorp, Inc.	4,739	41,514
WSFS Financial Corp.	2,604	130,512
		2,320,147
		35,035,154
Health care – 11.5%		
Biotechnology – 3.2%		
Achillion Pharmaceuticals, Inc. (A)(C)	10,940	16,452
Agius Pharmaceuticals, Inc. (A)	229	7,527
Akebia Therapeutics, Inc. (A)	11,211	25,337
Albireo Pharma, Inc. (A)	21,350	497,242
Alkermes PLC (A)	2,813	65,430
AnaptysBio, Inc. (A)	1,489	51,743
Anika Therapeutics, Inc. (A)	533	19,097
Biohaven Pharmaceutical Holding Company, Ltd. (A)	4,766	656,802
Catalyst Pharmaceuticals, Inc. (A)	2,300	15,571
ChemoCentryx, Inc. (A)	13,500	491,535
Concert Pharmaceuticals, Inc. (A)	1,198	3,774
Eagle Pharmaceuticals, Inc. (A)	236	12,017
Emergent BioSolutions, Inc. (A)	495	21,518
Enanta Pharmaceuticals, Inc. (A)	279	20,864
Halozyne Therapeutics, Inc. (A)	18,345	737,652
Insmmed, Inc. (A)	17,845	486,098
Ligand Pharmaceuticals, Inc. (A)	122	18,844
Myriad Genetics, Inc. (A)	1,132	31,243
OPKO Health, Inc. (A)	2,204	10,601
Oyster Point Pharma, Inc. (A)	23,805	434,679
PDL BioPharma, Inc. (A)(C)	5,434	9,727
Traverse Therapeutics, Inc. (A)	17,232	534,881
United Therapeutics Corp. (A)	467	100,909
Vanda Pharmaceuticals, Inc. (A)	3,697	58,006
Veracyte, Inc. (A)	9,038	372,366
Vericel Corp. (A)	16,002	628,879
		5,328,794
Health care equipment and supplies – 2.9%		
AngioDynamics, Inc. (A)	3,198	88,201
AtriCure, Inc. (A)	10,168	706,981
Avanos Medical, Inc. (A)	3,807	131,989
Cardiovascular Systems, Inc. (A)	13,034	244,779
CryoLife, Inc. (A)	17,303	352,116
CryoPort, Inc. (A)	9,110	539,039
Envista Holdings Corp. (A)	8,580	386,615
FONAR Corp. (A)	463	6,936
Globus Medical, Inc., Class A (A)	10,757	776,655
ICU Medical, Inc. (A)	2,043	484,886
Inogen, Inc. (A)	200	6,800
Integer Holdings Corp. (A)	2,433	208,240
Integra LifeSciences Holdings Corp. (A)	8,591	575,511
IntriCon Corp. (A)	519	8,392
Invacare Corp. (A)	3,396	9,237
Kewaunee Scientific Corp. (A)	83	1,057
LENZAR, Inc. (A)	783	4,667
Meridian Bioscience, Inc. (A)	2,202	44,921
Merit Medical Systems, Inc. (A)	691	43,049
Natus Medical, Inc. (A)	1,669	39,605
NuVasive, Inc. (A)	1,932	101,391
Orthofix Medical, Inc. (A)	541	16,820
Surgalign Holdings, Inc. (A)	4,931	3,533

John Hancock Variable Insurance Trust

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Utah Medical Products, Inc.	289	\$ 28,900
Varex Imaging Corp. (A)	1,166	36,787
		4,847,107
Health care providers and services – 2.5%		
Acadia Healthcare Company, Inc. (A)	15,182	921,547
Addus HomeCare Corp. (A)	448	41,892
Brookdale Senior Living, Inc. (A)	12,258	63,251
Castle Biosciences, Inc. (A)	8,398	360,022
Covetrus, Inc. (A)	5,548	110,794
Cross Country Healthcare, Inc. (A)	2,734	75,896
Encompass Health Corp.	160	10,442
Five Star Senior Living, Inc. (A)	2,100	6,195
HealthEquity, Inc. (A)	8,642	382,322
LHC Group, Inc. (A)	3,685	505,693
Magellan Health, Inc. (A)	902	85,681
MEDNAX, Inc. (A)	5,689	154,798
National HealthCare Corp.	1,428	97,018
Option Care Health, Inc. (A)	4,058	115,410
Owens & Minor, Inc.	3,760	163,560
Patterson Companies, Inc.	3,536	103,782
Premier, Inc., Class A	5,310	218,613
Select Medical Holdings Corp.	1,122	32,987
Star Equity Holdings, Inc. (A)	310	791
Triple-S Management Corp. (A)	2,760	98,477
Universal Health Services, Inc., Class B	2,878	373,161
US Physical Therapy, Inc.	3,604	344,362
		4,266,694
Health care technology – 0.2%		
Allscripts Healthcare Solutions, Inc. (A)	10,106	186,456
HealthStream, Inc. (A)	1,969	51,903
NextGen Healthcare, Inc. (A)	2,165	38,515
		276,874
Life sciences tools and services – 1.0%		
Harvard Bioscience, Inc. (A)	5,200	36,660
Medpace Holdings, Inc. (A)	4,213	916,917
Syneos Health, Inc. (A)	7,411	760,961
		1,714,538
Pharmaceuticals – 1.7%		
Amphastar Pharmaceuticals, Inc. (A)	600	13,974
ANI Pharmaceuticals, Inc. (A)	400	18,432
BioDelivery Sciences International, Inc. (A)	6,044	18,736
Cara Therapeutics, Inc. (A)	2,825	34,409
Cumberland Pharmaceuticals, Inc. (A)	956	4,465
Elanco Animal Health, Inc. (A)	831	23,584
Endo International PLC (A)	2,935	11,036
Innoviva, Inc. (A)	1,860	32,085
Intra-Cellular Therapies, Inc. (A)	9,297	486,605
Jazz Pharmaceuticals PLC (A)	2,136	272,126
Organon & Company	695	21,163
Perrigo Company PLC	4,847	188,548
Phathom Pharmaceuticals, Inc. (A)	24,846	488,721
Prestige Consumer Healthcare, Inc. (A)	3,032	183,891
Satsuma Pharmaceuticals, Inc. (A)	2,208	9,936
SIGA Technologies, Inc. (A)	2,000	15,040
Supernus Pharmaceuticals, Inc. (A)	18,453	538,089
Taro Pharmaceutical Industries, Ltd. (A)	503	25,205
Zogenix, Inc. (A)	24,421	396,841
		2,782,886
		19,216,893
Industrials – 18.7%		
Aerospace and defense – 0.5%		
AAR Corp. (A)	3,093	120,720

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
AeroVironment, Inc. (A)	455	\$ 28,224
Astronics Corp. (A)	1,700	20,400
Curtiss-Wright Corp.	730	101,229
Ducommun, Inc. (A)	1,674	78,293
Kaman Corp.	1,770	76,376
Kratos Defense & Security Solutions, Inc. (A)	2,475	48,015
Maxar Technologies, Inc.	1,500	44,295
Mercury Systems, Inc. (A)	1,263	69,541
Moog, Inc., Class A	1,548	125,342
National Presto Industries, Inc.	244	20,015
Park Aerospace Corp.	2,083	27,496
Parsons Corp. (A)	721	24,262
SIFCO Industries, Inc. (A)	1,000	6,500
Vectrus, Inc. (A)	1,029	47,097
		837,805
Air freight and logistics – 0.3%		
Air Transport Services Group, Inc. (A)	1,985	58,319
Atlas Air Worldwide Holdings, Inc. (A)	2,473	232,759
Forward Air Corp.	625	75,681
Hub Group, Inc., Class A (A)	2,418	203,692
Radiant Logistics, Inc. (A)	1,875	13,669
		584,120
Airlines – 0.3%		
Allegiant Travel Company (A)	188	35,164
Copa Holdings SA, Class A (A)	905	74,807
Hawaiian Holdings, Inc. (A)	2,646	48,607
JetBlue Airways Corp. (A)	4,207	59,908
Mesa Air Group, Inc. (A)	1,399	7,834
SkyWest, Inc. (A)	3,644	143,209
Spirit Airlines, Inc. (A)	4,452	97,276
		466,805
Building products – 1.8%		
American Woodmark Corp. (A)	787	51,312
Apogee Enterprises, Inc.	2,405	115,801
Armstrong Flooring, Inc. (A)	1,831	3,625
Builders FirstSource, Inc. (A)	8,339	714,736
Carlisle Companies, Inc.	60	14,887
Gibraltar Industries, Inc. (A)	11,844	789,758
Griffon Corp.	2,832	80,655
Insteel Industries, Inc.	1,689	67,239
JELD-WEN Holding, Inc. (A)	9,650	254,374
Masonite International Corp. (A)	1,068	125,971
Owens Corning	1,092	98,826
PGT Innovations, Inc. (A)	1,494	33,600
Quanex Building Products Corp.	3,929	97,361
Resideo Technologies, Inc. (A)	5,191	135,122
Tecnoglass, Inc. (B)	900	23,571
UFP Industries, Inc.	3,823	351,754
Zurn Water Solutions Corp.	891	32,432
		2,991,024
Commercial services and supplies – 1.4%		
ABM Industries, Inc.	5,148	210,296
ACCO Brands Corp.	6,712	55,441
Acme United Corp.	733	24,702
ADT, Inc.	13,007	109,389
Brady Corp., Class A	1,082	58,320
BrightView Holdings, Inc. (A)	3,879	54,616
CECO Environmental Corp. (A)	1,395	8,691
Civeo Corp. (A)	673	12,901
Clean Harbors, Inc. (A)	1,725	172,103
Deluxe Corp.	800	25,688
Ennis, Inc.	2,608	50,934
Harsco Corp. (A)	2,430	40,605

John Hancock Variable Insurance Trust

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Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
Heritage-Crystal Clean, Inc. (A)	1,877	\$ 60,102
HNI Corp.	1,502	63,159
Interface, Inc.	2,884	46,000
KAR Auction Services, Inc. (A)	3,101	48,438
Kimball International, Inc., Class B	1,715	17,544
Matthews International Corp., Class A	1,190	43,637
MillerKnoll, Inc.	1,960	76,812
NL Industries, Inc.	3,260	24,124
Ritchie Brothers Auctioneers, Inc.	13,656	835,884
Steelcase, Inc., Class A	4,596	53,865
Team, Inc. (A)	2,106	2,296
UniFirst Corp.	371	78,058
Viad Corp. (A)	1,025	43,860
Vidler Water Resources, Inc. (A)	2,493	30,115
Virco Manufacturing Corp. (A)	1,200	3,672
VSE Corp.	1,368	83,366
		2,334,618
Construction and engineering – 1.6%		
API Group Corp. (A)	2,846	73,341
Arcosa, Inc.	4,310	227,137
Argan, Inc.	854	33,041
Comfort Systems USA, Inc.	400	39,576
Concrete Pumping Holdings, Inc. (A)	1,800	14,760
Construction Partners, Inc., Class A (A)	936	27,528
Dycom Industries, Inc. (A)	4,156	389,667
EMCOR Group, Inc.	1,267	161,403
Fluor Corp. (A)	3,410	84,466
Granite Construction, Inc.	3,746	144,970
Great Lakes Dredge & Dock Corp. (A)	6,888	108,279
IES Holdings, Inc. (A)	237	12,002
MasTec, Inc. (A)	3,659	337,653
Matrix Service Company (A)	2,731	20,537
MYR Group, Inc. (A)	1,465	161,956
Northwest Pipe Company (A)	1,706	54,251
NV5 Global, Inc. (A)	533	73,618
Orion Group Holdings, Inc. (A)	4,263	16,072
Primoris Services Corp.	3,474	83,307
Quanta Services, Inc.	1,452	166,486
Sterling Construction Company, Inc. (A)	2,528	66,486
Tutor Perini Corp. (A)	4,167	51,546
WillScot Mobile Mini Holdings Corp. (A)	7,715	315,081
		2,663,163
Electrical equipment – 1.5%		
Acuity Brands, Inc.	150	31,758
Atkore, Inc. (A)	7,518	835,926
AZZ, Inc.	1,376	76,079
Encore Wire Corp.	1,949	278,902
EnerSys	1,105	87,361
LSI Industries, Inc.	4,131	28,339
nVent Electric PLC	3,766	143,108
Powell Industries, Inc.	1,244	36,686
Preformed Line Products Company	984	63,665
Regal Rexnord Corp.	1,743	296,624
Sensata Technologies Holding PLC (A)	3,768	232,448
Sunrun, Inc. (A)	2,009	68,909
Thermon Group Holdings, Inc. (A)	14,010	237,189
Ultralife Corp. (A)	1,984	11,983
		2,428,977
Machinery – 4.9%		
AGCO Corp.	3,375	391,568
Alamo Group, Inc.	4,839	712,204
Albany International Corp., Class A	1,875	165,844
Altra Industrial Motion Corp.	2,998	154,607
Astec Industries, Inc.	2,415	167,287

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
Barnes Group, Inc.	3,344	\$ 155,797
Chart Industries, Inc. (A)	346	55,184
CIRCOR International, Inc. (A)	1,614	43,869
Colfax Corp. (A)	7,506	345,051
Columbus McKinnon Corp.	2,178	100,754
Crane Company	682	69,380
EnPro Industries, Inc.	503	55,365
ESCO Technologies, Inc.	1,885	169,631
Federal Signal Corp.	3,670	159,058
Flowserve Corp.	699	21,389
Franklin Electric Company, Inc.	476	45,011
Gates Industrial Corp. PLC (A)	8,586	136,603
Gencor Industries, Inc. (A)	2,100	24,213
Graham Corp.	333	4,143
Helios Technologies, Inc.	4,930	518,488
Hillenbrand, Inc.	1,385	72,006
Hurco Companies, Inc.	1,054	31,304
Hyster-Yale Materials Handling, Inc.	815	33,497
Kadant, Inc.	218	50,245
Kennametal, Inc.	1,573	56,486
LB Foster Company, Class A (A)	1,699	23,361
Meritor, Inc. (A)	2,572	63,734
Miller Industries, Inc.	1,434	47,896
Mueller Industries, Inc.	2,004	118,957
Mueller Water Products, Inc., Class A	3,140	45,216
NN, Inc. (A)	2,376	9,742
Oshkosh Corp.	1,661	187,211
Park-Ohio Holdings Corp.	749	15,856
Perma-Pipe International Holdings, Inc. (A)	1,100	9,460
RBC Bearings, Inc. (A)	3,610	729,112
REV Group, Inc.	2,206	31,215
Snap-on, Inc.	1,226	264,056
SPX FLOW, Inc.	1,971	170,452
Standex International Corp.	200	22,132
Tennant Company	494	40,034
Terex Corp.	1,393	61,222
The Eastern Company	1,471	37,010
The Gorman-Rupp Company	1,454	64,776
The Greenbrier Companies, Inc.	2,830	129,869
The LS Starrett Company, Class A (A)	1,530	14,306
The Manitowoc Company, Inc. (A)	2,421	45,006
The Shyft Group, Inc.	25,582	1,256,844
The Timken Company	2,526	175,027
Titan International, Inc. (A)	3,936	43,139
Trinity Industries, Inc.	8,957	270,501
Twin Disc, Inc. (A)	1,650	18,084
Wabash National Corp.	1,980	38,650
Woodward, Inc.	4,900	536,354
		8,208,206
Marine – 0.3%		
Costamare, Inc.	3,754	47,488
Eagle Bulk Shipping, Inc.	393	17,882
Eneti, Inc.	1,112	8,607
Genco Shipping & Trading, Ltd.	3,003	48,048
Kirby Corp. (A)	2,166	128,704
Matson, Inc.	2,868	258,206
		508,935
Professional services – 2.3%		
Acacia Research Corp. (A)	2,172	11,142
ASGN, Inc. (A)	1,021	125,991
Barrett Business Services, Inc.	200	13,812
BGSF, Inc.	800	11,480
CACI International, Inc., Class A (A)	2,535	682,447
CBIZ, Inc. (A)	4,080	159,610
CRA International, Inc.	1,251	116,793

John Hancock Variable Insurance Trust

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Professional services (continued)		
Exponent, Inc.	7,192	\$ 839,522
Forrester Research, Inc. (A)	8,179	480,353
FTI Consulting, Inc. (A)	616	94,507
Heidrick & Struggles International, Inc.	1,672	73,117
Hill International, Inc. (A)	3,275	6,386
Huron Consulting Group, Inc. (A)	1,411	70,409
ICF International, Inc.	1,429	146,544
Kelly Services, Inc., Class A	4,330	72,614
Korn Ferry	3,492	264,449
ManpowerGroup, Inc.	1,407	136,943
ManTech International Corp., Class A	1,905	138,932
Mistras Group, Inc. (A)	2,232	16,584
Nielsen Holdings PLC	9,392	192,630
RCM Technologies, Inc. (A)	300	2,136
Resources Connection, Inc.	4,120	73,501
Science Applications International Corp.	1,299	108,583
TrueBlue, Inc. (A)	2,519	69,701
Willdan Group, Inc. (A)	400	14,080
		3,922,266
Road and rail – 1.3%		
AMERCO	711	516,350
ArcBest Corp.	1,977	236,943
Covenant Logistics Group, Inc. (A)	1,513	39,989
Heartland Express, Inc.	4,107	69,080
Knight-Swift Transportation Holdings, Inc.	8,121	494,894
Marten Transport, Ltd.	6,368	109,275
P.A.M. Transportation Services, Inc. (A)	1,350	95,864
Patriot Transportation Holding, Inc.	450	3,632
Ryder System, Inc.	3,393	279,685
Schneider National, Inc., Class B	2,987	80,380
U.S. Xpress Enterprises, Inc., Class A (A)	2,111	12,392
USA Truck, Inc. (A)	1,375	27,335
Werner Enterprises, Inc.	4,155	198,027
		2,163,846
Trading companies and distributors – 2.5%		
Air Lease Corp.	8,149	360,430
Alta Equipment Group, Inc. (A)	1,696	24,829
Applied Industrial Technologies, Inc.	938	96,333
Beacon Roofing Supply, Inc. (A)	3,611	207,091
Boise Cascade Company	2,003	142,614
DXP Enterprises, Inc. (A)	1,367	35,091
GATX Corp.	2,663	277,458
GMS, Inc. (A)	1,138	68,405
Lawson Products, Inc. (A)	591	32,357
McGrath RentCorp	1,800	144,468
MRC Global, Inc. (A)	2,745	18,886
NOW, Inc. (A)	7,656	65,382
Rush Enterprises, Inc., Class A	2,831	157,517
Rush Enterprises, Inc., Class B	1,117	60,284
SiteOne Landscape Supply, Inc. (A)	5,918	1,433,798
Textainer Group Holdings, Ltd.	2,844	101,559
Titan Machinery, Inc. (A)	2,366	79,711
Transcat, Inc. (A)	145	13,402
Triton International, Ltd.	4,778	287,779
Univar Solutions, Inc. (A)	3,996	113,287
Veritiv Corp. (A)	1,408	172,579
WESCO International, Inc. (A)	2,696	354,767
Willis Lease Finance Corp. (A)	406	15,286
		4,263,313
		31,373,078
Information technology – 12.9%		
Communications equipment – 1.2%		
ADTRAN, Inc.	4,669	106,593
BK Technologies Corp.	2,100	5,061

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Communications equipment (continued)		
Communications Systems, Inc.	1,800	\$ 4,320
Comtech Telecommunications Corp.	2,706	64,105
Digi International, Inc. (A)	3,371	82,825
Genasys, Inc. (A)	3,300	13,134
Harmonic, Inc. (A)	4,356	51,227
Juniper Networks, Inc.	11,858	423,449
NETGEAR, Inc. (A)	2,513	73,405
NetScout Systems, Inc. (A)	4,585	151,672
Optical Cable Corp. (A)	931	4,999
Ribbon Communications, Inc. (A)	2,987	18,071
TESSCO Technologies, Inc. (A)	1,750	10,833
ViaSat, Inc. (A)	2,775	123,599
Viavi Solutions, Inc. (A)	46,887	826,149
		1,959,442
Electronic equipment, instruments and components – 3.0%		
ADDvantage Technologies Group, Inc. (A)	428	740
Advanced Energy Industries, Inc.	999	90,969
Arrow Electronics, Inc. (A)	6,456	866,847
Avnet, Inc.	9,371	386,366
Bel Fuse, Inc., Class B	1,641	21,218
Belden, Inc.	1,293	84,989
Benchmark Electronics, Inc.	3,813	103,332
CTS Corp.	2,910	106,855
Daktronics, Inc. (A)	3,929	19,841
ePlus, Inc. (A)	1,596	85,992
Fabrinet (A)	2,485	294,398
FARO Technologies, Inc. (A)	295	20,656
Flex, Ltd. (A)	22,654	415,248
Frequency Electronics, Inc. (A)	1,783	17,580
II-VI, Inc. (A)	192	13,119
Insight Enterprises, Inc. (A)	2,190	233,454
Itron, Inc. (A)	480	32,890
Jabil, Inc.	2,426	170,669
Key Tronic Corp. (A)	1,900	11,818
Kimball Electronics, Inc. (A)	3,036	66,063
Knowles Corp. (A)	5,768	134,683
Methode Electronics, Inc.	1,701	83,638
OSI Systems, Inc. (A)	880	82,016
PC Connection, Inc.	2,391	103,124
Plexus Corp. (A)	2,005	192,259
RF Industries, Ltd. (A)	120	960
Richardson Electronics, Ltd.	2,384	32,232
Rogers Corp. (A)	1,055	288,015
Sanmina Corp. (A)	4,939	204,771
ScanSource, Inc. (A)	2,542	89,173
TD SYNnex Corp.	2,778	317,692
TTM Technologies, Inc. (A)	8,193	122,076
Vishay Intertechnology, Inc.	9,510	207,984
Vishay Precision Group, Inc. (A)	1,686	62,584
		4,964,251
IT services – 1.1%		
Alliance Data Systems Corp.	2,273	151,314
BM Technologies, Inc. (A)	367	3,380
Concentrix Corp.	2,778	496,206
Conduent, Inc. (A)	9,516	50,815
CSG Systems International, Inc.	535	30,827
DXC Technology Company (A)	10,684	343,918
Endava PLC, ADR (A)	3,644	611,900
Information Services Group, Inc.	4,400	33,528
MAXIMUS, Inc.	710	56,566
SolarWinds Corp.	430	6,102
		1,784,556
Semiconductors and semiconductor equipment – 4.2%		
Alpha & Omega Semiconductor, Ltd. (A)	2,746	166,298

John Hancock Variable Insurance Trust

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment (continued)		
Amkor Technology, Inc.	18,705	\$ 463,697
Amtech Systems, Inc. (A)	2,404	23,752
Axcelis Technologies, Inc. (A)	3,360	250,522
AXT, Inc. (A)	4,229	37,257
Azenta, Inc.	9,655	995,527
CMC Materials, Inc.	2,297	440,312
Cohu, Inc. (A)	3,140	119,603
Diodes, Inc. (A)	2,632	289,020
Entegris, Inc.	6,622	917,677
First Solar, Inc. (A)	4,689	408,693
FormFactor, Inc. (A)	1,299	59,390
Ichor Holdings, Ltd. (A)	526	24,212
Kulicke & Soffa Industries, Inc.	4,804	290,834
MACOM Technology Solutions Holdings, Inc. (A)	8,541	668,760
Magnachip Semiconductor Corp. (A)	799	16,755
NeoPhotonics Corp. (A)	3,808	58,529
Onto Innovation, Inc. (A)	1,461	147,897
PDF Solutions, Inc. (A)	2,193	69,715
Photronics, Inc. (A)	5,882	110,876
Power Integrations, Inc.	5,314	493,617
Rambus, Inc. (A)	3,601	105,833
Silicon Laboratories, Inc. (A)	3,624	748,066
Ultra Clean Holdings, Inc. (A)	2,274	130,437
Veeco Instruments, Inc. (A)	2,996	85,296
		7,122,575
Software – 3.2%		
ACI Worldwide, Inc. (A)	2,573	89,283
Asure Software, Inc. (A)	1,391	10,892
Aware, Inc. (A)	2,160	6,804
Bottomline Technologies DE, Inc. (A)	5,191	293,136
Cerence, Inc. (A)	11,036	845,799
Cognyte Software, Ltd. (A)	402	6,299
Consensus Cloud Solutions, Inc. (A)	218	12,616
Ebix, Inc.	954	29,002
InterDigital, Inc.	1,490	106,729
N-able, Inc. (A)	430	4,773
OneSpan, Inc. (A)	1,048	17,743
Paycor HCM, Inc. (A)	18,344	528,491
Paylocity Holding Corp. (A)	4,898	1,156,712
Ping Identity Holding Corp. (A)	630	14,414
Rapid7, Inc. (A)	11,528	1,356,730
The Descartes Systems Group, Inc. (A)	8,718	720,804
Upland Software, Inc. (A)	280	5,023
Verint Systems, Inc. (A)	1,067	56,028
Xperi Holding Corp.	4,859	91,884
		5,353,162
Technology hardware, storage and peripherals – 0.2%		
AstroNova, Inc. (A)	1,439	19,427
Stratasys, Ltd. (A)	2,906	71,168
Super Micro Computer, Inc. (A)	3,994	175,536
Xerox Holdings Corp.	7,509	170,004
		436,135
		21,620,121
Materials – 7.1%		
Chemicals – 3.6%		
AdvanSix, Inc.	895	42,289
American Vanguard Corp.	2,118	34,714
Ashland Global Holdings, Inc.	2,848	306,616
Avient Corp.	15,625	874,219
Balchem Corp.	4,320	728,352
Cabot Corp.	1,625	91,325
Core Molding Technologies, Inc. (A)	1,000	8,510
Ecovyst, Inc.	5,263	53,893

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Chemicals (continued)		
Element Solutions, Inc.	8,546	\$ 207,497
Ferro Corp. (A)	2,899	63,285
Flotek Industries, Inc. (A)	1,771	2,001
FutureFuel Corp.	4,276	32,669
GCP Applied Technologies, Inc. (A)	2,486	78,707
Hawkins, Inc.	1,460	57,597
HB Fuller Company	3,615	292,815
Huntsman Corp.	15,185	529,653
Innospec, Inc.	1,794	162,070
Intrepid Potash, Inc. (A)	504	21,536
Koppers Holdings, Inc. (A)	1,200	37,560
Kraton Corp. (A)	2,685	124,369
Kronos Worldwide, Inc.	2,697	40,482
LSB Industries, Inc. (A)	737	8,144
Minerals Technologies, Inc.	2,102	153,761
Olin Corp.	5,264	302,785
Quaker Chemical Corp.	1,802	415,866
Rayonier Advanced Materials, Inc. (A)	4,555	26,009
Sensient Technologies Corp.	949	94,957
Stepan Company	1,433	178,108
The Mosaic Company	8,814	346,302
Trecora Resources (A)	2,774	22,414
Tredegar Corp.	1,654	19,550
Trinseo PLC	940	49,312
Tronox Holdings PLC, Class A	6,229	149,683
Venator Materials PLC (A)	2,700	6,858
Westlake Chemical Corp.	4,606	447,381
		6,011,289
Construction materials – 0.2%		
Summit Materials, Inc., Class A (A)	5,182	208,005
United States Lime & Minerals, Inc.	686	88,508
		296,513
Containers and packaging – 0.8%		
Berry Global Group, Inc. (A)	4,721	348,315
Graphic Packaging Holding Company	10,944	213,408
Greif, Inc., Class A	1,410	85,122
Greif, Inc., Class B	698	41,726
Packaging Corp. of America	409	55,685
Ranpak Holdings Corp. (A)	1,842	69,222
Silgan Holdings, Inc.	1,982	84,909
Sonoco Products Company	3,466	200,647
TriMas Corp.	1,856	68,672
UFP Technologies, Inc. (A)	300	21,078
Westrock Company	3,785	167,903
		1,356,687
Metals and mining – 2.2%		
Alcoa Corp.	10,471	623,862
Allegheny Technologies, Inc. (A)	1,638	26,093
Ampco-Pittsburgh Corp. (A)	1,644	8,220
Arconic Corp. (A)	5,309	175,250
Carpenter Technology Corp.	3,575	104,354
Century Aluminum Company (A)	4,285	70,960
Cleveland-Cliffs, Inc. (A)	2,139	46,566
Coeur Mining, Inc. (A)	7,490	37,750
Commercial Metals Company	5,907	214,365
Ferroglobe PLC (A)	3,057	18,984
Friedman Industries, Inc.	1,511	14,173
Gold Resource Corp.	6,900	10,764
Haynes International, Inc.	458	18,471
Hecla Mining Company	26,017	135,809
Materion Corp.	1,721	158,229
Nexa Resources SA	900	7,074
Olympic Steel, Inc.	1,438	33,793
Reliance Steel & Aluminum Company	3,854	625,196

John Hancock Variable Insurance Trust

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

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Metals and mining (continued)		
Schnitzer Steel Industries, Inc., Class A	3,077	\$ 159,758
Steel Dynamics, Inc.	10,944	679,294
SunCoke Energy, Inc.	6,433	42,393
Synalloy Corp. (A)	2,209	36,294
TimkenSteel Corp. (A)	2,689	44,369
U.S. Steel Corp.	8,605	204,885
Universal Stainless & Alloy Products, Inc. (A)	1,562	12,324
Warrior Met Coal, Inc.	3,785	97,312
Worthington Industries, Inc.	2,387	130,473
		3,737,015
Paper and forest products – 0.3%		
Clearwater Paper Corp. (A)	1,597	58,562
Glatfelter Corp.	4,610	79,292
Louisiana-Pacific Corp.	326	25,542
Mercer International, Inc.	7,458	89,421
Neenah, Inc.	193	8,932
Resolute Forest Products, Inc.	9,682	147,844
Schweitzer-Mauduit International, Inc.	1,971	58,933
Verso Corp., Class A	2,848	76,953
		545,479
		11,946,983
Real estate – 1.7%		
Equity real estate investment trusts – 0.8%		
Indus Realty Trust, Inc.	256	20,751
Ryman Hospitality Properties, Inc. (A)	5,839	536,954
STAG Industrial, Inc.	16,042	769,374
		1,327,079
Real estate management and development – 0.9%		
Cushman & Wakefield PLC (A)	5,399	120,074
Five Point Holdings LLC, Class A (A)	2,659	17,390
Forestar Group, Inc. (A)	2,613	56,833
FRP Holdings, Inc. (A)	931	53,812
Jones Lang LaSalle, Inc. (A)	2,736	736,914
Kennedy-Wilson Holdings, Inc.	2,361	56,381
Marcus & Millichap, Inc. (A)	1,253	64,479
Rafael Holdings, Inc., Class B (A)	500	2,550
RE/MAX Holdings, Inc., Class A	799	24,362
Realogy Holdings Corp. (A)	9,125	153,391
Stratus Properties, Inc. (A)	1,025	37,484
Tejon Ranch Company (A)	1,709	32,608
The Howard Hughes Corp. (A)	1,787	181,881
		1,538,159
		2,865,238
Utilities – 0.8%		
Electric utilities – 0.1%		
NRG Energy, Inc.	2,766	119,159
Gas utilities – 0.1%		
Macquarie Infrastructure Holdings LLC	4,124	15,053
New Jersey Resources Corp.	4,232	173,766
		188,819
Independent power and renewable electricity producers – 0.4%		
Brookfield Renewable Corp., Class A	1,875	69,056
Ormat Technologies, Inc.	2,212	175,412
Vistra Corp.	20,677	470,815
		715,283
Multi-utilities – 0.2%		
MDU Resources Group, Inc.	10,901	336,187
		1,359,448
TOTAL COMMON STOCKS (Cost \$121,003,983)		\$ 166,602,280

Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES – 0.0%		
Consumer discretionary – 0.0%		
Internet and direct marketing retail – 0.0%		
Qurate Retail, Inc., 8.000%	206	\$ 21,263
Industrials – 0.0%		
Trading companies and distributors – 0.0%		
WESCO International, Inc. (10.625% to 6-22-25, then 5 Year CMT + 10.325%)	1,507	46,190
TOTAL PREFERRED SECURITIES (Cost \$63,266)		\$ 67,453
SHORT-TERM INVESTMENTS – 1.0%		
Short-term funds – 1.0%		
John Hancock Collateral Trust, 0.1697% (D)(E)	80,585	806,089
State Street Institutional Treasury Money Market Fund, Premier Class, 0.0051% (D)	735,198	735,198
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (D)	111,131	111,131
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,652,434)		\$ 1,652,418
Total Investments (Small Cap Opportunities Trust) (Cost \$122,719,683) – 100.4%		\$ 168,322,151
Other assets and liabilities, net – (0.4%)		(737,187)
TOTAL NET ASSETS – 100.0%		\$ 167,584,964

Security Abbreviations and Legend

ADR	American Depositary Receipt
CMT	Constant Maturity Treasury
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 12-31-21.
(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 12-31-21.
(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
COMMON STOCKS – 97.7%		
Communication services – 4.1%		
Diversified telecommunication services – 0.5%		
Bandwidth, Inc., Class A (A)	27,601	\$ 1,980,648
Interactive media and services – 1.9%		
CarGurus, Inc. (A)	90,780	3,053,839
j2 Global, Inc. (A)	42,551	4,717,204
		7,771,043
Media – 1.7%		
Cardlytics, Inc. (A)	23,041	1,522,780
Criteo SA, ADR (A)	137,632	5,349,756
		6,872,536
		16,624,227
Consumer discretionary – 14.9%		
Diversified consumer services – 0.9%		
Mister Car Wash, Inc. (A)	202,019	3,678,766
Hotels, restaurants and leisure – 2.6%		
Boyd Gaming Corp. (A)	55,432	3,634,676
Planet Fitness, Inc., Class A (A)	29,818	2,700,914

John Hancock Variable Insurance Trust

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

Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hotels, restaurants and leisure (continued)		
Wingstop, Inc.	24,417	\$ 4,219,258
		10,554,848
Household durables – 2.5%		
Cavco Industries, Inc. (A)	8,801	2,795,638
Skyline Champion Corp. (A)	96,080	7,588,398
		10,384,036
Internet and direct marketing retail – 3.1%		
Porch Group, Inc. (A)(B)	36,062	562,207
Porch.com, Inc. (A)	152,839	2,382,760
Revolve Group, Inc. (A)	68,822	3,856,785
Shutterstock, Inc.	51,436	5,703,224
		12,504,976
Specialty retail – 4.4%		
Five Below, Inc. (A)	45,033	9,316,877
Floor & Decor Holdings, Inc., Class A (A)	30,137	3,918,111
National Vision Holdings, Inc. (A)	95,800	4,597,442
		17,832,430
Textiles, apparel and luxury goods – 1.4%		
Crocs, Inc. (A)	43,596	5,589,879
		60,544,935
Energy – 2.2%		
Oil, gas and consumable fuels – 2.2%		
Chesapeake Energy Corp.	99,641	6,428,837
Magnolia Oil & Gas Corp., Class A	134,771	2,543,129
		8,971,966
Financials – 4.0%		
Banks – 3.4%		
Ameris Bancorp	96,276	4,782,992
Synovus Financial Corp.	77,102	3,690,873
Western Alliance Bancorp	50,271	5,411,673
		13,885,538
Mortgage real estate investment trusts – 0.6%		
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	45,630	2,423,866
		16,309,404
Health care – 23.8%		
Biotechnology – 9.2%		
ALX Oncology Holdings, Inc. (A)	15,491	332,902
Amicus Therapeutics, Inc. (A)	150,819	1,741,959
Apellis Pharmaceuticals, Inc. (A)	30,865	1,459,297
Arena Pharmaceuticals, Inc. (A)	14,964	1,390,754
Ascendis Pharma A/S, ADR (A)	18,043	2,427,325
BioAtla, Inc. (A)	24,698	484,822
Blueprint Medicines Corp. (A)	30,787	3,297,596
Celldex Therapeutics, Inc. (A)	24,010	927,746
Crinetics Pharmaceuticals, Inc. (A)	30,404	863,778
Fate Therapeutics, Inc. (A)	30,322	1,774,140
ImmunoGen, Inc. (A)	285,460	2,118,113
Intellia Therapeutics, Inc. (A)	19,008	2,247,506
KalVista Pharmaceuticals, Inc. (A)	73,364	970,606
Karuna Therapeutics, Inc. (A)	12,268	1,607,108
Kodiak Sciences, Inc. (A)	13,536	1,147,582
Kymera Therapeutics, Inc. (A)	36,920	2,344,051
Madrigal Pharmaceuticals, Inc. (A)	14,533	1,231,526
Mersana Therapeutics, Inc. (A)	116,713	725,955
Myovant Sciences, Ltd. (A)(B)	81,671	1,271,617
RAPT Therapeutics, Inc. (A)	48,347	1,775,785
REVOLUTION Medicines, Inc. (A)	49,053	1,234,664
Rocket Pharmaceuticals, Inc. (A)	42,315	923,736
Scholar Rock Holding Corp. (A)	49,706	1,234,697
Turning Point Therapeutics, Inc. (A)	29,875	1,425,038

Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Veracyte, Inc. (A)	49,693	\$ 2,047,352
Y-mAbs Therapeutics, Inc. (A)	36,971	599,300
		37,604,955
Health care equipment and supplies – 3.2%		
Globus Medical, Inc., Class A (A)	51,998	3,754,256
Integra LifeSciences Holdings Corp. (A)	80,379	5,384,589
Tandem Diabetes Care, Inc. (A)	26,889	4,047,332
		13,186,177
Health care providers and services – 4.9%		
Accolade, Inc. (A)	103,562	2,729,894
Cross Country Healthcare, Inc. (A)	238,796	6,628,977
LHC Group, Inc. (A)	39,026	5,355,538
R1 RCM, Inc. (A)	208,271	5,308,828
		20,023,237
Health care technology – 3.2%		
Health Catalyst, Inc. (A)	77,215	3,059,258
Inspire Medical Systems, Inc. (A)	23,292	5,358,558
Omniceil, Inc. (A)	24,647	4,447,305
		12,865,121
Life sciences tools and services – 2.9%		
Medpace Holdings, Inc. (A)	30,896	6,724,205
NanoString Technologies, Inc. (A)	39,366	1,662,426
NeoGenomics, Inc. (A)	104,530	3,566,564
		11,953,195
Pharmaceuticals – 0.4%		
Aclaris Therapeutics, Inc. (A)	97,669	1,420,107
		97,052,792
Industrials – 16.9%		
Aerospace and defense – 1.2%		
Curtiss-Wright Corp.	35,399	4,908,780
Building products – 2.4%		
Builders FirstSource, Inc. (A)	82,757	7,093,102
Gibraltar Industries, Inc. (A)	43,028	2,869,107
		9,962,209
Construction and engineering – 1.5%		
Fluor Corp. (A)	238,456	5,906,555
Electrical equipment – 1.2%		
Acuity Brands, Inc.	23,790	5,036,819
Machinery – 6.9%		
Altra Industrial Motion Corp.	133,463	6,882,686
Colfax Corp. (A)	127,915	5,880,253
Helios Technologies, Inc.	28,219	2,967,792
Hydrofarm Holdings Group, Inc. (A)	50,000	1,414,500
Kornit Digital, Ltd. (A)	28,139	4,284,163
The Middleby Corp. (A)	33,482	6,587,918
		28,017,312
Road and rail – 0.7%		
Saia, Inc. (A)	8,474	2,855,992
Trading companies and distributors – 3.0%		
Applied Industrial Technologies, Inc.	86,272	8,860,134
WESCO International, Inc. (A)	26,379	3,471,213
		12,331,347
		69,019,014
Information technology – 27.3%		
Communications equipment – 2.2%		
Calix, Inc. (A)	110,466	8,833,966
Electronic equipment, instruments and components – 2.3%		
II-VI, Inc. (A)(B)	77,277	5,280,337

John Hancock Variable Insurance Trust

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

Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electronic equipment, instruments and components (continued)		
Novanta, Inc. (A)	22,318	\$ 3,935,333
		9,215,670
IT services – 5.9%		
Concentrix Corp.	31,016	5,540,078
LiveRamp Holdings, Inc. (A)	73,441	3,521,496
Payoneer Global, Inc. (A)	47,400	348,390
Payoneer Global, Inc. (A)	198,338	1,457,784
Perficient, Inc. (A)	40,201	5,197,587
Repay Holdings Corp. (A)	153,711	2,808,300
Verra Mobility Corp. (A)	350,078	5,401,704
		24,275,339
Semiconductors and semiconductor equipment – 7.3%		
Maxeon Solar Technologies, Ltd. (A)(B)	80,315	1,116,379
MKS Instruments, Inc.	30,963	5,392,826
Synaptics, Inc. (A)	42,315	12,250,616
Tower Semiconductor, Ltd. (A)	275,985	10,951,085
		29,710,906
Software – 9.6%		
Digital Turbine, Inc. (A)	88,060	5,370,779
Jamf Holding Corp. (A)(B)	180,976	6,878,898
Manhattan Associates, Inc. (A)	21,353	3,320,178
Mimecast, Ltd. (A)	93,939	7,474,726
New Relic, Inc. (A)	43,995	4,837,690
Rapid7, Inc. (A)	49,145	5,783,875
Varonis Systems, Inc. (A)	114,961	5,607,798
		39,273,944
		111,309,825
Materials – 1.0%		
Chemicals – 1.0%		
Cabot Corp.	70,377	3,955,187
Real estate – 3.5%		
Equity real estate investment trusts – 3.5%		
Essential Properties Realty Trust, Inc.	130,785	3,770,532
Independence Realty Trust, Inc.	166,428	4,298,835
Pebblebrook Hotel Trust	94,000	2,102,780
Ryman Hospitality Properties, Inc. (A)	44,794	4,119,256
		14,291,403
TOTAL COMMON STOCKS (Cost \$346,892,766)		\$ 398,078,753
EXCHANGE-TRADED FUNDS – 0.3%		
iShares Russell 2000 Growth ETF	4,105	1,202,970
TOTAL EXCHANGE-TRADED FUNDS (Cost \$1,158,743)		\$ 1,202,970
SHORT-TERM INVESTMENTS – 3.0%		
Short-term funds – 0.7%		
John Hancock Collateral Trust, 0.1697% (C)(D)	294,096	2,941,841

Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS (continued)		
Repurchase agreement – 2.3%		
Societe Generale SA Tri-Party Repurchase Agreement dated 12-31-21 at 0.045% to be repurchased at \$9,300,035 on 1-3-22, collateralized by \$6,641,257 Federal Home Loan Mortgage Corp., 3.500% - 4.000% due 11-1-36 to 2-1-48 (valued at \$7,278,229), \$1,896,557 Federal National Mortgage Association, 2.500% - 4.500% due 11-1-48 to 6-1-50 (valued at \$2,107,379) and \$98,786 Government National Mortgage Association, 1.875% due 4-20-27 (valued at \$100,392)		
	\$ 9,300,000	\$ 9,300,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$12,242,305)		\$ 12,241,841
Total Investments (Small Cap Stock Trust) (Cost \$360,293,814) – 101.0%		\$ 411,523,564
Other assets and liabilities, net – (1.0%)		(4,243,552)
TOTAL NET ASSETS – 100.0%		\$ 407,280,012

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 12-31-21.
(C)	The rate shown is the annualized seven-day yield as of 12-31-21.
(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 Cap Value Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 97.3%		
Communication services – 1.2%		
WideOpenWest, Inc. (A)	299,165	\$ 6,438,031
Consumer discretionary – 6.5%		
Auto components – 1.7%		
Gentherm, Inc. (A)	31,539	2,740,739
Visteon Corp. (A)	59,929	6,660,509
		9,401,248
Hotels, restaurants and leisure – 1.0%		
Aramark	27,430	1,010,796
Wyndham Hotels & Resorts, Inc.	50,505	4,527,773
		5,538,569
Household durables – 1.3%		
Tri Pointe Homes, Inc. (A)	271,825	7,581,199
Specialty retail – 1.1%		
Monro, Inc.	102,708	5,984,795
Textiles, apparel and luxury goods – 1.4%		
Kontoor Brands, Inc.	150,614	7,718,968
		36,224,779
Consumer staples – 5.3%		
Beverages – 0.8%		
C&C Group PLC (A)	1,455,006	4,597,434
Food products – 2.2%		
Cranswick PLC	121,766	6,133,608
Hostess Brands, Inc. (A)	271,342	5,540,804

John Hancock Variable Insurance Trust

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

Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food products (continued)		
Post Holdings, Inc. (A)	5,966	\$ 672,547
		12,346,959
Household products – 2.3%		
Spectrum Brands Holdings, Inc.	121,444	12,353,284
		29,297,677
Energy – 1.0%		
Oil, gas and consumable fuels – 1.0%		
Chesapeake Energy Corp.	7,261	468,480
Dorian LPG, Ltd.	421,881	5,353,670
		5,822,150
Financials – 25.3%		
Banks – 16.2%		
1st Source Corp.	100,081	4,964,018
Atlantic Union Bankshares Corp.	194,866	7,266,553
Banc of California, Inc.	475,528	9,329,859
Cadence Bank	189,087	5,632,902
Eastern Bankshares, Inc.	238,034	4,801,146
First Busey Corp.	232,521	6,305,970
First Citizens BancShares, Inc., Class A	887	736,068
First Midwest Bancorp, Inc.	399,133	8,174,244
Flushing Financial Corp.	292,202	7,100,509
Great Western Bancorp, Inc.	252,814	8,585,563
Hancock Whitney Corp.	169,304	8,468,586
International Bancshares Corp.	190,208	8,062,917
Synovus Financial Corp.	194,035	9,288,455
Webster Financial Corp.	11,651	650,592
		89,367,382
Capital markets – 0.6%		
SLR Investment Corp.	185,047	3,410,416
Insurance – 6.6%		
Alleghany Corp. (A)	1,661	1,108,867
Argo Group International Holdings, Ltd.	73,053	4,245,110
Assured Guaranty, Ltd.	107,841	5,413,618
Kemper Corp.	134,687	7,918,249
ProAssurance Corp.	221,689	5,608,732
Reinsurance Group of America, Inc.	5,138	562,560
SiriusPoint, Ltd. (A)	543,300	4,417,029
White Mountains Insurance Group, Ltd.	7,408	7,510,971
		36,785,136
Thriffs and mortgage finance – 1.9%		
NMI Holdings, Inc., Class A (A)	241,154	5,269,215
Northwest Bancshares, Inc.	354,100	5,014,056
		10,283,271
		139,846,205
Health care – 8.4%		
Health care equipment and supplies – 2.9%		
Haemonetics Corp. (A)	150,015	7,956,796
ICU Medical, Inc. (A)	11,204	2,659,157
Lantheus Holdings, Inc. (A)	161,658	4,670,300
Natus Medical, Inc. (A)	45,133	1,071,006
		16,357,259
Health care providers and services – 3.8%		
Apria, Inc. (A)	126,089	4,110,501
LHC Group, Inc. (A)	16,100	2,209,403
MEDNAX, Inc. (A)	230,417	6,269,647

Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care providers and services (continued)		
Owens & Minor, Inc.	194,816	\$ 8,474,496
		21,064,047
Health care technology – 1.6%		
Allscripts Healthcare Solutions, Inc. (A)	468,925	8,651,666
Life sciences tools and services – 0.1%		
Syneos Health, Inc. (A)	5,053	518,842
		46,591,814
Industrials – 19.0%		
Aerospace and defense – 1.1%		
Hexcel Corp. (A)	116,450	6,032,110
Building products – 2.8%		
American Woodmark Corp. (A)	84,046	5,479,799
Tyman PLC	1,866,871	10,115,226
		15,595,025
Commercial services and supplies – 4.0%		
ACCO Brands Corp.	718,261	5,932,836
BrightView Holdings, Inc. (A)	316,387	4,454,729
Clean Harbors, Inc. (A)	6,579	656,387
SP Plus Corp. (A)	208,867	5,894,227
UniFirst Corp.	25,426	5,349,630
		22,287,809
Construction and engineering – 0.9%		
Primoris Services Corp.	209,276	5,018,438
Electrical equipment – 0.9%		
Thermon Group Holdings, Inc. (A)	285,898	4,840,253
Machinery – 1.6%		
Albany International Corp., Class A	24,228	2,142,967
Luxfer Holdings PLC	358,120	6,915,297
		9,058,264
Professional services – 5.5%		
CBIZ, Inc. (A)	166,056	6,496,111
Huron Consulting Group, Inc. (A)	170,709	8,518,379
ICF International, Inc.	73,564	7,543,988
Science Applications International Corp.	89,786	7,505,212
		30,063,690
Trading companies and distributors – 2.2%		
Air Lease Corp.	123,687	5,470,676
GATX Corp.	64,216	6,690,665
		12,161,341
		105,056,930
Information technology – 8.3%		
Electronic equipment, instruments and components – 3.0%		
Belden, Inc.	130,174	8,556,337
CTS Corp.	212,335	7,796,941
		16,353,278
IT services – 1.8%		
ExlService Holdings, Inc. (A)	28,332	4,101,624
WNS Holdings, Ltd., ADR (A)	69,305	6,114,087
		10,215,711
Software – 3.5%		
ACI Worldwide, Inc. (A)	150,337	5,216,694
CDK Global, Inc.	197,377	8,238,516
Progress Software Corp.	124,754	6,021,876
		19,477,086
		46,046,075
Materials – 8.3%		
Chemicals – 4.4%		
Axalta Coating Systems, Ltd. (A)	20,273	671,442
Element Solutions, Inc.	451,870	10,971,404

John Hancock Variable Insurance Trust

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

Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Chemicals (continued)		
HB Fuller Company	67,673	\$ 5,481,513
Orion Engineered Carbons SA (A)	374,524	6,876,261
		24,000,620
Containers and packaging – 2.5%		
Sealed Air Corp.	18,450	1,244,822
TriMas Corp.	342,858	12,685,744
		13,930,566
Paper and forest products – 1.4%		
Neenah, Inc.	170,962	7,912,121
		45,843,307
Real estate – 10.1%		
Equity real estate investment trusts – 10.1%		
Alexander & Baldwin, Inc.	320,168	8,033,015
Brandywine Realty Trust	499,977	6,709,691
Centerspace	46,558	5,163,282
Corporate Office Properties Trust	138,275	3,867,552
LXP Industrial Trust	332,213	5,189,167
Physicians Realty Trust	377,505	7,108,419
Piedmont Office Realty Trust, Inc., Class A	371,726	6,832,324
PotlatchDeltic Corp.	82,137	4,946,290
RPT Realty	577,240	7,723,471
		55,573,211
Utilities – 3.9%		
Electric utilities – 1.5%		
Portland General Electric Company	159,572	8,444,550
Gas utilities – 2.4%		
New Jersey Resources Corp.	146,557	6,017,630
Spire, Inc.	91,888	5,992,935
UGI Corp.	19,488	894,694
		12,905,259
		21,349,809
TOTAL COMMON STOCKS (Cost \$427,623,010)		\$ 538,089,988
SHORT-TERM INVESTMENTS – 2.9%		
Repurchase agreement – 2.9%		
Bank of America Tri-Party Repurchase Agreement dated 12-31-21 at 0.050% to be repurchased at \$15,900,066 on 1-3-22, collateralized by \$14,863,600 U.S. Treasury Notes, 2.625% due 2-15-29 (valued at \$16,218,072)	\$ 15,900,000	15,900,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$15,900,000)		\$ 15,900,000
Total Investments (Small Cap Value Trust) (Cost \$443,523,010) – 100.2%		\$ 553,989,988
Other assets and liabilities, net – (0.2%)		(1,241,946)
TOTAL NET ASSETS – 100.0%		\$ 552,748,042

Security Abbreviations and Legend

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

Small Company Value Trust

	Shares or Principal Amount	Value
COMMON STOCKS – 98.2%		
Communication services – 2.3%		
Interactive media and services – 0.1%		
NerdWallet, Inc., Class A (A)(B)	15,110	\$ 234,961
Media – 2.2%		
Advantage Solutions, Inc. (A)	60,796	487,584
Boston Omaha Corp., Class A (A)	27,321	784,932
Cable One, Inc.	787	1,387,835
Integral Ad Science Holding Corp. (A)	16,353	363,200
Scholastic Corp.	17,953	717,402
		3,740,953
		3,975,914
Consumer discretionary – 9.1%		
Auto components – 1.6%		
Dorman Products, Inc. (A)	8,721	985,560
LCI Industries	6,515	1,015,493
Visteon Corp. (A)	6,844	760,642
		2,761,695
Distributors – 0.7%		
Pool Corp.	2,022	1,144,452
Diversified consumer services – 0.7%		
Strategic Education, Inc.	18,846	1,090,053
Hotels, restaurants and leisure – 1.9%		
BJ's Restaurants, Inc. (A)	17,418	601,792
Marriott Vacations Worldwide Corp.	6,371	1,076,572
Papa John's International, Inc.	8,818	1,176,938
Red Robin Gourmet Burgers, Inc. (A)	17,693	292,465
Sweetgreen, Inc., Class A (A)(B)	4,154	132,928
		3,280,695
Household durables – 1.6%		
Cavco Industries, Inc. (A)	5,517	1,752,475
Meritage Homes Corp. (A)	8,343	1,018,347
		2,770,822
Internet and direct marketing retail – 0.1%		
Rent the Runway, Inc., Class A (A)(B)	4,977	40,563
Xometry, Inc., Class A (A)	1,588	81,385
		121,948
Specialty retail – 1.5%		
Hibbett, Inc.	8,668	623,489
Lumber Liquidators Holdings, Inc. (A)	36,750	627,323
Monro, Inc.	13,202	769,281
Petco Health & Wellness Company, Inc. (A)	25,770	509,988
		2,530,081
Textiles, apparel and luxury goods – 1.0%		
Allbirds, Inc., Class A (A)(B)	21,047	317,389
On Holding AG, Class A (A)(B)	2,640	99,818
Steven Madden, Ltd.	28,552	1,326,811
		1,744,018
		15,443,764
Consumer staples – 3.0%		
Beverages – 0.9%		
Coca-Cola Consolidated, Inc.	2,449	1,516,396
Food and staples retailing – 0.3%		
Grocery Outlet Holding Corp. (A)	17,148	484,945
Food products – 1.8%		
Nomad Foods, Ltd. (A)	56,161	1,425,928
Post Holdings, Inc. (A)	8,265	931,713
The Simply Good Foods Company (A)	19,214	798,726
		3,156,367
		5,157,708

John Hancock Variable Insurance Trust

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

Small Company Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Energy – 6.4%		
Energy equipment and services – 2.1%		
Cactus, Inc., Class A	34,545	\$ 1,317,201
ChampionX Corp. (A)	73,279	1,480,969
Liberty Oilfield Services, Inc., Class A (A)	78,660	763,002
		3,561,172
Oil, gas and consumable fuels – 4.3%		
Devon Energy Corp.	57,207	2,519,968
International Seaways, Inc.	24,882	365,268
Magnolia Oil & Gas Corp., Class A	84,991	1,603,780
Matador Resources Company	55,415	2,045,922
REX American Resources Corp. (A)	8,186	785,856
		7,320,794
		10,881,966
Financials – 25.5%		
Banks – 15.0%		
BankUnited, Inc.	42,168	1,784,128
Columbia Banking System, Inc.	29,224	956,209
CrossFirst Bankshares, Inc. (A)	39,223	612,271
Eastern Bankshares, Inc.	33,583	677,369
FB Financial Corp.	28,980	1,269,904
Glacier Bancorp, Inc.	21,244	1,204,535
HarborOne Bancorp, Inc.	65,919	978,238
Home BancShares, Inc.	80,398	1,957,691
Independent Bank Corp. (Massachusetts)	15,982	1,303,012
Live Oak Bancshares, Inc.	28,780	2,512,206
National Bank Holdings Corp., Class A	27,092	1,190,422
Origin Bancorp, Inc.	22,504	965,872
Pinnacle Financial Partners, Inc.	24,689	2,357,800
Popular, Inc.	16,204	1,329,376
Southern First Bancshares, Inc. (A)	16,374	1,023,211
Towne Bank	41,217	1,302,045
Webster Financial Corp.	21,258	1,187,047
Western Alliance Bancorp	27,271	2,935,723
		25,547,059
Capital markets – 2.5%		
Hercules Capital, Inc.	46,109	764,948
Houlihan Lokey, Inc.	14,832	1,535,409
StepStone Group, Inc., Class A	10,735	446,254
Virtus Investment Partners, Inc.	5,055	1,501,841
		4,248,452
Consumer finance – 1.2%		
Green Dot Corp., Class A (A)	16,449	596,112
PRA Group, Inc. (A)	8,424	422,969
PROG Holdings, Inc. (A)	21,994	992,149
		2,011,230
Insurance – 2.3%		
BRP Group, Inc., Class A (A)	40,582	1,465,416
James River Group Holdings, Ltd.	21,586	621,893
Palomar Holdings, Inc. (A)	7,268	470,748
ProAssurance Corp.	29,206	738,912
Ryan Specialty Group Holdings, Inc., Class A (A)	17,158	692,322
		3,989,291
Mortgage real estate investment trusts – 1.4%		
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	29,643	1,574,636
PennyMac Mortgage Investment Trust	44,125	764,686
		2,339,322
Thriffs and mortgage finance – 3.1%		
PCSB Financial Corp.	18,732	356,657
PennyMac Financial Services, Inc.	13,507	942,518
Radian Group, Inc.	52,105	1,100,979

Small Company Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Thriffs and mortgage finance (continued)		
Walker & Dunlop, Inc.	7,435	\$ 1,121,793
WSFS Financial Corp.	37,218	1,865,366
		5,387,313
		43,522,667
Health care – 9.3%		
Biotechnology – 3.6%		
Blueprint Medicines Corp. (A)	5,519	591,140
C4 Therapeutics, Inc. (A)	10,356	333,463
Fate Therapeutics, Inc. (A)	8,000	468,080
Insmid, Inc. (A)	20,202	550,302
Ionis Pharmaceuticals, Inc. (A)	5,500	167,365
Karuna Therapeutics, Inc. (A)	3,198	418,938
Kodiak Sciences, Inc. (A)	4,337	367,691
Kymera Therapeutics, Inc. (A)	7,825	496,809
Prothena Corp. PLC (A)	7,900	390,260
Replimune Group, Inc. (A)	14,791	400,836
Turning Point Therapeutics, Inc. (A)	7,500	357,750
Ultragenyx Pharmaceutical, Inc. (A)	6,712	564,412
Xencor, Inc. (A)	13,290	533,195
Zentalis Pharmaceuticals, Inc. (A)	5,700	479,142
		6,119,383
Health care equipment and supplies – 1.8%		
Atrion Corp.	1,825	1,286,443
Figs, Inc., Class A (A)(B)	23,833	656,837
Ortho Clinical Diagnostics Holdings PLC (A)	33,362	713,613
Quidel Corp. (A)	2,748	370,953
		3,027,846
Health care providers and services – 3.1%		
Agility, Inc. (A)	31,885	738,457
Molina Healthcare, Inc. (A)	1,119	355,932
Option Care Health, Inc. (A)	53,336	1,516,876
Select Medical Holdings Corp.	48,551	1,427,399
The Ensign Group, Inc.	10,173	854,125
The Pennant Group, Inc. (A)	18,323	422,895
		5,315,684
Health care technology – 0.3%		
Phreesia, Inc. (A)	12,200	508,252
Life sciences tools and services – 0.2%		
Pacific Biosciences of California, Inc. (A)	19,600	401,016
Pharmaceuticals – 0.3%		
Arvinas, Inc. (A)	6,196	508,939
		15,881,120
Industrials – 14.9%		
Aerospace and defense – 1.2%		
Parsons Corp. (A)	14,284	480,657
Triumph Group, Inc. (A)	80,352	1,488,923
		1,969,580
Airlines – 0.2%		
Allegiant Travel Company (A)	1,872	350,139
Building products – 2.1%		
JELD-WEN Holding, Inc. (A)	23,158	610,445
UFP Industries, Inc.	26,967	2,481,234
Zurn Water Solutions Corp.	14,500	527,800
		3,619,479
Commercial services and supplies – 2.0%		
ABM Industries, Inc.	8,774	358,418
Aris Water Solution, Inc., Class A (A)	26,581	344,224
Brady Corp., Class A	16,035	864,287
MSA Safety, Inc.	5,029	759,178
Stericycle, Inc. (A)	16,842	1,004,457

John Hancock Variable Insurance Trust

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

Small Company Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
UniFirst Corp.	287	\$ 60,385
		3,390,949
Construction and engineering – 0.2%		
Ameresco, Inc., Class A (A)	4,692	382,116
Electrical equipment – 0.7%		
Regal Rexnord Corp.	4,100	697,738
Shoals Technologies Group, Inc., Class A (A)	17,325	420,998
		1,118,736
Machinery – 4.0%		
Alamo Group, Inc.	3,038	447,133
Blue Bird Corp. (A)	23,641	369,745
Chart Industries, Inc. (A)	2,022	322,489
CIRCOR International, Inc. (A)	21,105	573,634
Enerpac Tool Group Corp.	30,545	619,453
ESCO Technologies, Inc.	12,105	1,089,329
Helios Technologies, Inc.	17,768	1,868,661
SPX Corp. (A)	14,695	876,998
The Timken Company	8,987	622,709
		6,790,151
Marine – 0.4%		
Matson, Inc.	7,703	693,501
Professional services – 1.1%		
FTI Consulting, Inc. (A)	2,935	450,288
Korn Ferry	18,400	1,393,432
		1,843,720
Road and rail – 0.7%		
Landstar System, Inc.	6,791	1,215,725
Trading companies and distributors – 2.3%		
Beacon Roofing Supply, Inc. (A)	25,767	1,477,737
Herc Holdings, Inc.	500	78,275
McGrath RentCorp	12,158	975,801
Rush Enterprises, Inc., Class A	9,816	546,162
Univar Solutions, Inc. (A)	31,145	882,961
		3,960,936
		25,335,032
Information technology – 8.1%		
Communications equipment – 1.1%		
Harmonic, Inc. (A)	161,723	1,901,862
Electronic equipment, instruments and components – 3.2%		
Belden, Inc.	35,578	2,338,542
Littelfuse, Inc.	8,357	2,629,781
PAR Technology Corp. (A)(B)	7,645	403,427
		5,371,750
IT services – 0.3%		
Payoneer Global, Inc. (A)	80,100	588,735
Semiconductors and semiconductor equipment – 2.1%		
Entegris, Inc.	7,778	1,077,875
MaxLinear, Inc. (A)	17,176	1,294,899
Onto Innovation, Inc. (A)	6,564	664,474
Semtech Corp. (A)	6,632	589,784
		3,627,032
Software – 1.4%		
Ceridian HCM Holding, Inc. (A)	10,666	1,114,170
Clearwater Analytics Holdings, Inc., Class A (A)	10,295	236,579
NCino, Inc. (A)	7,729	424,013
Workiva, Inc. (A)	4,310	562,412
		2,337,174
		13,826,553

Small Company Value Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Materials – 4.6%		
Chemicals – 1.9%		
Element Solutions, Inc.	46,100	\$ 1,119,308
Minerals Technologies, Inc.	2,439	178,413
Orion Engineered Carbons SA (A)	49,540	909,554
Quaker Chemical Corp.	4,143	956,122
		3,163,397
Containers and packaging – 0.4%		
Myers Industries, Inc.	32,742	655,167
Metals and mining – 1.7%		
Carpenter Technology Corp.	22,443	655,111
Constellium SE (A)	82,001	1,468,638
Reliance Steel & Aluminum Company	5,197	843,057
		2,966,806
Paper and forest products – 0.6%		
Clearwater Paper Corp. (A)	26,317	965,044
		7,750,414
Real estate – 10.1%		
Equity real estate investment trusts – 8.9%		
American Campus Communities, Inc.	15,656	896,932
Apartment Investment and Management Company, Class A (A)	53,851	415,730
EastGroup Properties, Inc.	7,848	1,788,167
Essential Properties Realty Trust, Inc.	24,351	702,039
Healthcare Realty Trust, Inc.	28,846	912,687
JBG SMITH Properties	39,105	1,122,705
NexPoint Residential Trust, Inc.	2,100	176,043
PotlatchDeltic Corp.	22,854	1,376,268
PS Business Parks, Inc.	6,115	1,126,200
Safehold, Inc.	11,552	922,427
Saul Centers, Inc.	24,337	1,290,348
Sunstone Hotel Investors, Inc. (A)	118,177	1,386,216
Terreno Realty Corp.	24,860	2,120,309
Washington Real Estate Investment Trust	34,959	903,690
		15,139,761
Real estate management and development – 1.2%		
The St. Joe Company	34,487	1,795,048
Tricon Residential, Inc.	16,307	249,171
		2,044,219
		17,183,980
Utilities – 4.9%		
Electric utilities – 1.8%		
IDACORP, Inc.	14,821	1,679,368
MGE Energy, Inc.	15,666	1,288,529
		2,967,897
Gas utilities – 1.4%		
Chesapeake Utilities Corp.	16,717	2,437,506
Independent power and renewable electricity producers – 0.1%		
Sunnova Energy International, Inc. (A)	8,217	229,419
Multi-utilities – 0.8%		
NorthWestern Corp.	24,780	1,416,425
Water utilities – 0.8%		
California Water Service Group	18,110	1,301,385
		8,352,632
TOTAL COMMON STOCKS (Cost \$112,128,066)		\$ 167,311,750
WARRANTS – 0.0%		
Advantage Solutions, Inc. (Expiration Date: 10-28-25; Strike Price: \$11.50) (A)	4,703	11,616
TOTAL WARRANTS (Cost \$6,099)		\$ 11,616

John Hancock Variable Insurance Trust

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

Small Company Value Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 2.3%		
Short-term funds – 2.3%		
John Hancock Collateral Trust, 0.1697% (C)(D)	174,138	\$ 1,741,904
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)	451,734	451,734
T. Rowe Price Government Reserve Fund, 0.0570% (C)	1,687,361	1,687,361
TOTAL SHORT-TERM INVESTMENTS (Cost \$3,881,153)		\$ 3,880,999
Total Investments (Small Company Value Trust) (Cost \$116,015,318) – 100.5%		\$ 171,204,365
Other assets and liabilities, net – (0.5%)		(804,318)
TOTAL NET ASSETS – 100.0%		\$ 170,400,047

Security Abbreviations and Legend

- (A) Non-income producing security.
 (B) All or a portion of this security is on loan as of 12-31-21.
 (C) The rate shown is the annualized seven-day yield as of 12-31-21.
 (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
COMMON STOCKS – 96.8%		
Communication services – 7.1%		
Diversified telecommunication services – 1.1%		
Anterix, Inc. (A)	1,926	\$ 113,172
AT&T, Inc.	884,707	21,763,792
ATN International, Inc.	1,854	74,067
Bandwidth, Inc., Class A (A)	3,793	272,186
BT Group PLC	1,481,653	3,408,541
Cellnex Telecom SA (A)(B)	84,568	4,898,821
Cogent Communications Holdings, Inc. Consolidated Communications Holdings, Inc. (A)	6,795	497,258
Deutsche Telekom AG	12,127	90,710
EchoStar Corp., Class A (A)	553,226	10,222,225
Elisa OYJ	6,137	161,710
Globalstar, Inc. (A)(C)	23,609	1,453,746
HKT Trust & HKT, Ltd.	98,707	114,500
IDT Corp., Class B (A)	628,421	844,391
Infrastrutture Wireless Italiane SpA (B)	3,221	142,239
Iridium Communications, Inc. (A)	55,781	676,403
Koninklijke KPN NV	54,299	2,242,006
Liberty Latin America, Ltd., Class A (A)	558,088	1,730,422
Liberty Latin America, Ltd., Class C (A)	9,916	115,621
Lumen Technologies, Inc.	22,094	251,872
Nippon Telegraph & Telephone Corp.	110,826	1,390,866
Ooma, Inc. (A)	213,616	5,842,026
Orange SA	3,875	79,205
Proximus SADP (C)	331,147	3,537,371
Radius Global Infrastructure, Inc., Class A (A)	25,249	493,107
Singapore Telecommunications, Ltd.	9,482	152,660
Singapore Telecommunications, Ltd.	1,111,633	1,913,654
Spark New Zealand, Ltd.	258,829	445,582
Swisscom AG	309,917	958,415
Telecom Italia SpA	4,299	2,425,169
Telefonica Deutschland Holding AG	1,653,843	813,652
Telefonica SA	172,812	479,344
Telenor ASA	842,241	3,652,131
	116,144	1,825,674

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Diversified telecommunication services (continued)		
Telesat Corp. (A)	2,115	\$ 60,637
Telia Company AB	441,233	1,725,646
Telstra Corp., Ltd.	690,931	2,099,875
United Internet AG	16,100	638,305
Verizon Communications, Inc.	515,935	26,807,983
		104,414,984
Entertainment – 1.2%		
Activision Blizzard, Inc.	96,364	6,411,097
AMC Entertainment Holdings, Inc., Class A (A)(C)	83,398	2,268,426
Bollre SA	146,767	820,952
Capcom Company, Ltd.	29,200	687,699
Cinemark Holdings, Inc. (A)	17,739	285,953
CuriosityStream, Inc. (A)	5,137	30,462
Electronic Arts, Inc.	35,262	4,651,058
IMAX Corp. (A)	8,194	146,181
Koei Tecmo Holdings Company, Ltd.	9,800	384,794
Konami Holdings Corp.	15,509	744,425
Liberty Media Corp.-Liberty Braves, Class A (A)	3,085	88,694
Liberty Media Corp.-Liberty Braves, Class C (A)	4,488	126,113
Lions Gate Entertainment Corp., Class A (A)	9,707	161,524
Lions Gate Entertainment Corp., Class B (A)	19,130	294,411
Live Nation Entertainment, Inc. (A)	16,325	1,953,939
Madison Square Garden Entertainment Corp. (A)	4,270	300,352
Netflix, Inc. (A)	55,087	33,186,612
Nexon Company, Ltd.	81,906	1,583,753
Nintendo Company, Ltd.	18,539	8,673,603
Sea, Ltd., ADR (A)	11,400	2,550,294
Square Enix Holdings Company, Ltd.	14,200	728,453
Take-Two Interactive Software, Inc. (A)	14,438	2,565,921
The Marcus Corp. (A)(C)	3,971	70,922
The Walt Disney Company (A)	226,145	35,027,599
Toho Company, Ltd.	18,608	796,279
Ubisoft Entertainment SA (A)	15,384	750,435
Universal Music Group NV	120,387	3,402,263
World Wrestling Entertainment, Inc., Class A (C)	11,882	586,258
		109,278,472
Interactive media and services – 3.6%		
Adevinta ASA (A)	42,634	566,353
Alphabet, Inc., Class A (A)	37,368	108,256,591
Alphabet, Inc., Class C (A)	34,738	100,517,529
Auto Trader Group PLC (B)	159,139	1,593,756
CarGurus, Inc. (A)	15,429	519,032
Cars.com, Inc. (A)	11,223	180,578
Eventbrite, Inc., Class A (A)	12,278	214,128
EverQuote, Inc., Class A (A)	3,567	55,859
FuboTV, Inc. (A)(C)	21,805	338,414
j2 Global, Inc. (A)	19,817	2,196,913
Kakaku.com, Inc.	22,300	596,152
Liberty TripAdvisor Holdings, Inc., Class A (A)	15,390	33,396
Match Group, Inc. (A)	35,499	4,694,743
MediaAlpha, Inc., Class A (A)	3,787	58,471
Meta Platforms, Inc., Class A (A)	293,998	98,886,227
QuinStreet, Inc. (A)	8,453	153,760
REA Group, Ltd.	8,772	1,069,672
Scout24 SE (B)	14,523	1,014,087
SEEK, Ltd.	55,753	1,329,133
TripAdvisor, Inc. (A)	26,319	717,456

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Interactive media and services (continued)		
TrueCar, Inc. (A)	17,658	\$ 60,037
Twitter, Inc. (A)	98,875	4,273,378
Yelp, Inc. (A)	29,870	1,082,489
Z Holdings Corp.	444,754	2,566,226
		<u>330,974,380</u>
Media – 0.8%		
Advantage Solutions, Inc. (A)	13,047	104,637
AMC Networks, Inc., Class A (A)	4,681	161,214
Audacy, Inc. (A)	22,099	56,794
Boston Omaha Corp., Class A (A)	3,085	88,632
Cable One, Inc.	1,317	2,322,464
Cardlytics, Inc. (A)	5,243	346,510
Charter Communications, Inc., Class A (A)	15,381	10,027,951
Clear Channel Outdoor Holdings, Inc. (A)	61,030	202,009
Comcast Corp., Class A	567,537	28,564,137
comScore, Inc. (A)	14,824	49,512
CyberAgent, Inc.	67,200	1,120,212
Daily Journal Corp. (A)	217	77,410
Dentsu Group, Inc.	35,865	1,276,551
Discovery, Inc., Series A (A)(C)	20,950	493,163
Discovery, Inc., Series C (A)	37,637	861,887
DISH Network Corp., Class A (A)	30,844	1,000,579
Embracer Group AB (A)	78,689	834,811
Entravision Communications Corp., Class A	10,666	72,315
Fox Corp., Class A	40,074	1,478,731
Fox Corp., Class B	18,376	629,746
Gannett Company, Inc. (A)	24,017	128,011
Gray Television, Inc.	13,764	277,482
Hakuhodo DY Holdings, Inc.	38,773	645,181
iHeartMedia, Inc., Class A (A)	18,296	384,948
Informa PLC (A)	249,490	1,746,823
Integral Ad Science Holding Corp. (A)	2,963	65,808
John Wiley & Sons, Inc., Class A	18,508	1,059,953
National CineMedia, Inc.	9,598	26,970
News Corp., Class A	48,475	1,081,477
News Corp., Class B	15,088	339,480
Omnicom Group, Inc.	26,567	1,946,564
Pearson PLC	125,581	1,041,787
Publicis Groupe SA	37,843	2,549,636
Schibsted ASA, B Shares	16,158	543,506
Schibsted ASA, Class A	12,138	467,977
Scholastic Corp.	4,241	169,470
Sinclair Broadcast Group, Inc., Class A	7,767	205,282
Stagwell, Inc. (A)	10,213	88,547
TechTarget, Inc. (A)	4,126	394,693
TEGNA, Inc.	94,390	1,751,878
The EW Scripps Company, Class A (A)	9,703	187,753
The Interpublic Group of Companies, Inc.	48,773	1,826,549
The New York Times Company, Class A	44,398	2,144,423
ViacomCBS, Inc., Class B	75,066	2,265,492
Vivendi SE	128,771	1,741,873
WideOpenWest, Inc. (A)	8,624	185,588
WPP PLC	197,941	3,014,191
		<u>76,050,607</u>
Wireless telecommunication services – 0.4%		
Gogo, Inc. (A)(C)	9,868	133,514
KDDI Corp.	267,743	7,829,796
Shenandoah Telecommunications Company	7,934	202,317
SoftBank Corp.	476,800	6,022,255
SoftBank Group Corp.	200,174	9,596,368
Tele2 AB, B Shares	83,133	1,185,947
Telephone & Data Systems, Inc.	16,175	325,926
T-Mobile US, Inc. (A)	72,678	8,429,194
United States Cellular Corp. (A)	2,466	77,728

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Wireless telecommunication services (continued)		
Vodafone Group PLC	4,590,283	\$ 6,914,049
		<u>40,717,094</u>
		<u>661,435,537</u>
Consumer discretionary – 12.2%		
Auto components – 0.5%		
Adient PLC (A)	40,352	1,932,054
Aisin Corp.	24,458	938,393
American Axle & Manufacturing Holdings, Inc. (A)	18,549	173,062
Aptiv PLC (A)	33,518	5,528,794
BorgWarner, Inc.	29,712	1,339,120
Bridgestone Corp.	94,806	4,070,273
Cie Generale des Etablissements Michelin SCA	28,123	4,606,103
Continental AG (A)	18,259	1,918,390
Cooper-Standard Holdings, Inc. (A)	3,251	72,855
Dana, Inc.	61,796	1,410,185
Denso Corp.	71,895	5,957,998
Dorman Products, Inc. (A)	4,199	474,529
Faurecia SE	19,475	926,543
Fox Factory Holding Corp. (A)	17,997	3,061,290
Genex Corp.	62,845	2,190,148
Gentherm, Inc. (A)	5,347	464,654
Koito Manufacturing Company, Ltd.	17,366	919,774
LCI Industries	3,970	618,804
Lear Corp.	15,841	2,898,111
Modine Manufacturing Company (A)	9,277	93,605
Motorcar Parts of America, Inc. (A)	3,659	62,459
Patrick Industries, Inc.	3,678	296,778
Standard Motor Products, Inc.	3,273	171,472
Stanley Electric Company, Ltd.	21,567	541,484
Stoneridge, Inc. (A)	4,706	92,896
Sumitomo Electric Industries, Ltd.	125,143	1,633,239
Tenneco, Inc., Class A (A)	11,453	129,419
The Goodyear Tire & Rubber Company (A)	119,305	2,543,583
Valeo	38,115	1,149,410
Visteon Corp. (A)	11,926	1,325,456
XPEL, Inc. (A)	2,867	195,759
		<u>47,736,640</u>
Automobiles – 2.3%		
Arcimoto, Inc. (A)(C)	5,013	39,001
Bayerische Motoren Werke AG	54,957	5,498,020
Canoo, Inc. (A)(C)	17,503	135,123
Daimler AG	142,060	10,853,972
Ferrari NV	20,922	5,385,447
Fisker, Inc. (A)(C)	26,442	415,933
Ford Motor Company	486,205	10,098,478
General Motors Company (A)	179,880	10,546,364
Harley-Davidson, Inc.	40,886	1,540,993
Honda Motor Company, Ltd.	270,573	7,698,000
Isuzu Motors, Ltd.	96,746	1,204,147
Lordstown Motors Corp., Class A (A)(C)	24,973	86,157
Mazda Motor Corp. (A)	94,400	724,321
Nissan Motor Company, Ltd. (A)	385,276	1,855,699
Renault SA (A)	31,905	1,106,795
Stellantis NV	337,864	6,378,391
Subaru Corp.	102,127	1,824,786
Suzuki Motor Corp.	61,143	2,357,847
Tesla, Inc. (A)	101,056	106,793,901
Thor Industries, Inc.	14,755	1,531,126
Toyota Motor Corp.	1,760,200	32,533,047
Volkswagen AG	5,388	1,575,094
Winnebago Industries, Inc.	5,164	386,887

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Automobiles (continued)		
Workhorse Group, Inc. (A)(C)	20,991	\$ 91,521
Yamaha Motor Company, Ltd.	49,413	1,186,856
		211,847,906
Distributors – 0.1%		
Funko, Inc., Class A (A)	4,654	87,495
Genuine Parts Company	17,745	2,487,849
LKQ Corp.	33,500	2,011,005
Pool Corp.	4,969	2,812,454
		7,398,803
Diversified consumer services – 0.1%		
2U, Inc. (A)	11,763	236,083
Adtalem Global Education, Inc. (A)	7,966	235,475
American Public Education, Inc. (A)	3,443	76,607
Carriage Services, Inc.	2,587	166,706
Coursera, Inc. (A)	11,076	270,697
European Wax Center, Inc., Class A (A)	1,989	60,366
Graham Holdings Company, Class B	1,647	1,037,330
Grand Canyon Education, Inc. (A)	10,648	912,640
H&R Block, Inc.	46,666	1,099,451
Houghton Mifflin Harcourt Company (A)	20,875	336,088
IDP Education, Ltd.	34,649	872,887
Laureate Education, Inc., Class A	16,745	204,959
OneSpaWorld Holdings, Ltd. (A)	9,100	91,182
Perdoceo Education Corp. (A)	11,842	139,262
PowerSchool Holdings, Inc., Class A (A)	8,240	135,713
Service Corp. International	43,818	3,110,640
Strategic Education, Inc.	4,086	236,334
Stride, Inc. (A)	6,538	217,912
Vivint Smart Home, Inc. (A)	15,705	153,595
WW International, Inc. (A)	8,884	143,299
		9,737,226
Hotels, restaurants and leisure – 1.8%		
Accel Entertainment, Inc. (A)	9,460	123,169
Accor SA (A)	28,250	915,679
Aristocrat Leisure, Ltd.	100,029	3,173,176
Bally's Corp. (A)	5,291	201,375
BJ's Restaurants, Inc. (A)	3,858	133,294
Bloomin' Brands, Inc. (A)	14,484	303,874
Bluegreen Vacations Holding Corp. (A)	2,471	86,732
Booking Holdings, Inc. (A)	5,088	12,207,282
Boyd Gaming Corp. (A)	21,791	1,428,836
Brinker International, Inc. (A)	7,431	271,900
Caesars Entertainment, Inc. (A)	26,446	2,473,494
Carnival Corp. (A)	98,945	1,990,773
Century Casinos, Inc. (A)	4,903	59,719
Chipotle Mexican Grill, Inc. (A)	3,481	6,085,658
Choice Hotels International, Inc.	8,721	1,360,389
Churchill Downs, Inc.	9,147	2,203,512
Chuy's Holdings, Inc. (A)	3,608	108,673
Compass Group PLC (A)	296,119	6,666,730
Cracker Barrel Old Country Store, Inc.	10,119	1,301,708
Crown Resorts, Ltd. (A)	61,819	538,127
Darden Restaurants, Inc.	16,148	2,432,535
Dave & Buster's Entertainment, Inc. (A)	7,070	271,488
Del Taco Restaurants, Inc.	6,235	77,626
Denny's Corp. (A)	10,510	168,160
Dine Brands Global, Inc.	2,622	198,774
Domino's Pizza Enterprises, Ltd.	10,054	862,950
Domino's Pizza, Inc.	4,566	2,576,731
El Pollo Loco Holdings, Inc. (A)	3,782	53,667
Entain PLC (A)	97,199	2,221,646
Esports Technologies, Inc. (A)	1,495	30,737
Everi Holdings, Inc. (A)	13,917	297,128
Evolution AB (B)	28,564	4,037,263

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hotels, restaurants and leisure (continued)		
Expedia Group, Inc. (A)	18,003	\$ 3,253,502
F45 Training Holdings, Inc. (A)(C)	4,018	43,756
Flutter Entertainment PLC (A)	27,655	4,378,164
Full House Resorts, Inc. (A)	5,750	69,633
Galaxy Entertainment Group, Ltd. (A)	361,153	1,873,518
GAN, Ltd. (A)	7,366	67,694
Genting Singapore, Ltd.	1,003,721	577,349
Golden Entertainment, Inc. (A)	2,877	145,375
Golden Nugget Online Gaming, Inc. (A)	6,976	69,411
Hilton Grand Vacations, Inc. (A)	13,994	729,227
Hilton Worldwide Holdings, Inc. (A)	34,531	5,386,491
InterContinental Hotels Group PLC (A)	30,411	1,966,042
International Game Technology PLC	16,300	471,233
Jack in the Box, Inc.	9,321	815,401
Krispy Kreme, Inc.	3,746	70,874
Kura Sushi USA, Inc., Class A (A)	574	46,402
La Francaise des Jeux SAEM (B)	15,852	702,524
Las Vegas Sands Corp. (A)	42,599	1,603,426
Life Time Group Holdings, Inc. (A)	5,617	96,669
Lindblad Expeditions Holdings, Inc. (A)	5,569	86,876
Marriott International, Inc., Class A (A)	33,895	5,600,810
Marriott Vacations Worldwide Corp.	11,318	1,912,516
McDonald's Corp.	93,097	24,956,513
McDonald's Holdings Company Japan, Ltd. (C)	13,261	586,879
Melco Resorts & Entertainment, Ltd., ADR (A)	35,800	364,444
MGM Resorts International	49,558	2,224,163
Monarch Casino & Resort, Inc. (A)	2,218	164,021
NeoGames SA (A)	1,518	42,170
Noodles & Company (A)	7,500	68,025
Norwegian Cruise Line Holdings, Ltd. (A)	45,849	950,908
ONE Group Hospitality, Inc. (A)	4,021	50,705
Oriental Land Company, Ltd.	33,200	5,598,419
Papa John's International, Inc.	13,965	1,863,909
Penn National Gaming, Inc. (A)	20,577	1,066,917
PlayAGS, Inc. (A)	4,132	28,056
Portillo's, Inc., Class A (A)(C)	3,350	125,759
RCI Hospitality Holdings, Inc.	1,490	116,041
Red Robin Gourmet Burgers, Inc. (A)	3,051	50,433
Red Rock Resorts, Inc., Class A	9,710	534,147
Royal Caribbean Cruises, Ltd. (A)	27,772	2,135,667
Rush Street Interactive, Inc. (A)	8,776	144,804
Ruth's Hospitality Group, Inc. (A)	5,793	115,281
Sands China, Ltd. (A)	403,082	935,471
Scientific Games Corp. (A)	41,251	2,756,804
SeaWorld Entertainment, Inc. (A)	8,331	540,349
Shake Shack, Inc., Class A (A)	6,111	440,970
Six Flags Entertainment Corp. (A)	20,562	875,530
Sodexo SA	14,685	1,287,404
Starbucks Corp.	146,100	17,089,317
Tabcorp Holdings, Ltd.	368,753	1,347,169
Texas Roadhouse, Inc.	29,844	2,664,472
The Cheesecake Factory, Inc. (A)	7,564	296,131
The Wendy's Company	46,899	1,118,541
Travel + Leisure Company	22,930	1,267,341
Whitbread PLC (A)	33,527	1,363,799
Wingstop, Inc.	12,768	2,206,310
Wyndham Hotels & Resorts, Inc.	24,758	2,219,555
Wynn Resorts, Ltd. (A)	13,043	1,109,177
Yum! Brands, Inc.	36,633	5,086,858
		168,622,157
Household durables – 0.9%		
Barratt Developments PLC	169,191	1,718,047
Beazer Homes USA, Inc. (A)	4,956	115,078

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Household durables (continued)		
Casper Sleep, Inc. (A)	4,955	\$ 33,099
Cavco Industries, Inc. (A)	1,491	473,616
Century Communities, Inc.	4,825	394,637
D.R. Horton, Inc.	40,388	4,380,079
Electrolux AB, Series B	37,437	906,712
Ethan Allen Interiors, Inc.	3,788	99,587
Garmin, Ltd.	18,826	2,563,536
GoPro, Inc., Class A (A)	21,115	217,696
Green Brick Partners, Inc. (A)	5,094	154,501
Hilton Beach Brands Holding Company, Class B	853	12,249
Helen of Troy, Ltd. (A)	10,279	2,512,907
Hooker Furnishings Corp.	2,360	54,941
Hovnanian Enterprises, Inc., Class A (A)	882	112,270
Iida Group Holdings Company, Ltd.	24,400	567,482
Installed Building Products, Inc.	3,847	537,503
iRobot Corp. (A)	4,426	291,585
KB Home	35,482	1,587,110
La-Z-Boy, Inc.	7,198	261,359
Leggett & Platt, Inc.	35,439	1,458,669
Lennar Corp., A Shares	34,037	3,953,738
LGI Homes, Inc. (A)	3,498	540,371
Lifetime Brands, Inc.	2,079	33,202
M/I Homes, Inc. (A)	4,595	285,717
MDC Holdings, Inc.	9,114	508,835
Meritage Homes Corp. (A)	5,921	722,717
Mohawk Industries, Inc. (A)	6,928	1,262,143
Newell Brands, Inc.	46,912	1,024,558
NVR, Inc. (A)	417	2,463,999
Open House Company, Ltd.	13,600	710,689
Panasonic Corp.	366,609	4,030,055
Persimmon PLC	52,966	2,052,910
PulteGroup, Inc.	32,157	1,838,094
Purple Innovation, Inc. (A)	9,801	130,059
Rinnai Corp.	5,978	539,492
SEB SA	4,593	715,731
Sekisui Chemical Company, Ltd.	62,644	1,047,667
Sekisui House, Ltd.	102,326	2,201,619
Sharp Corp.	35,500	407,702
Skyline Champion Corp. (A)	8,543	674,726
Snap One Holdings Corp. (A)	1,746	36,806
Sonos, Inc. (A)	19,498	581,040
Sony Group Corp.	209,300	26,430,022
Taylor Morrison Home Corp. (A)	51,878	1,813,655
Taylor Wimpey PLC	605,269	1,443,039
Tempur Sealy International, Inc.	51,151	2,405,632
The Berkeley Group Holdings PLC	18,654	1,207,942
The Lovesac Company (A)	2,115	140,140
Toll Brothers, Inc.	30,401	2,200,728
TopBuild Corp. (A)	8,748	2,413,661
Traeger, Inc. (A)	3,966	48,227
Tri Pointe Homes, Inc. (A)	47,403	1,322,070
Tupperware Brands Corp. (A)	8,202	125,409
Universal Electronics, Inc. (A)	2,238	91,199
Vuzix Corp. (A)(C)	10,114	87,688
Weber, Inc., Class A (C)	3,473	44,906
Whirlpool Corp.	7,769	1,823,074
		85,811,925
Internet and direct marketing retail – 2.3%		
1-800-Flowers.com, Inc., Class A (A)	4,241	99,112
Amazon.com, Inc. (A)	54,186	180,674,548
CarParts.com, Inc. (A)	8,508	95,290
Delivery Hero SE (A)(B)	26,889	2,976,358
eBay, Inc.	77,869	5,178,289
Etsy, Inc. (A)	15,684	3,433,855

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Internet and direct marketing retail (continued)		
Fiverr International, Ltd. (A)	4,900	\$ 557,130
Groupon, Inc. (A)(C)	4,004	92,733
Just Eat Takeaway.com NV (A)(B)	29,927	1,625,960
Lands' End, Inc. (A)	2,523	49,526
Liquidity Services, Inc. (A)	4,573	100,972
Magnite, Inc. (A)	21,229	371,508
Mercari, Inc. (A)	17,100	870,004
Overstock.com, Inc. (A)	7,016	414,014
PetMed Express, Inc. (C)	3,242	81,893
Porch Group, Inc. (A)(C)	12,653	197,260
Prosus NV (A)	154,886	12,828,433
Quotient Technology, Inc. (A)	15,233	113,029
Rakuten Group, Inc.	144,105	1,445,843
Revolve Group, Inc. (A)	5,863	328,563
Shutterstock, Inc.	3,793	420,568
Stitch Fix, Inc., Class A (A)	12,967	245,336
The RealReal, Inc. (A)	12,937	150,199
Xometry, Inc., Class A (A)	1,440	73,800
Zalando SE (A)(B)	36,898	2,972,373
ZOZO, Inc.	20,700	645,429
		216,042,025
Leisure products – 0.2%		
Acushnet Holdings Corp.	5,521	293,055
American Outdoor Brands, Inc. (A)	2,388	47,593
AMMO, Inc. (A)(C)	14,868	81,031
Bandai Namco Holdings, Inc.	33,193	2,595,307
Brunswick Corp.	20,485	2,063,454
Callaway Golf Company (A)	50,076	1,374,085
Clarus Corp.	4,206	116,590
Escalade, Inc.	2,536	40,043
Genius Brands International, Inc. (A)(C)	52,409	55,029
Hasbro, Inc.	16,037	1,632,246
Johnson Outdoors, Inc., Class A	909	85,164
Latham Group, Inc. (A)	4,663	116,715
Malibu Boats, Inc., Class A (A)	3,380	232,307
MasterCraft Boat Holdings, Inc. (A)	3,430	97,172
Mattel, Inc. (A)	93,088	2,006,977
Nautilus, Inc. (A)	5,666	34,733
Polaris, Inc.	15,156	1,665,796
Shimano, Inc.	12,281	3,270,667
Smith & Wesson Brands, Inc.	7,834	139,445
Sturm Ruger & Company, Inc.	2,769	188,347
Vista Outdoor, Inc. (A)	9,240	425,687
Yamaha Corp.	22,273	1,098,848
YETI Holdings, Inc. (A)	23,287	1,928,862
		19,589,153
Multiline retail – 0.5%		
Big Lots, Inc.	5,273	237,549
Dillard's, Inc., Class A (C)	950	232,769
Dollar General Corp.	29,268	6,902,272
Dollar Tree, Inc. (A)	27,680	3,889,594
Franchise Group, Inc.	4,734	246,925
Kohl's Corp.	39,998	1,975,501
Macy's, Inc.	133,087	3,484,218
Next PLC	22,067	2,440,677
Nordstrom, Inc. (A)	29,559	668,625
Ollie's Bargain Outlet Holdings, Inc. (A)	16,080	823,135
Pan Pacific International Holdings Corp.	68,400	942,814
Ryohin Keikaku Company, Ltd.	41,960	639,807
Target Corp.	60,583	14,021,330

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Multiline retail (continued)		
Wesfarmers, Ltd.	188,199	\$ 8,120,115
		44,625,331
Specialty retail – 1.9%		
Abercrombie & Fitch Company, Class A (A)	9,547	332,522
Academy Sports & Outdoors, Inc. (A)	12,525	549,848
Advance Auto Parts, Inc.	8,108	1,944,947
American Eagle Outfitters, Inc.	65,539	1,659,447
America's Car-Mart, Inc. (A)	1,009	103,322
Arko Corp. (A)	17,503	153,501
Asbury Automotive Group, Inc. (A)	3,605	622,692
AutoNation, Inc. (A)	10,622	1,241,181
AutoZone, Inc. (A)	2,597	5,444,325
Barnes & Noble Education, Inc. (A)	7,147	48,671
Bath & Body Works, Inc.	32,805	2,289,461
Bed Bath & Beyond, Inc. (A)	16,730	243,923
Best Buy Company, Inc.	27,932	2,837,891
Big 5 Sporting Goods Corp. (C)	3,607	68,569
Boot Barn Holdings, Inc. (A)	4,753	584,857
Caleres, Inc.	6,204	140,707
Camping World Holdings, Inc., Class A	6,860	277,144
CarLotz, Inc. (A)(C)	13,757	31,228
CarMax, Inc. (A)	20,189	2,629,213
Chico's FAS, Inc. (A)	20,603	110,844
Chow Tai Fook Jewellery Group, Ltd. (A)	332,000	598,224
Citi Trends, Inc. (A)	1,462	138,525
Conn's, Inc. (A)	3,197	75,193
Designer Brands, Inc., Class A (A)	10,199	144,928
Dick's Sporting Goods, Inc. (C)	17,242	1,982,658
Fast Retailing Company, Ltd.	9,646	5,483,216
Five Below, Inc. (A)	14,885	3,079,558
Foot Locker, Inc.	23,997	1,046,989
GameStop Corp., Class A (A)(C)	16,463	2,442,945
Genesco, Inc. (A)	2,394	153,623
Group 1 Automotive, Inc.	2,825	551,497
GrowGeneration Corp. (A)	9,208	120,164
Guess?, Inc.	6,550	155,104
Haverty Furniture Companies, Inc.	2,778	84,923
Hennes & Mauritz AB, B Shares	121,223	2,378,650
Hibbett, Inc.	2,471	177,739
Hikari Tsushin, Inc.	3,500	539,026
Industria de Diseno Textil SA	181,058	5,839,126
JD Sports Fashion PLC	428,564	1,263,622
Kingfisher PLC	350,478	1,612,109
Lithia Motors, Inc.	8,046	2,389,260
Lowe's Companies, Inc.	85,942	22,214,288
Lumber Liquidators Holdings, Inc. (A)	5,035	85,947
MarineMax, Inc. (A)	3,376	199,319
Monro, Inc.	5,440	316,989
Murphy USA, Inc.	10,157	2,023,681
National Vision Holdings, Inc. (A)	13,247	635,724
Nitori Holdings Company, Ltd.	13,311	1,990,946
OneWater Marine, Inc., Class A	1,744	106,332
O'Reilly Automotive, Inc. (A)	8,328	5,881,483
Party City Holdco, Inc. (A)	19,063	106,181
Rent-A-Center, Inc.	10,671	512,635
RH (A)	4,609	2,470,147
Ross Stores, Inc.	44,250	5,056,890
Sally Beauty Holdings, Inc. (A)	18,191	335,806
Shift Technologies, Inc. (A)(C)	11,775	40,153
Shoe Carnival, Inc.	3,009	117,592
Signet Jewelers, Ltd.	8,508	740,451
Sleep Number Corp. (A)	3,640	278,824
Sonic Automotive, Inc., Class A	3,559	175,993
Sportsman's Warehouse Holdings, Inc. (A)	7,152	84,394

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Specialty retail (continued)		
The Aaron's Company, Inc.	5,400	\$ 133,110
The Buckle, Inc.	4,817	203,807
The Cato Corp., Class A	3,648	62,600
The Children's Place, Inc. (A)	2,349	186,252
The Container Store Group, Inc. (A)	5,591	55,798
The Gap, Inc.	26,669	470,708
The Home Depot, Inc.	131,030	54,378,760
The ODP Corp. (A)	7,531	295,818
The TJX Companies, Inc.	149,494	11,349,584
Tilly's, Inc., Class A	4,041	65,101
Tractor Supply Company	14,167	3,380,246
TravelCenters of America, Inc. (A)	2,077	107,215
Ulta Beauty, Inc. (A)	6,785	2,797,727
Urban Outfitters, Inc. (A)	28,694	842,456
USS Company, Ltd.	36,348	567,891
Victoria's Secret & Company (A)	19,251	1,069,201
Williams-Sonoma, Inc.	19,760	3,342,009
Winmark Corp.	593	147,236
Zumiez, Inc. (A)	3,600	172,764
		174,573,430
Textiles, apparel and luxury goods – 1.6%		
adidas AG	31,602	9,099,646
Burberry Group PLC	67,202	1,658,696
Capri Holdings, Ltd. (A)	39,978	2,594,972
Carter's, Inc.	11,230	1,136,701
Cie Financiere Richemont SA, A Shares	86,643	12,947,481
Columbia Sportswear Company	9,184	894,889
Cross, Inc. (A)	25,059	3,213,065
Deckers Outdoor Corp. (A)	7,293	2,671,499
EssilorLuxottica SA	47,660	10,145,708
Fossil Group, Inc. (A)	8,688	89,400
G-III Apparel Group, Ltd. (A)	7,450	205,918
Hanesbrands, Inc.	92,786	1,551,382
Hermes International	5,257	9,185,941
Kering SA	12,451	9,990,079
Kontoor Brands, Inc.	8,498	435,523
LVMH Moet Hennessy Louis Vuitton SE	46,080	38,082,061
Moncler SpA	34,070	2,462,179
Movado Group, Inc.	2,645	110,640
NIKE, Inc., Class B	158,366	26,394,861
Oxford Industries, Inc.	2,644	268,419
Pandora A/S	16,598	2,064,640
PLBY Group, Inc. (A)	4,383	116,763
Puma SE	17,524	2,140,105
PVH Corp.	8,842	942,999
Ralph Lauren Corp.	6,025	716,132
Rocky Brands, Inc.	1,293	51,461
Skechers USA, Inc., Class A (A)	35,845	1,555,673
Steven Madden, Ltd.	13,141	610,662
Superior Group of Companies, Inc.	1,439	31,572
Tapestry, Inc.	34,553	1,402,852
The Swatch Group AG	8,731	510,472
The Swatch Group AG, Bearer Shares	4,803	1,462,686
Under Armour, Inc., Class A (A)	23,374	495,295
Under Armour, Inc., Class C (A)	25,823	465,847
Vera Bradley, Inc. (A)	5,161	43,920
VF Corp.	40,381	2,956,697
Wolverine World Wide, Inc.	13,377	385,391
		149,092,227
		1,135,076,823
Consumer staples – 6.8%		
Beverages – 1.4%		
Anheuser-Busch InBev SA/NV	126,472	7,624,991
Asahi Group Holdings, Ltd.	75,781	2,950,062

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Beverages (continued)		
Brown-Forman Corp., Class B	22,640	\$ 1,649,550
Budweiser Brewing Company APAC, Ltd. (B)	285,800	751,355
Carlsberg A/S, Class B	16,665	2,877,174
Celsius Holdings, Inc. (A)	8,795	655,843
Coca-Cola Consolidated, Inc.	761	471,204
Coca-Cola Europacific Partners PLC	34,058	1,904,864
Coca-Cola HBC AG (A)	33,325	1,153,889
Constellation Brands, Inc., Class A	20,231	5,077,374
Davide Campari-Milano NV	86,762	1,266,054
Diageo PLC	387,398	21,181,388
Heineken Holding NV	19,123	1,763,233
Heineken NV	43,023	4,841,795
Ito En, Ltd.	8,900	467,626
Kirin Holdings Company, Ltd. (C)	136,492	2,198,459
MGP Ingredients, Inc.	2,366	201,086
Molson Coors Beverage Company, Class B	23,343	1,081,948
Monster Beverage Corp. (A)	46,529	4,468,645
National Beverage Corp. (C)	3,840	174,067
PepsiCo, Inc.	172,121	29,899,139
Pernod Ricard SA	34,774	8,365,847
Primo Water Corp.	25,390	447,626
Remy Cointreau SA	3,774	917,343
Suntory Beverage & Food, Ltd.	23,059	835,035
The Boston Beer Company, Inc., Class A (A)	2,494	1,259,719
The Coca-Cola Company	483,938	28,653,969
The Duckhorn Portfolio, Inc. (A)	4,702	109,745
Treasury Wine Estates, Ltd.	119,815	1,080,292
		134,329,322
Food and staples retailing – 1.4%		
Aeon Company, Ltd.	108,578	2,558,769
BJ's Wholesale Club Holdings, Inc. (A)	58,408	3,911,584
Carrefour SA	104,656	1,918,709
Casey's General Stores, Inc.	9,858	1,945,476
Coles Group, Ltd.	221,410	2,888,976
Cosmos Pharmaceutical Corp.	3,300	485,142
Costco Wholesale Corp.	54,776	31,096,335
Endeavour Group, Ltd.	222,630	1,092,524
Etablissements Franz Colruyt NV	9,040	383,589
Grocery Outlet Holding Corp. (A)	23,216	656,548
HelloFresh SE (A)	27,416	2,101,109
HF Foods Group, Inc. (A)	6,434	54,432
ICA Gruppen AB	16,694	986,898
Ingles Markets, Inc., Class A	2,277	196,596
J Sainsbury PLC	290,261	1,084,985
Jeronimo Martins SGPS SA	47,003	1,074,757
Kesko OYJ, B Shares	45,335	1,511,051
Kobe Bussan Company, Ltd.	22,700	878,887
Koninklijke Ahold Delhaize NV	173,574	5,956,424
Lawson, Inc.	8,289	393,308
Ocado Group PLC (A)	80,993	1,842,699
Performance Food Group Company (A)	65,600	3,010,384
PriceSmart, Inc.	3,834	280,534
Rite Aid Corp. (A)(C)	9,310	136,764
Seven & i Holdings Company, Ltd.	125,029	5,499,775
SpartanNash Company	5,997	154,483
Sprouts Farmers Market, Inc. (A)	48,136	1,428,676
Sysco Corp.	63,389	4,979,206
Tesco PLC	1,283,334	5,052,580
The Andersons, Inc.	5,240	202,840
The Chefs' Warehouse, Inc. (A)	5,176	172,361
The Kroger Company	84,256	3,813,427
Tsuruha Holdings, Inc.	6,598	633,532
United Natural Foods, Inc. (A)	9,074	445,352

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food and staples retailing (continued)		
Village Super Market, Inc., Class A	1,739	\$ 40,675
Walgreens Boots Alliance, Inc.	88,959	4,640,101
Walmart, Inc.	177,077	25,621,271
Weis Markets, Inc.	2,684	176,822
Welcia Holdings Company, Ltd.	15,700	490,358
Woolworths Group, Ltd.	210,409	5,816,447
		125,614,386
Food products – 1.7%		
Ajinomoto Company, Inc.	77,496	2,359,142
AppHarvest, Inc. (A)(C)	12,415	48,294
Archer-Daniels-Midland Company	69,310	4,684,663
Associated British Foods PLC	59,132	1,618,676
B&G Foods, Inc. (C)	10,339	317,717
Barry Callebaut AG	592	1,437,169
Calavo Growers, Inc.	3,014	127,794
Cal-Maine Foods, Inc.	5,603	207,255
Campbell Soup Company	25,159	1,093,410
Chocoladefabriken Lindt & Spruengli AG	18	2,412,984
Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	176	2,437,325
Conagra Brands, Inc.	59,517	2,032,506
Danone SA	108,430	6,739,950
Darling Ingredients, Inc. (A)	42,994	2,979,054
Flowers Foods, Inc.	52,799	1,450,389
Fresh Del Monte Produce, Inc.	5,620	155,112
General Mills, Inc.	75,123	5,061,788
Hormel Foods Corp.	34,927	1,704,787
Hostess Brands, Inc. (A)	21,174	432,373
Ingredion, Inc.	17,679	1,708,499
J&J Snack Foods Corp.	2,366	373,733
JDE Peet's NV	16,663	515,752
John B. Sanfilippo & Son, Inc.	1,455	131,183
Kellogg Company	31,678	2,040,697
Kerry Group PLC, Class A	25,244	3,256,871
Kerry Group PLC, Class A (London Stock Exchange)	1,204	154,216
Kikkoman Corp.	24,146	2,033,360
Lamb Weston Holdings, Inc.	17,981	1,139,636
Lancaster Colony Corp.	8,305	1,375,308
Landec Corp. (A)	5,408	60,029
Limoneira Company	3,659	54,885
McCormick & Company, Inc.	30,877	2,983,027
MEIJI Holdings Company, Ltd.	20,300	1,211,783
Mission Produce, Inc. (A)	5,860	92,002
Mondelez International, Inc., Class A	173,201	11,484,958
Mowi ASA	72,957	1,726,653
Nestle SA	467,244	65,235,340
Nisshin Seifun Group, Inc.	32,800	473,185
Nissin Foods Holdings Company, Ltd.	10,575	771,799
Orkla ASA	124,666	1,249,597
Pilgrim's Pride Corp. (A)	12,949	365,162
Post Holdings, Inc. (A)	15,554	1,753,402
Sanderson Farms, Inc.	8,896	1,699,848
Seneca Foods Corp., Class A (A)	1,136	54,471
Sovos Brands, Inc. (A)	2,718	40,906
Tattooed Chef, Inc. (A)	7,579	117,778
The Hain Celestial Group, Inc. (A)	24,679	1,051,572
The Hershey Company	18,019	3,486,136
The J.M. Smucker Company	13,425	1,823,384
The Kraft Heinz Company	88,512	3,177,581
The Simply Good Foods Company (A)	13,794	573,417
Tootsie Roll Industries, Inc.	2,506	90,792
Toyo Suisan Kaisha, Ltd.	14,750	625,376
TreeHouse Foods, Inc. (A)	8,447	342,357
Tyson Foods, Inc., Class A	36,530	3,183,955

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food products (continued)		
Utz Brands, Inc.	9,660	\$ 154,077
Vital Farms, Inc. (A)	4,707	85,008
WH Group, Ltd. (B)	1,384,500	869,124
Whole Earth Brands, Inc. (A)	6,899	74,095
Wilmar International, Ltd.	318,903	981,447
Yakult Honsha Company, Ltd.	21,303	1,111,361
		<hr/> 157,034,150
Household products – 1.0%		
Central Garden & Pet Company (A)	2,522	132,733
Central Garden & Pet Company, Class A (A)	5,521	264,180
Church & Dwight Company, Inc.	30,425	3,118,563
Colgate-Palmolive Company	104,518	8,919,566
Energizer Holdings, Inc.	27,818	1,115,502
Essity AB, B Shares	101,015	3,295,594
Henkel AG & Company KGaA	17,248	1,344,501
Kimberly-Clark Corp.	41,727	5,963,623
Lion Corp.	37,200	497,291
Oil-Dri Corp. of America	1,297	42,451
Reckitt Benckiser Group PLC	118,548	10,205,040
The Clorox Company	15,217	2,653,236
The Procter & Gamble Company	300,778	49,201,265
Unicharm Corp.	67,000	2,914,980
WD-40 Company	2,188	535,272
		<hr/> 90,203,797
Personal products – 0.7%		
Beiersdorf AG	16,731	1,715,012
BellRing Brands, Inc., Class A (A)	6,697	191,065
Coty, Inc., Class A (A)	89,165	936,233
Edgewell Personal Care Company	8,799	402,202
elf Beauty, Inc. (A)	7,840	260,366
Inter Parfums, Inc.	2,908	310,865
Kao Corp.	78,875	4,131,023
Kobayashi Pharmaceutical Company, Ltd.	8,900	700,052
Kose Corp.	5,500	623,931
L'Oreal SA	41,654	19,861,155
Medifast, Inc.	1,876	392,891
Nu Skin Enterprises, Inc., Class A	21,361	1,084,071
Pola Orbis Holdings, Inc.	15,172	252,853
Shiseido Company, Ltd.	66,360	3,701,990
The Beauty Health Company (A)	14,059	339,665
The Estee Lauder Companies, Inc., Class A	28,734	10,637,327
The Honest Company, Inc. (A)	12,757	103,204
Unilever PLC	430,749	23,108,154
USANA Health Sciences, Inc. (A)	1,890	191,268
Veru, Inc. (A)	10,866	64,001
		<hr/> 69,007,328
Tobacco – 0.6%		
22nd Century Group, Inc. (A)(C)	28,685	88,637
Altria Group, Inc.	228,497	10,828,473
British American Tobacco PLC	361,828	13,435,291
Imperial Brands PLC	157,088	3,442,551
Japan Tobacco, Inc.	199,166	4,021,548
Philip Morris International, Inc.	193,116	18,346,020
Swedish Match AB	262,254	2,081,951
Turning Point Brands, Inc.	2,441	92,221
Universal Corp.	3,720	204,302
Vector Group, Ltd.	23,488	269,642
		<hr/> 52,810,636
		<hr/> 628,999,619

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Energy – 2.8%		
Energy equipment and services – 0.2%		
Archrock, Inc.	23,163	\$ 173,259
Aspen Aerogels, Inc. (A)	3,567	177,601
Baker Hughes Company	109,738	2,640,296
Bristow Group, Inc. (A)	3,646	115,469
Cactus, Inc., Class A	8,874	338,366
ChampionX Corp. (A)	86,865	1,755,542
DMC Global, Inc. (A)	3,121	123,623
Dril-Quip, Inc. (A)	6,049	119,044
Expro Group Holdings NV (A)	6,353	91,166
FTS International, Inc., Class A (A)	1,161	30,476
Halliburton Company	110,340	2,523,476
Helix Energy Solutions Group, Inc. (A)	25,850	80,652
Helmerich & Payne, Inc.	17,052	404,132
Liberty Oilfield Services, Inc., Class A (A)	15,506	150,408
Nabors Industries, Ltd. (A)	1,263	102,417
National Energy Services Reunited Corp. (A)	6,472	61,160
Newpark Resources, Inc. (A)	15,959	46,919
NexTier Oilfield Solutions, Inc. (A)	30,851	109,521
NOV, Inc.	103,810	1,406,626
Oceaneering International, Inc. (A)	16,534	187,000
Oil States International, Inc. (A)	11,965	59,466
Patterson-UTI Energy, Inc.	30,891	261,029
ProPetro Holding Corp. (A)	14,245	115,385
RPC, Inc. (A)	12,911	58,616
Schlumberger NV	173,278	5,189,676
Select Energy Services, Inc., Class A (A)	12,222	76,143
Tenaris SA	78,379	818,042
TETRA Technologies, Inc. (A)	23,211	65,919
Tidewater, Inc. (A)	7,583	81,214
U.S. Silica Holdings, Inc. (A)	12,237	115,028
		<hr/> 17,477,671
Oil, gas and consumable fuels – 2.6%		
Aemetis, Inc. (A)	4,405	54,182
Aker BP ASA	20,920	643,261
Alto Ingredients, Inc. (A)	12,006	57,749
Altus Midstream Company, Class A	493	30,226
Ampol, Ltd.	39,554	854,087
Antero Midstream Corp.	86,276	835,152
Antero Resources Corp. (A)	46,466	813,155
APA Corp.	46,840	1,259,528
Arch Resources, Inc.	2,412	220,264
Berry Corp.	11,684	98,379
BP PLC	3,339,726	14,964,047
Brigham Minerals, Inc., Class A	7,672	161,802
California Resources Corp.	13,123	560,483
Callon Petroleum Company (A)(C)	7,579	358,108
Centennial Resource Development, Inc., Class A (A)	29,326	175,369
Centrus Energy Corp., Class A (A)	1,615	80,605
Chesapeake Energy Corp.	16,999	1,096,775
Chevron Corp.	239,628	28,120,346
Civitas Resources, Inc.	7,088	347,099
Clean Energy Fuels Corp. (A)	25,258	154,832
CNX Resources Corp. (A)	90,381	1,242,739
Comstock Resources, Inc. (A)	15,406	124,635
ConocoPhillips	163,821	11,824,600
CONSOL Energy, Inc. (A)	5,650	128,312
Coterra Energy, Inc.	100,664	1,912,616
Crescent Energy, Inc., Class A (A)	5,363	68,003
CVR Energy, Inc.	4,901	82,386
Delek US Holdings, Inc. (A)	10,882	163,121
Denbury, Inc. (A)	8,253	632,097
Devon Energy Corp.	78,014	3,436,517

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
DHT Holdings, Inc.	22,723	\$ 117,932
Diamondback Energy, Inc.	21,088	2,274,341
Dorian LPG, Ltd.	4,865	61,737
DT Midstream, Inc.	25,702	1,233,182
ENEOS Holdings, Inc.	509,411	1,903,063
Energy Fuels, Inc. (A)	24,177	184,471
Eni SpA	418,931	5,822,208
EOG Resources, Inc.	72,345	6,426,406
EQT Corp. (A)	80,339	1,752,194
Equinor ASA	162,217	4,295,390
Equitrans Midstream Corp.	174,422	1,803,523
Exxon Mobil Corp.	527,000	32,247,130
Frontline, Ltd. (A)(C)	19,276	136,281
Galp Energia SGPS SA	83,201	807,311
Gevo, Inc. (A)(C)	32,204	137,833
Golar LNG, Ltd. (A)	16,876	209,094
Green Plains, Inc. (A)	7,800	271,128
Hess Corp.	34,150	2,528,125
HollyFrontier Corp.	39,722	1,302,087
Idemitsu Kosan Company, Ltd.	34,586	882,626
Inpex Corp.	169,941	1,477,738
International Seaways, Inc.	7,862	115,414
Kinder Morgan, Inc.	241,523	3,830,555
Kosmos Energy, Ltd. (A)	69,640	240,954
Laredo Petroleum, Inc. (A)	2,084	125,311
Lundin Energy AB	33,221	1,188,739
Magnolia Oil & Gas Corp., Class A	22,847	431,123
Marathon Oil Corp.	97,689	1,604,053
Marathon Petroleum Corp.	76,699	4,907,969
Matador Resources Company	18,089	667,846
Murphy Oil Corp.	62,536	1,632,815
Neste OYJ	70,222	3,456,030
Nordic American Tankers, Ltd. (C)	29,813	50,384
Northern Oil and Gas, Inc.	8,641	177,832
Oasis Petroleum, Inc.	3,159	398,002
Occidental Petroleum Corp.	109,912	3,186,349
OMV AG	24,444	1,382,375
ONEOK, Inc.	55,221	3,244,786
Ovintiv, Inc.	42,564	1,434,407
Par Pacific Holdings, Inc. (A)	7,852	129,479
PBF Energy, Inc., Class A (A)	15,890	206,093
PDC Energy, Inc.	15,917	776,431
Peabody Energy Corp. (A)	13,854	139,510
Phillips 66	54,271	3,932,477
Pioneer Natural Resources Company	28,113	5,113,192
Range Resources Corp. (A)	38,844	692,589
Ranger Oil Corp., Class A (A)	3,120	83,990
Renewable Energy Group, Inc. (A)	7,267	308,411
Repsol SA	240,847	2,852,381
REX American Resources Corp. (A)	935	89,760
Royal Dutch Shell PLC, A Shares	680,736	14,917,921
Royal Dutch Shell PLC, B Shares	611,156	13,418,889
Santos, Ltd.	516,775	2,380,509
Scorpio Tankers, Inc.	7,930	101,583
SFL Corp., Ltd.	17,209	140,253
SM Energy Company	19,464	573,799
Southwestern Energy Company (A)	161,095	750,703
Talos Energy, Inc. (A)	6,791	66,552
Targa Resources Corp.	60,839	3,178,229
Teekay Tankers, Ltd., Class A (A)	4,002	43,622
Tellurian, Inc. (A)	59,397	182,943
The Williams Companies, Inc.	150,543	3,920,140
TotalEnergies SE	416,355	21,192,556
Uranium Energy Corp. (A)	39,695	132,978
Ur-Energy, Inc. (A)(C)	30,865	37,655

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Valero Energy Corp.	50,657	\$ 3,804,847
W&T Offshore, Inc. (A)	15,862	51,234
Washington H. Soul Pattinson & Company, Ltd.	35,939	774,579
Whiting Petroleum Corp. (A)	6,363	411,559
Woodside Petroleum, Ltd.	159,939	2,549,741
World Fuel Services Corp.	9,991	264,462
		247,668,286
		265,145,957
Financials – 12.8%		
Banks – 5.6%		
1st Source Corp.	2,514	124,694
ABN AMRO Bank NV (B)	70,212	1,032,095
Allegiance Bancshares, Inc.	3,360	141,826
Amalgamated Financial Corp.	2,860	47,962
Amerant Bancorp, Inc.	3,716	128,388
American National Bankshares, Inc.	2,209	83,235
Ameris Bancorp	10,843	538,680
Arrow Financial Corp.	2,651	93,395
Associated Banc-Corp.	63,751	1,440,135
Atlantic Capital Bancshares, Inc. (A)	3,573	102,795
Atlantic Union Bankshares Corp.	12,304	458,816
Australia & New Zealand Banking Group, Ltd.	472,534	9,465,485
Bank of California, Inc.	8,038	157,706
BancFirst Corp.	2,513	177,317
Banco Bilbao Vizcaya Argentaria SA	1,106,759	6,564,165
Banco Espirito Santo SA (A)	625,609	188
Banco Santander SA	2,878,257	9,558,911
Bank First Corp. (C)	1,100	79,464
Bank Hapoalim BM	188,555	1,940,600
Bank Leumi Le-Israel BM	241,157	2,586,653
Bank of America Corp.	894,707	39,805,514
Bank of Hawaii Corp.	10,755	900,839
Bank of Marin Bancorp	3,010	112,062
Bank OZK	32,120	1,494,544
BankUnited, Inc.	14,146	598,517
Banner Corp.	5,242	318,032
Bar Harbor Bankshares	3,156	91,303
Barclays PLC	2,809,631	7,156,862
Berkshire Hills Bancorp, Inc.	8,090	229,999
Blue Ridge Bankshares, Inc. (C)	4,058	72,638
BNP Paribas SA	186,702	12,908,768
BOC Hong Kong Holdings, Ltd.	614,241	2,014,406
Brookline Bancorp, Inc.	12,835	207,799
Bryn Mawr Bank Corp.	3,181	143,177
Business First Bancshares, Inc.	3,662	103,671
Byline Bancorp, Inc.	4,268	116,730
Cadence Bank	82,285	2,451,270
CaixaBank SA	735,861	2,010,106
Cambridge Bancorp	1,128	105,570
Camden National Corp.	2,511	120,930
Capital City Bank Group, Inc.	2,514	66,370
Capstar Financial Holdings, Inc.	3,925	82,543
Carter Bankshares, Inc. (A)	4,625	71,179
Cathay General Bancorp	32,203	1,384,407
CBTX, Inc.	3,044	88,276
Central Pacific Financial Corp.	4,345	122,399
CIT Group, Inc.	42,379	2,175,738
Citigroup, Inc.	246,362	14,877,801
Citizens & Northern Corp.	3,072	80,241
Citizens Financial Group, Inc.	52,795	2,494,564
City Holding Company	2,215	181,165
Civista Bancshares, Inc.	3,360	81,984
CNB Financial Corp.	3,429	90,869

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Coastal Financial Corp. (A)	1,761	\$ 89,142
Columbia Banking System, Inc.	11,763	384,885
Comerica, Inc.	16,594	1,443,678
Commerce Bancshares, Inc.	29,493	2,027,349
Commerzbank AG (A)	166,297	1,258,132
Commonwealth Bank of Australia	294,471	21,646,940
Community Bank System, Inc.	8,455	629,728
Community Trust Bancorp, Inc.	2,582	112,601
Concordia Financial Group, Ltd.	180,746	656,388
ConnectOne Bancorp, Inc.	6,131	200,545
Credit Agricole SA	205,291	2,926,897
CrossFirst Bankshares, Inc. (A)	8,530	133,153
Cullen/Frost Bankers, Inc.	15,067	1,899,497
Customers Bancorp, Inc. (A)	4,861	317,764
CVB Financial Corp.	20,123	430,833
Danske Bank A/S	114,488	1,976,520
DBS Group Holdings, Ltd.	300,683	7,282,228
Dime Community Bancshares, Inc.	5,701	200,447
DNB Bank ASA	154,401	3,531,727
Eagle Bancorp, Inc.	4,968	289,833
East West Bancorp, Inc.	37,706	2,966,708
Eastern Bankshares, Inc.	27,767	560,060
Enterprise Financial Services Corp.	5,467	257,441
Equity Bancshares, Inc., Class A	2,596	88,082
Erste Group Bank AG	57,071	2,675,509
Farmers National Banc Corp.	5,680	105,364
FB Financial Corp.	5,281	231,413
Fifth Third Bancorp	85,586	3,727,270
Financial Institutions, Inc.	2,970	94,446
FinecoBank Banca Fineco SpA	101,233	1,772,845
First Bancorp (North Carolina)	4,556	208,300
First Bancorp (Puerto Rico)	32,869	452,935
First Busey Corp.	8,143	220,838
First Commonwealth Financial Corp.	15,207	244,681
First Community Bankshares, Inc.	3,153	105,373
First Financial Bancorp	15,094	367,992
First Financial Bankshares, Inc.	54,898	2,791,014
First Financial Corp.	1,877	85,009
First Foundation, Inc.	6,413	159,427
First Horizon Corp.	143,681	2,346,311
First Internet Bancorp	1,819	85,566
First Interstate BancSystem, Inc., Class A	6,486	263,786
First Merchants Corp.	8,620	361,092
First Mid Bankshares, Inc.	2,910	124,519
First Midwest Bancorp, Inc.	18,247	373,699
First Republic Bank	22,568	4,660,518
Flushing Financial Corp.	5,054	122,812
FNB Corp.	84,741	1,027,908
Fulton Financial Corp.	68,144	1,158,448
German American Bancorp, Inc.	3,957	154,244
Glacier Bancorp, Inc.	46,446	2,633,488
Great Southern Bancorp, Inc.	1,649	97,703
Great Western Bancorp, Inc.	8,682	294,841
Guaranty Bancshares, Inc.	1,923	72,266
Hancock Whitney Corp.	36,997	1,850,590
Hang Seng Bank, Ltd.	126,890	2,323,554
Hanmi Financial Corp.	5,128	121,431
HarborOne Bancorp, Inc.	8,503	126,185
Heartland Financial USA, Inc.	6,048	306,089
Heritage Commerce Corp.	11,410	136,235
Heritage Financial Corp.	5,946	145,320
Hilltop Holdings, Inc.	9,783	343,775
Home BancShares, Inc.	64,746	1,576,565
HomeStreet, Inc.	3,252	169,104
HomeTrust Bancshares, Inc.	3,035	94,024

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Hope Bancorp, Inc.	17,867	\$ 262,824
Horizon Bancorp, Inc.	7,703	160,608
Howard Bancorp, Inc. (A)	2,845	61,993
HSBC Holdings PLC	3,390,410	20,475,562
Huntington Bancshares, Inc.	182,958	2,821,212
Independent Bank Corp. (Massachusetts)	7,349	599,164
Independent Bank Corp. (Michigan)	4,255	101,567
Independent Bank Group, Inc.	6,150	443,723
ING Groep NV	648,006	9,009,229
International Bancshares Corp.	22,543	955,598
Intesa Sanpaolo SpA	2,741,374	7,080,758
Investors Bancorp, Inc.	36,451	552,233
Israel Discount Bank, Ltd., Class A	193,207	1,297,243
Japan Post Bank Company, Ltd.	67,200	615,998
JPMorgan Chase & Co.	367,022	58,117,934
KBC Group NV	41,499	3,565,645
KeyCorp	112,071	2,592,202
Lakeland Bancorp, Inc.	8,280	157,237
Lakeland Financial Corp.	3,792	303,891
Live Oak Bancshares, Inc.	5,204	454,257
Lloyds Banking Group PLC	11,781,272	7,650,656
M&T Bank Corp.	15,944	2,448,680
Macatowa Bank Corp.	8,041	70,922
Mediobanca Banca di Credito Finanziario SpA	103,093	1,183,557
Mercantile Bank Corp.	2,922	102,358
Meta Financial Group, Inc.	5,144	306,891
Metrocity Bankshares, Inc.	3,506	96,520
Metropolitan Bank Holding Corp. (A)	1,239	131,991
Mid Penn Bancorp, Inc.	3,097	98,299
Midland States Bancorp, Inc.	4,246	105,258
MidWestOne Financial Group, Inc.	3,009	97,401
Mitsubishi UFJ Financial Group, Inc.	2,028,968	11,042,201
Mizrahi Tefahot Bank, Ltd.	23,333	898,568
Mizuho Financial Group, Inc.	400,450	5,086,216
MVB Financial Corp.	1,886	78,307
National Australia Bank, Ltd.	546,592	11,476,848
National Bank Holdings Corp., Class A	4,417	194,083
NatWest Group PLC	956,053	2,927,735
NBT Bancorp, Inc.	6,453	248,570
Nicolet Bankshares, Inc. (A)	1,825	156,494
Nordea Bank ABP (Nasdaq Stockholm Exchange)	537,781	6,560,146
Northrim Bancorp, Inc.	1,390	60,409
OceanFirst Financial Corp.	9,432	209,390
OFG Bancorp	8,218	218,270
Old National Bancorp	25,602	463,908
Old Second Bancorp, Inc.	5,210	65,594
Origin Bancorp, Inc.	3,774	161,980
Orrstown Financial Services, Inc.	3,151	79,405
Oversea-Chinese Banking Corp., Ltd.	562,024	4,756,829
Pacific Premier Bancorp, Inc.	15,339	614,020
PacWest Bancorp	31,156	1,407,317
Park National Corp.	2,217	304,416
Peapack-Gladstone Financial Corp.	3,279	116,077
Peoples Bancorp, Inc.	4,066	129,339
Peoples Financial Services Corp.	1,618	85,252
People's United Financial, Inc.	53,028	944,959
Pinnacle Financial Partners, Inc.	20,230	1,931,965
Preferred Bank	2,282	163,825
Primis Financial Corp.	5,269	79,246
Prosperity Bancshares, Inc.	24,489	1,770,555
QCR Holdings, Inc.	2,518	141,008
Raiffeisen Bank International AG	24,569	721,604
RBB Bancorp	2,891	75,744

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Red River Bancshares, Inc.	1,170	\$ 62,595
Regions Financial Corp.	118,276	2,578,417
Reliant Bancorp, Inc.	3,017	107,104
Renasant Corp.	8,862	336,313
Republic Bancorp, Inc., Class A	1,459	74,176
Resona Holdings, Inc.	342,046	1,329,251
S&T Bancorp, Inc.	6,196	195,298
Sandy Spring Bancorp, Inc.	7,174	344,926
Seacoast Banking Corp. of Florida	8,601	304,389
ServisFirst Bancshares, Inc.	7,963	676,377
Sierra Bancorp	3,295	89,459
Signature Bank	7,543	2,439,934
Silvergate Capital Corp., Class A (A)	4,333	642,151
Simmons First National Corp., Class A	17,212	509,131
Skandinaviska Enskilda Banken AB, A Shares	270,140	3,750,504
SmartFinancial, Inc.	2,965	81,122
Societe Generale SA	134,564	4,624,791
South Plains Financial, Inc.	2,108	58,623
Southern First Bancshares, Inc. (A)	1,556	97,234
Southside Bancshares, Inc.	4,880	204,082
SouthState Corp.	11,266	902,519
Spirit of Texas Bancshares, Inc.	2,748	79,087
Standard Chartered PLC	436,864	2,656,475
Sterling Bancorp	51,202	1,320,500
Stock Yards Bancorp, Inc.	3,805	243,063
Sumitomo Mitsui Financial Group, Inc.	216,758	7,401,696
Sumitomo Mitsui Trust Holdings, Inc.	56,083	1,875,323
SVB Financial Group (A)	7,269	4,930,127
Svenska Handelsbanken AB, A Shares	242,101	2,616,613
Swedbank AB, A Shares	150,316	3,020,725
Synovus Financial Corp.	38,663	1,850,798
Texas Capital Bancshares, Inc. (A)	21,668	1,305,497
The Bancorp, Inc. (A)	8,569	216,881
The Bank of NT Butterfield & Son, Ltd.	8,182	311,816
The Chiba Bank, Ltd.	87,964	503,200
The First Bancshares, Inc.	3,531	136,367
The First of Long Island Corp.	4,534	97,889
The PNC Financial Services Group, Inc.	52,660	10,559,383
The Shizuoka Bank, Ltd.	74,108	529,059
Tompkins Financial Corp.	2,090	174,682
Towne Bank	10,561	333,622
TriCo Bancshares	4,187	179,874
TriState Capital Holdings, Inc. (A)	4,852	146,822
Triumph Bancorp, Inc. (A)	3,812	453,933
Truist Financial Corp.	165,397	9,683,994
Trustmark Corp.	9,752	316,550
U.S. Bancorp	167,176	9,390,276
UMB Financial Corp.	18,341	1,946,164
Umpqua Holdings Corp.	57,558	1,107,416
UniCredit SpA	353,772	5,437,951
United Bankshares, Inc.	56,336	2,043,870
United Community Banks, Inc.	13,996	503,016
United Overseas Bank, Ltd.	195,839	3,911,240
Univest Financial Corp.	4,966	148,583
Valley National Bancorp	172,977	2,378,434
Veritex Holdings, Inc.	7,700	306,306
Washington Trust Bancorp, Inc.	2,703	152,368
Webster Financial Corp.	24,070	1,344,069
Wells Fargo & Company	495,332	23,766,029
WesBanco, Inc.	9,950	348,151
West Bancorp, Inc.	3,265	101,444
Westamerica Bancorp	4,075	235,250
Westpac Banking Corp.	608,925	9,446,565
Wintrust Financial Corp.	15,147	1,375,651

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Zions Bancorp NA	20,082	\$ 1,268,379
Capital markets – 2.7%		
3i Group PLC	161,534	3,166,591
abrdrn PLC	361,970	1,179,303
Affiliated Managers Group, Inc.	10,801	1,776,873
Ameriprise Financial, Inc.	14,094	4,251,596
Amundi SA (B)	10,112	834,082
Artisan Partners Asset Management, Inc., Class A	9,603	457,487
AssetMark Financial Holdings, Inc. (A)	3,204	83,977
ASX, Ltd.	32,134	2,171,750
B. Riley Financial, Inc.	3,292	292,527
BGC Partners, Inc., Class A	53,100	246,915
BlackRock, Inc.	17,727	16,230,132
Blucora, Inc. (A)	8,169	141,487
BrightSphere Investment Group, Inc.	9,322	238,643
Cboe Global Markets, Inc.	13,211	1,722,714
CME Group, Inc.	44,500	10,166,470
Cohen & Steers, Inc.	4,006	370,595
Cowen, Inc., Class A	4,329	156,277
Credit Suisse Group AG	439,982	4,265,898
Daiwa Securities Group, Inc.	239,808	1,353,234
Deutsche Bank AG (A)	343,051	4,272,705
Deutsche Boerse AG	31,537	5,265,871
Diamond Hill Investment Group, Inc.	555	107,798
Donnelley Financial Solutions, Inc. (A)	4,826	227,498
Ellington Financial, Inc.	7,939	135,678
EQT AB	49,112	2,662,363
Euronext NV (B)	14,222	1,478,575
Evercore, Inc., Class A	10,368	1,408,493
FactSet Research Systems, Inc.	4,690	2,279,387
Federated Hermes, Inc.	40,795	1,533,076
Focus Financial Partners, Inc., Class A (A)	9,698	579,165
Franklin Resources, Inc.	34,893	1,168,567
Futu Holdings, Ltd., ADR (A)	8,500	368,050
GCM Grosvenor, Inc., Class A	8,142	85,491
Hamilton Lane, Inc., Class A	5,596	579,858
Hargreaves Lansdown PLC	59,047	1,085,057
Hong Kong Exchanges & Clearing, Ltd.	199,871	11,689,249
Houlihan Lokey, Inc.	8,225	851,452
Interactive Brokers Group, Inc., Class A	23,216	1,843,815
Intercontinental Exchange, Inc.	69,780	9,543,811
Invesco, Ltd.	42,306	973,884
Janus Henderson Group PLC	45,326	1,900,972
Japan Exchange Group, Inc.	84,600	1,853,534
Jefferies Financial Group, Inc.	52,198	2,025,282
Julius Baer Group, Ltd.	36,720	2,455,549
London Stock Exchange Group PLC	54,601	5,136,323
Macquarie Group, Ltd.	58,157	8,693,613
Magellan Financial Group, Ltd. (C)	22,880	353,553
MarketAxess Holdings, Inc.	4,708	1,936,259
Moelis & Company, Class A	9,909	619,412
Moody's Corp.	20,072	7,839,722
Morgan Stanley	178,311	17,503,008
MSCI, Inc.	10,215	6,258,628
Nasdaq, Inc.	14,503	3,045,775
Nomura Holdings, Inc.	509,913	2,221,002
Northern Trust Corp.	25,822	3,088,569
Open Lending Corp., Class A (A)	17,112	384,678
Oppenheimer Holdings, Inc., Class A	1,488	68,999
Partners Group Holding AG	3,767	6,218,599
Piper Sandler Companies	2,833	505,719
PJT Partners, Inc., Class A	3,906	289,396
Raymond James Financial, Inc.	22,949	2,304,080

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Capital markets (continued)		
S&P Global, Inc.	29,862	\$ 14,092,774
SBI Holdings, Inc.	40,590	1,107,114
Schroders PLC	20,634	995,949
Sculptor Capital Management, Inc.	3,994	85,272
SEI Investments Company	28,161	1,716,131
Singapore Exchange, Ltd.	133,448	921,187
St. James's Place PLC	89,595	2,047,445
State Street Corp.	45,304	4,213,272
StepStone Group, Inc., Class A	6,638	275,942
Stifel Financial Corp.	27,663	1,948,028
StoneX Group, Inc. (A)	2,736	167,580
T. Rowe Price Group, Inc.	28,119	5,529,320
The Bank of New York Mellon Corp.	94,519	5,489,664
The Charles Schwab Corp.	186,015	15,643,862
The Goldman Sachs Group, Inc.	42,150	16,124,483
UBS Group AG	583,815	10,479,061
Virtus Investment Partners, Inc.	1,171	347,904
WisdomTree Investments, Inc.	23,422	143,343
		253,277,397
Consumer finance – 0.4%		
American Express Company	78,013	12,762,927
Atlanticus Holdings Corp. (A)	843	60,123
Capital One Financial Corp.	52,824	7,664,234
Curo Group Holdings Corp.	3,819	61,142
Discover Financial Services	35,815	4,138,781
Encore Capital Group, Inc. (A)	4,745	294,712
Enova International, Inc. (A)	5,797	237,445
EZCORP, Inc., Class A (A)	8,793	64,804
FirstCash Holdings, Inc.	17,220	1,288,228
Green Dot Corp., Class A (A)	8,771	317,861
LendingClub Corp. (A)	15,990	386,638
LendingTree, Inc. (A)	1,926	236,128
Navient Corp.	68,367	1,450,748
Nelnet, Inc., Class A	2,571	251,135
Oportun Financial Corp. (A)	3,578	72,455
PRA Group, Inc. (A)	7,072	355,085
PROG Holdings, Inc. (A)	25,700	1,159,327
Regional Management Corp.	1,347	77,399
SLM Corp.	77,899	1,532,273
Synchrony Financial	67,409	3,127,104
World Acceptance Corp. (A)	729	178,918
		35,717,467
Diversified financial services – 1.1%		
Alerus Financial Corp.	2,712	79,407
A-Mark Precious Metals, Inc.	1,457	89,023
Banco Latinoamericano de Comercio Exterior SA, Class E	5,285	87,731
Berkshire Hathaway, Inc., Class B (A)	227,414	67,996,786
Cannae Holdings, Inc. (A)	13,711	481,942
Eurazeo SE	6,575	573,638
EXOR NV	18,001	1,611,407
Groupe Bruxelles Lambert SA	18,748	2,093,905
Industrivarden AB, A Shares	22,168	704,371
Industrivarden AB, C Shares	26,507	830,482
Investor AB, A Shares	82,768	2,177,432
Investor AB, B Shares	302,420	7,588,717
Kinnevik AB, B Shares (A)	40,194	1,429,042
L.E. Lundbergforetagen AB, B Shares	12,615	706,763
M&G PLC	431,546	1,167,467
Mitsubishi HC Capital, Inc.	109,596	542,230
ORIX Corp.	202,783	4,138,430
Sofina SA	2,558	1,256,509
Tokyo Century Corp.	6,100	296,115
Voya Financial, Inc.	30,243	2,005,413

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Diversified financial services (continued)		
Wendel SE	4,454	\$ 533,702
		96,390,512
Insurance – 2.8%		
Admiral Group PLC	32,046	1,371,711
Aegon NV	296,661	1,474,866
Aflac, Inc.	76,461	4,464,558
Ageas SA/NV	28,538	1,477,904
AIA Group, Ltd.	2,007,935	20,265,768
Alleghany Corp. (A)	3,640	2,430,028
Allianz SE	68,434	16,140,748
Ambac Financial Group, Inc. (A)	7,791	125,046
American Equity Investment Life Holding Company	13,161	512,226
American Financial Group, Inc.	17,577	2,413,674
American International Group, Inc.	103,165	5,865,962
American National Group, Inc.	1,138	214,900
AMERISAFE, Inc.	3,421	184,152
Aon PLC, Class A	27,396	8,234,142
Argo Group International Holdings, Ltd.	5,252	305,194
Arthur J. Gallagher & Company	25,618	4,346,606
Assicurazioni Generali SpA	183,703	3,882,511
Assurant, Inc.	7,287	1,135,752
Aviva PLC	649,241	3,618,981
AXA SA	321,267	9,561,952
Baloise Holding AG	7,695	1,255,922
Bright Health Group, Inc. (A)(C)	9,310	32,026
Brighthouse Financial, Inc. (A)	21,209	1,098,626
Brown & Brown, Inc.	28,961	2,035,379
BRP Group, Inc., Class A (A)	7,710	278,408
Chubb, Ltd.	53,385	10,319,854
Cincinnati Financial Corp.	18,574	2,116,136
Citizens, Inc. (A)	10,311	54,751
CNO Financial Group, Inc.	52,765	1,257,918
CNP Assurances	28,492	704,753
Dai-ichi Life Holdings, Inc.	166,837	3,365,097
Donegal Group, Inc., Class A	3,971	56,746
eHealth, Inc. (A)	4,215	107,483
Employers Holdings, Inc.	4,584	189,686
Enstar Group, Ltd. (A)	1,935	479,087
Everest Re Group, Ltd.	4,941	1,353,439
First American Financial Corp.	29,166	2,281,656
Genworth Financial, Inc., Class A (A)	81,990	332,060
Gjensidige Forsikring ASA	33,197	805,390
Globe Life, Inc.	11,595	1,086,683
Goosehead Insurance, Inc., Class A	2,907	378,143
Greenlight Capital Re, Ltd., Class A (A)	6,725	52,724
Hannover Rueck SE	10,008	1,897,482
HCI Group, Inc.	966	80,700
Horace Mann Educators Corp.	6,713	259,793
Insurance Australia Group, Ltd.	409,164	1,268,008
James River Group Holdings, Ltd.	6,344	182,771
Japan Post Holdings Company, Ltd. (A)	406,500	3,166,745
Japan Post Insurance Company, Ltd.	33,200	533,320
Kemper Corp.	15,898	934,643
Kinsale Capital Group, Inc.	9,207	2,190,253
Legal & General Group PLC	990,909	4,001,578
Lincoln National Corp.	21,888	1,494,075
Loews Corp.	25,183	1,454,570
Marsh & McLennan Companies, Inc.	62,775	10,911,551
MBIA, Inc. (A)	8,251	130,283
Medibank Private, Ltd.	457,117	1,113,355
Mercury General Corp.	7,062	374,710
MetLife, Inc.	87,806	5,486,997
MetroMile, Inc. (A)	14,670	32,127
MS&AD Insurance Group Holdings, Inc.	73,851	2,274,041

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Insurance (continued)		
Muenchener		
Rueckversicherungs-Gesellschaft AG	23,254	\$ 6,864,782
National Western Life Group, Inc., Class A	414	88,778
NN Group NV	44,849	2,425,446
Old Republic International Corp.	75,864	1,864,737
Palomar Holdings, Inc. (A)	4,071	263,679
Phoenix Group Holdings PLC	107,832	1,966,659
Poste Italiane SpA (B)	86,718	1,136,029
Primerica, Inc.	10,493	1,608,262
Principal Financial Group, Inc.	30,929	2,237,095
ProAssurance Corp.	8,850	223,905
Prudential Financial, Inc.	46,538	5,037,273
Prudential PLC	434,149	7,507,671
QBE Insurance Group, Ltd.	244,853	2,021,931
Reinsurance Group of America, Inc.	17,962	1,966,659
RenaissanceRe Holdings, Ltd.	12,228	2,070,567
RLI Corp.	17,049	1,911,193
Safety Insurance Group, Inc.	2,405	204,497
Sampo OYJ, A Shares	82,781	4,143,025
Selective Insurance Group, Inc.	25,578	2,095,861
Selectquote, Inc. (A)	22,083	200,072
SiriusPoint, Ltd. (A)	15,494	125,966
Sompo Holdings, Inc.	52,691	2,222,174
State Auto Financial Corp.	2,805	144,990
Stewart Information Services Corp.	4,373	348,659
Suncorp Group, Ltd.	212,951	1,714,485
Swiss Life Holding AG	5,233	3,197,242
Swiss Re AG	50,065	4,942,089
T&D Holdings, Inc.	89,325	1,141,195
The Allstate Corp.	35,328	4,156,339
The Hanover Insurance Group, Inc.	9,454	1,239,041
The Hartford Financial Services Group, Inc.	43,019	2,970,032
The Progressive Corp.	72,507	7,442,844
The Travelers Companies, Inc.	30,914	4,835,877
Tiptree, Inc.	4,340	60,022
Tokio Marine Holdings, Inc.	104,185	5,799,941
Trupanion, Inc. (A)	6,204	819,114
Tryg A/S	59,764	1,474,833
United Fire Group, Inc.	3,987	92,459
Universal Insurance Holdings, Inc.	5,402	91,834
Unum Group	54,325	1,334,765
W.R. Berkley Corp.	17,378	1,431,773
Willis Towers Watson PLC	15,356	3,646,896
Zurich Insurance Group AG	24,974	10,940,585
		260,454,797
Mortgage real estate investment trusts – 0.1%		
AFC Gamma, Inc.	2,135	48,593
Apollo Commercial Real Estate Finance, Inc.	22,216	292,363
Arbor Realty Trust, Inc.	22,150	405,788
Ares Commercial Real Estate Corp.	7,715	112,176
ARMOUR Residential REIT, Inc.	12,476	122,390
Blackstone Mortgage Trust, Inc., Class A	23,816	729,246
BrightSpire Capital, Inc.	14,029	143,938
Broadmark Realty Capital, Inc.	20,742	195,597
Chimera Investment Corp.	37,974	572,648
Dynex Capital, Inc.	5,815	97,169
Franklin BSP Realty Trust, Inc.	5,603	83,709
Granite Point Mortgage Trust, Inc.	9,585	112,240
Great Ajax Corp.	4,706	61,931
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	12,522	665,169
Invesco Mortgage Capital, Inc.	47,216	131,260
KKR Real Estate Finance Trust, Inc.	4,800	99,984

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Mortgage real estate investment trusts (continued)		
Ladder Capital Corp.	18,253	\$ 218,853
MFA Financial, Inc.	71,293	325,096
New York Mortgage Trust, Inc.	61,697	229,513
Orchid Island Capital, Inc.	19,186	86,337
PennyMac Mortgage Investment Trust	15,638	271,007
Ready Capital Corp.	9,956	155,612
Redwood Trust, Inc.	18,075	238,409
TPG RE Finance Trust, Inc.	10,158	125,147
Two Harbors Investment Corp.	49,989	288,437
		5,812,612
Thriffs and mortgage finance – 0.1%		
Axos Financial, Inc. (A)	9,166	512,471
Blue Foundry Bancorp (A)	6,081	88,965
Bridgewater Bancshares, Inc. (A)	4,471	79,092
Capitol Federal Financial, Inc.	19,721	223,439
Columbia Financial, Inc. (A)	5,785	120,675
Essent Group, Ltd.	46,934	2,136,905
Federal Agricultural Mortgage Corp., Class C	1,500	185,895
Flagstar Bancorp, Inc.	8,058	386,301
FS Bancorp, Inc.	1,806	60,736
Home Bancorp, Inc.	1,546	64,174
Kearny Financial Corp.	11,746	155,635
Merchants Bancorp	1,574	74,497
MGIC Investment Corp.	86,510	1,247,474
Mr. Cooper Group, Inc. (A)	10,002	416,183
New York Community Bancorp, Inc.	123,557	1,508,631
NMI Holdings, Inc., Class A (A)	13,803	301,596
Northfield Bancorp, Inc.	7,687	124,222
Northwest Bancshares, Inc.	18,889	267,468
Ocwen Financial Corp. (A)	1,152	46,045
PCSB Financial Corp.	3,732	71,057
PennyMac Financial Services, Inc.	4,942	344,853
Premier Financial Corp.	6,055	187,160
Provident Bancorp, Inc.	4,067	75,646
Provident Financial Services, Inc.	11,846	286,910
Radian Group, Inc.	29,141	615,749
Southern Missouri Bancorp, Inc.	1,300	67,821
The Hingham Institution for Savings	231	96,992
TrustCo Bank Corp. NY	3,179	105,892
Walker & Dunlop, Inc.	4,733	714,115
Washington Federal, Inc.	27,497	917,850
Waterstone Financial, Inc.	3,587	78,412
WSFS Financial Corp.	7,543	378,055
		11,940,916
		1,187,254,776
Health care – 12.7%		
Biotechnology – 1.8%		
2seventy bio, Inc. (A)	3,795	97,266
4D Molecular Therapeutics, Inc. (A)	4,413	96,821
AbbVie, Inc.	220,109	29,802,759
ACADIA Pharmaceuticals, Inc. (A)	19,684	459,425
Achillion Pharmaceuticals, Inc. (A)(D)	23,194	34,879
Adagio Therapeutics, Inc. (A)(C)	3,685	26,753
Adicet Bio, Inc. (A)	3,340	58,417
Aduro Biotech, Inc. (A)(D)	2,435	7,305
Aeglea BioTherapeutics, Inc. (A)	8,650	41,088
Affimed NV (A)	19,988	110,334
Agenus, Inc. (A)	35,358	113,853
Agius Pharmaceuticals, Inc. (A)	9,018	296,422
Akebia Therapeutics, Inc. (A)	31,205	70,523
Akero Therapeutics, Inc. (A)	4,357	92,151
Akouos, Inc. (A)	5,120	43,520
Albireo Pharma, Inc. (A)	3,208	74,714

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Alder Biopharmaceuticals, Inc. (A)(D)	13,115	\$ 19,068
Aldeyra Therapeutics, Inc. (A)	9,195	36,780
Alectro, Inc. (A)	9,583	197,889
Aligos Therapeutics, Inc. (A)	4,000	47,480
Alkermes PLC (A)	25,988	604,481
Allakos, Inc. (A)	5,722	56,018
Allogene Therapeutics, Inc. (A)	11,332	169,073
Allovir, Inc. (A)	4,923	63,704
Altimmune, Inc. (A)(C)	7,006	64,175
ALX Oncology Holdings, Inc. (A)	3,066	65,888
Amgen, Inc.	69,684	15,676,809
Amicus Therapeutics, Inc. (A)	43,201	498,972
AnaptysBio, Inc. (A)	3,126	108,629
Anavex Life Sciences Corp. (A)	10,450	181,203
Anika Therapeutics, Inc. (A)	2,618	93,803
Annexon, Inc. (A)	5,710	65,608
Apellis Pharmaceuticals, Inc. (A)	11,463	541,971
Applied Molecular Transport, Inc. (A)	4,373	61,135
Applied Therapeutics, Inc. (A)	3,659	32,748
Arbutus Biopharma Corp. (A)	13,440	52,282
Arcturus Therapeutics Holdings, Inc. (A)	3,535	130,830
Arcus Biosciences, Inc. (A)	7,306	295,674
Arcutis Biotherapeutics, Inc. (A)	4,931	102,269
Arena Pharmaceuticals, Inc. (A)	10,024	931,631
Argenx SE (A)	7,609	2,705,821
Arrowhead Pharmaceuticals, Inc. (A)	44,138	2,926,349
Atara Biotherapeutics, Inc. (A)	13,967	220,120
Athenex, Inc. (A)	17,526	23,835
Athersys, Inc. (A)	44,149	39,849
Atossa Therapeutics, Inc. (A)	21,617	34,587
Avid Bioservices, Inc. (A)	9,867	287,919
Avidity Biosciences, Inc. (A)	6,257	148,729
Avita Medical, Inc. (A)	4,764	57,073
Avrobio, Inc. (A)	8,115	31,243
Beam Therapeutics, Inc. (A)	8,194	652,980
BioAtla, Inc. (A)	2,812	55,200
BioCryst Pharmaceuticals, Inc. (A)	29,173	404,046
Biogen, Inc. (A)	18,466	4,430,363
Biohaven Pharmaceutical Holding Company, Ltd. (A)	9,034	1,244,976
BioRxcel Therapeutics, Inc. (A)	3,104	63,104
Bluebird Bio, Inc. (A)	11,796	117,842
Blueprint Medicines Corp. (A)	9,494	1,016,902
Bridgebio Pharma, Inc. (A)(C)	17,342	289,265
Brooklyn ImmunoTherapeutics, Inc. (A)	5,482	22,860
C4 Therapeutics, Inc. (A)	6,292	202,602
Cardiff Oncology, Inc. (A)(C)	7,567	45,478
CareDx, Inc. (A)	8,292	377,120
Caribou Biosciences, Inc. (A)	3,327	50,204
Catalyst Pharmaceuticals, Inc. (A)	16,563	112,132
Celldex Therapeutics, Inc. (A)	7,522	290,650
CEL-SCI Corp. (A)	6,481	46,015
Century Therapeutics, Inc. (A)	2,219	35,193
Cerevel Therapeutics Holdings, Inc. (A)	6,571	213,032
ChemoCentryx, Inc. (A)	8,840	321,864
Chimerix, Inc. (A)	12,884	82,844
Chinook Therapeutics, Inc. (A)	6,311	102,932
Clovis Oncology, Inc. (A)(C)	20,138	54,574
Codiak Biosciences, Inc. (A)	3,136	34,935
Cogent Biosciences, Inc. (A)	6,489	55,676
Coherus Biosciences, Inc. (A)	10,519	167,883
Cortexyme, Inc. (A)(C)	3,371	42,542
Crinetics Pharmaceuticals, Inc. (A)	7,085	201,285
CSL, Ltd.	75,544	15,977,573
Cue Biopharma, Inc. (A)	5,251	59,389

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Cullinan Oncology, Inc. (A)(C)	4,570	\$ 70,515
Curis, Inc. (A)	14,952	71,172
Cytokinetix, Inc. (A)	12,858	586,068
CytomX Therapeutics, Inc. (A)	11,441	49,540
Day One Biopharmaceuticals, Inc. (A)	1,622	27,331
Deciphera Pharmaceuticals, Inc. (A)	6,895	67,364
Denali Therapeutics, Inc. (A)	14,833	661,552
DermTech, Inc. (A)(C)	4,174	65,949
Design Therapeutics, Inc. (A)	4,060	86,925
Dynavax Technologies Corp. (A)	17,616	247,857
Dyne Therapeutics, Inc. (A)	5,607	66,667
Eagle Pharmaceuticals, Inc. (A)	1,928	98,174
Editas Medicine, Inc. (A)	11,185	296,962
Eiger BioPharmaceuticals, Inc. (A)	6,247	32,422
Emergent BioSolutions, Inc. (A)	8,054	350,107
Enanta Pharmaceuticals, Inc. (A)	3,140	234,809
Epizyme, Inc. (A)	17,043	42,608
Erasca, Inc. (A)(C)	3,740	58,269
Evelo Biosciences, Inc. (A)(C)	5,203	31,582
Exelixis, Inc. (A)	84,069	1,536,781
Fate Therapeutics, Inc. (A)	13,195	772,039
FibroGen, Inc. (A)	14,447	203,703
Foghorn Therapeutics, Inc. (A)	3,154	72,132
Forma Therapeutics Holdings, Inc. (A)	6,051	86,045
Fortress Biotech, Inc. (A)	15,632	39,080
G1 Therapeutics, Inc. (A)(C)	7,095	72,440
Generation Bio Company (A)	7,224	51,146
Genmab A/S (A)	10,902	4,351,566
Geron Corp. (A)	52,665	64,251
Gilead Sciences, Inc.	155,357	11,280,472
Global Blood Therapeutics, Inc. (A)	9,863	288,690
Gossamer Bio, Inc. (A)	10,416	117,805
Graphite Bio, Inc. (A)(C)	3,031	37,675
Grifols SA	49,511	952,723
Gritstone bio, Inc. (A)(C)	7,168	92,180
Halozyme Therapeutics, Inc. (A)	59,911	2,409,021
Heron Therapeutics, Inc. (A)(C)	15,512	141,625
Homology Medicines, Inc. (A)	8,526	31,035
Humanigen, Inc. (A)	8,493	31,594
iBio, Inc. (A)(C)	48,290	26,511
Icosavax, Inc. (A)	2,339	53,516
Ideaya Biosciences, Inc. (A)	5,598	132,337
IGM Biosciences, Inc. (A)(C)	1,362	39,947
Imago Biosciences, Inc. (A)(C)	1,498	35,518
Immuneering Corp., Class A (A)	1,294	20,924
Immunic, Inc. (A)	3,145	30,098
ImmunityBio, Inc. (A)(C)	11,905	72,382
ImmunoGen, Inc. (A)	32,837	243,651
Immunovant, Inc. (A)	7,609	64,829
Incyte Corp. (A)	23,259	1,707,211
Infinity Pharmaceuticals, Inc. (A)	16,691	37,555
Inhibrx, Inc. (A)	4,614	201,493
Inovio Pharmaceuticals, Inc. (A)(C)	33,771	168,517
Insmed, Inc. (A)	18,844	513,311
Instil Bio, Inc. (A)	8,367	143,159
Intellia Therapeutics, Inc. (A)	11,236	1,328,545
Intercept Pharmaceuticals, Inc. (A)(C)	4,586	74,706
Invitae Corp. (A)	32,759	500,230
Ironwood Pharmaceuticals, Inc. (A)	23,772	277,182
iTeos Therapeutics, Inc. (A)	3,410	158,770
IVERIC bio, Inc. (A)	18,385	307,397
Janux Therapeutics, Inc. (A)(C)	2,423	47,806
Jounce Therapeutics, Inc. (A)	6,009	50,175
KalVista Pharmaceuticals, Inc. (A)	3,810	50,406
Karuna Therapeutics, Inc. (A)	3,620	474,220

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Karyopharm Therapeutics, Inc. (A)	12,947	\$ 83,249
Keros Therapeutics, Inc. (A)	2,596	151,892
Kezar Life Sciences, Inc. (A)	5,468	91,425
Kiniksa Pharmaceuticals, Ltd., Class A (A)	5,141	60,510
Kinnate Biopharma, Inc. (A)	4,671	82,770
Kodiak Sciences, Inc. (A)	5,479	464,510
Kronos Bio, Inc. (A)(C)	6,807	92,507
Krystal Biotech, Inc. (A)	2,993	209,360
Kura Oncology, Inc. (A)	10,590	148,260
Kymera Therapeutics, Inc. (A)	5,635	357,766
Lexicon Pharmaceuticals, Inc. (A)	12,620	49,723
Ligand Pharmaceuticals, Inc. (A)	2,453	378,890
Lineage Cell Therapeutics, Inc. (A)(C)	25,249	61,860
Lyell Immunopharma, Inc. (A)	4,537	35,116
MacroGenics, Inc. (A)	10,242	164,384
Madrigal Pharmaceuticals, Inc. (A)	1,979	167,700
MannKind Corp. (A)	40,171	175,547
MEI Pharma, Inc. (A)	21,240	56,711
MeiraGTx Holdings PLC (A)	5,075	120,481
Mersana Therapeutics, Inc. (A)	12,815	79,709
MiMedx Group, Inc. (A)	19,092	115,316
Moderna, Inc. (A)	44,038	11,184,771
Monte Rosa Therapeutics, Inc. (A)(C)	2,062	42,106
Morphic Holding, Inc. (A)	3,502	165,925
Myriad Genetics, Inc. (A)	12,761	352,204
Neoleukin Therapeutics, Inc. (A)	7,267	35,027
Neurocrine Biosciences, Inc. (A)	25,207	2,146,880
Nkarta, Inc. (A)	2,540	38,989
Nurix Therapeutics, Inc. (A)	5,113	148,021
Nuvalent, Inc., Class A (A)(C)	1,869	35,586
Ocugen, Inc. (A)(C)	30,280	137,774
Olema Pharmaceuticals, Inc. (A)(C)	4,459	41,736
Oncocyte Corp. (A)	11,511	24,979
OPKO Health, Inc. (A)(C)	65,621	315,637
Organogenesis Holdings, Inc. (A)	6,613	61,104
ORIC Pharmaceuticals, Inc. (A)	5,569	81,864
Passage Bio, Inc. (A)	7,026	44,615
PDL BioPharma, Inc. (A)(C)(D)	23,030	41,224
Pfenex, Inc. (A)(D)	6,194	6,790
PMV Pharmaceuticals, Inc. (A)	4,552	105,151
Poseida Therapeutics, Inc. (A)	4,284	29,174
Praxis Precision Medicines, Inc. (A)	5,787	114,004
Precigen, Inc. (A)(C)	17,347	64,357
Precision BioSciences, Inc. (A)	8,754	64,780
Prelude Therapeutics, Inc. (A)(C)	1,976	24,601
Progenics Pharmaceuticals, Inc. (A)(D)	15,140	646
Prometheus Biosciences, Inc. (A)(C)	4,718	186,550
Protagonist Therapeutics, Inc. (A)	7,335	250,857
Prothena Corp. PLC (A)	5,719	282,519
PTC Therapeutics, Inc. (A)	11,428	455,177
Radius Health, Inc. (A)	7,747	53,609
RAPT Therapeutics, Inc. (A)	3,618	132,889
Recursion Pharmaceuticals, Inc., Class A (A)(C)	18,379	314,832
Regeneron Pharmaceuticals, Inc. (A)	13,023	8,224,285
REGENXBIO, Inc. (A)	6,520	213,204
Relay Therapeutics, Inc. (A)	11,116	341,372
Replimune Group, Inc. (A)	5,157	139,755
REVOLUTION Medicines, Inc. (A)	9,811	246,943
Rhythm Pharmaceuticals, Inc. (A)	8,119	81,028
Rigel Pharmaceuticals, Inc. (A)	31,224	82,744
Rocket Pharmaceuticals, Inc. (A)	6,752	147,396
Rubius Therapeutics, Inc. (A)	7,950	76,956
Sana Biotechnology, Inc. (A)(C)	14,181	219,522
Sangamo Therapeutics, Inc. (A)	19,795	148,463

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Scholar Rock Holding Corp. (A)	4,669	\$ 115,978
Selecta Biosciences, Inc. (A)	16,541	53,924
Seres Therapeutics, Inc. (A)	11,931	99,385
Sesen Bio, Inc. (A)	26,588	21,669
Shattuck Labs, Inc. (A)	4,875	41,486
Sorrento Therapeutics, Inc. (A)(C)	47,712	221,861
Spectrum Pharmaceuticals, Inc. (A)	31,926	40,546
Spero Therapeutics, Inc. (A)	4,515	72,285
SpringWorks Therapeutics, Inc. (A)	4,804	297,752
SQZ Biotechnologies Company (A)	4,541	40,551
Stoke Therapeutics, Inc. (A)	3,410	81,806
Surface Oncology, Inc. (A)	7,027	33,589
Sutro Biopharma, Inc. (A)	7,152	106,422
Syndax Pharmaceuticals, Inc. (A)	7,420	162,424
Syros Pharmaceuticals, Inc. (A)	11,795	38,452
Talaris Therapeutics, Inc. (A)	3,350	51,222
Taysha Gene Therapies, Inc. (A)(C)	4,225	49,221
TCR2 Therapeutics, Inc. (A)	6,126	28,547
Tenaya Therapeutics, Inc. (A)(C)	2,402	45,518
TG Therapeutics, Inc. (A)	20,982	398,658
Tonix Pharmaceuticals Holding Corp. (A)	77,647	27,774
Traverse Therapeutics, Inc. (A)	9,550	296,432
Turning Point Therapeutics, Inc. (A)	7,603	362,663
Twist Bioscience Corp. (A)	7,691	595,206
United Therapeutics Corp. (A)	11,967	2,585,829
UroGen Pharma, Ltd. (A)(C)	3,538	33,646
Vanda Pharmaceuticals, Inc. (A)	9,191	144,207
Vaxart, Inc. (A)(C)	20,457	128,265
Vaxcyte, Inc. (A)	6,738	160,297
VBI Vaccines, Inc. (A)	34,168	79,953
Vera Therapeutics, Inc. (A)	1,569	41,924
VeracYTE, Inc. (A)	11,026	454,271
Verastem, Inc. (A)	27,978	57,355
Vericel Corp. (A)	7,610	299,073
Vertex Pharmaceuticals, Inc. (A)	31,441	6,904,444
Verve Therapeutics, Inc. (A)(C)	2,718	100,213
Viking Therapeutics, Inc. (A)	12,873	59,216
Vincerox Pharma, Inc. (A)	2,677	27,279
Vir Biotechnology, Inc. (A)	9,737	407,688
Viracta Therapeutics, Inc. (A)	7,170	26,171
VistaGen Therapeutics, Inc. (A)	35,755	69,722
Vor BioPharma, Inc. (A)	3,067	35,639
Werewolf Therapeutics, Inc. (A)	4,044	48,164
XBiotech, Inc. (C)	3,068	34,147
Xencor, Inc. (A)	9,269	371,872
Y-mAbs Therapeutics, Inc. (A)	6,185	100,259
Zentalis Pharmaceuticals, Inc. (A)	5,878	494,105
ZIOPHARM Oncology, Inc. (A)(C)	40,464	44,106
		163,354,556
Health care equipment and supplies – 2.7%		
Abbott Laboratories	219,667	30,915,934
ABIOMED, Inc. (A)	5,623	2,019,613
Accuray, Inc. (A)	16,272	77,617
Alcon, Inc.	82,942	7,315,928
Align Technology, Inc. (A)	9,105	5,983,624
Alphatec Holdings, Inc. (A)	12,258	140,109
Ambu A/S, Class B (C)	27,809	733,985
AngioDynamics, Inc. (A)	6,284	173,313
Apyx Medical Corp. (A)	5,335	68,395
Asahi Intecc Company, Ltd.	36,000	773,409
Asensus Surgical, Inc. (A)(C)	42,796	47,504
Aspira Women's Health, Inc. (A)(C)	14,342	25,385
AtriCure, Inc. (A)	7,278	506,039
Atrion Corp.	224	157,898
Avanos Medical, Inc. (A)	7,889	273,512

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Axogen, Inc. (A)	6,940	\$ 65,028
Axonics, Inc. (A)	7,513	420,728
Baxter International, Inc.	61,943	5,317,187
Becton, Dickinson and Company	35,585	8,948,916
BioLife Solutions, Inc. (A)	1,800	67,086
BioMerieux	6,876	977,888
Bioventus, Inc., Class A (A)	4,047	58,641
Boston Scientific Corp. (A)	176,427	7,494,619
Butterfly Network, Inc. (A)(C)	20,953	140,176
Cardiovascular Systems, Inc. (A)	6,532	122,671
Carl Zeiss Meditec AG, Bearer Shares	6,681	1,401,516
Cerus Corp. (A)	27,985	190,578
ClearPoint Neuro, Inc. (A)	3,534	39,651
Cochlear, Ltd.	10,917	1,713,427
Coloplast A/S, B Shares	19,719	3,472,027
CONMED Corp.	4,693	665,280
CryoLife, Inc. (A)	6,588	134,066
CryoPort, Inc. (A)	6,634	392,534
Cutera, Inc. (A)	3,028	125,117
CytoSorbents Corp. (A)	8,150	34,149
DarioHealth Corp. (A)	2,254	29,234
Demant A/S (A)	17,936	918,433
Dentsply Sirona, Inc.	27,080	1,510,793
DexCom, Inc. (A)	11,988	6,436,957
DiaSorin SpA	4,179	795,038
Eargo, Inc. (A)	5,367	27,372
Edwards Lifesciences Corp. (A)	77,235	10,005,794
Envista Holdings Corp. (A)	42,877	1,932,038
Fisher & Paykel Healthcare Corp., Ltd.	95,705	2,144,133
Getinge AB, B Shares	37,967	1,654,684
Glaukos Corp. (A)	7,385	328,189
Globus Medical, Inc., Class A (A)	21,002	1,516,344
GN Store Nord A/S	20,642	1,295,198
Haemonetics Corp. (A)	21,827	1,157,704
Heska Corp. (A)	1,598	291,619
Hologic, Inc. (A)	31,409	2,404,673
Hoya Corp.	61,407	9,112,291
ICU Medical, Inc. (A)	5,305	1,259,089
IDEXX Laboratories, Inc. (A)	10,542	6,941,485
Inari Medical, Inc. (A)	5,582	509,469
Inmode, Ltd. (A)	8,200	578,756
Inogen, Inc. (A)	3,388	115,192
Integer Holdings Corp. (A)	5,325	455,767
Integra LifeSciences Holdings Corp. (A)	19,355	1,296,591
Intersect ENT, Inc. (A)	5,409	147,720
Intuitive Surgical, Inc. (A)	44,198	15,880,341
iRadimed Corp. (A)	1,020	47,134
iRhythm Technologies, Inc. (A)	4,812	566,324
Koninklijke Philips NV	152,274	5,635,905
Lantheus Holdings, Inc. (A)	11,073	319,899
LeMaitre Vascular, Inc.	3,239	162,695
LivaNova PLC (A)	22,824	1,995,502
Masimo Corp. (A)	13,499	3,952,237
Medtronic PLC	167,937	17,373,083
Meridian Bioscience, Inc. (A)	7,187	146,615
Merit Medical Systems, Inc. (A)	8,375	521,763
Mesa Laboratories, Inc.	806	264,441
Natus Medical, Inc. (A)	5,827	138,275
Neogen Corp. (A)	45,944	2,086,317
Nevro Corp. (A)	5,661	458,937
NuVasive, Inc. (A)	22,211	1,165,633
Olympus Corp.	183,308	4,221,075
OraSure Technologies, Inc. (A)	12,339	107,226
Ortho Clinical Diagnostics Holdings PLC (A)	18,248	390,325

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Orthofix Medical, Inc. (A)	3,350	\$ 104,152
OrthoPediatrics Corp. (A)	2,376	142,227
Outset Medical, Inc. (A)	7,525	346,827
PAVmed, Inc. (A)	12,862	31,641
Penumbra, Inc. (A)	9,331	2,680,983
Pulmonx Corp. (A)	4,566	146,432
Pulse Biosciences, Inc. (A)(C)	2,001	29,635
Quidel Corp. (A)	10,077	1,360,294
Quotient, Ltd. (A)	13,310	34,473
ResMed, Inc.	18,031	4,696,715
SeaSpine Holdings Corp. (A)	5,960	81,175
Senseonics Holdings, Inc. (A)(C)	70,561	188,398
Shockwave Medical, Inc. (A)	5,482	977,605
SI-BONE, Inc. (A)	5,841	129,729
Siemens Healthineers AG (B)	46,807	3,489,892
Sientra, Inc. (A)	11,358	41,684
Sight Sciences, Inc. (A)	1,990	34,964
Silk Road Medical, Inc. (A)	5,625	239,681
Smith & Nephew PLC	145,934	2,546,894
Sonova Holding AG	9,086	3,550,779
STAAR Surgical Company (A)	20,359	1,858,777
Stereotaxis, Inc. (A)	9,001	55,806
STERIS PLC	12,361	3,008,791
Straumann Holding AG	1,718	3,632,867
Stryker Corp.	41,586	11,120,928
Surmodics, Inc. (A)	2,388	114,982
Sysmex Corp.	27,779	3,749,652
Tactile Systems Technology, Inc. (A)	3,381	64,340
Tandem Diabetes Care, Inc. (A)	16,881	2,540,928
Teleflex, Inc.	5,799	1,904,856
Terumo Corp.	107,134	4,525,404
The Cooper Companies, Inc.	6,102	2,556,372
TransMedics Group, Inc. (A)	4,301	82,407
Treace Medical Concepts, Inc. (A)	4,426	82,501
Utah Medical Products, Inc.	639	63,900
Vapotherm, Inc. (A)	3,992	82,674
Varex Imaging Corp. (A)	6,354	200,469
ViewRay, Inc. (A)	22,866	125,992
Zimmer Biomet Holdings, Inc.	25,877	3,287,414
		249,205,080
Health care providers and services – 2.0%		
lLife Healthcare, Inc. (A)	19,208	337,485
Acadia Healthcare Company, Inc. (A)	23,897	1,450,548
Accolade, Inc. (A)	8,294	218,630
AdaptHealth Corp. (A)	11,699	286,158
Addus HomeCare Corp. (A)	2,553	238,731
Agility, Inc. (A)	4,118	95,373
Alignment Healthcare, Inc. (A)	12,238	172,066
Amedisys, Inc. (A)	8,663	1,402,366
AmerisourceBergen Corp.	18,537	2,463,382
AMN Healthcare Services, Inc. (A)	7,621	932,277
Amplifon SpA	20,667	1,112,053
Anthem, Inc.	30,211	14,004,007
Apollo Medical Holdings, Inc. (A)(C)	6,099	448,155
Apria, Inc. (A)	2,796	91,150
Aveanna Healthcare Holdings, Inc. (A)	7,173	53,080
Brookdale Senior Living, Inc. (A)	30,752	158,680
Cardinal Health, Inc.	35,952	1,851,168
Castle Biosciences, Inc. (A)	3,564	152,789
Centene Corp. (A)	72,244	5,952,906
Chemed Corp.	4,091	2,164,303
Cigna Corp.	41,176	9,455,245
Community Health Systems, Inc. (A)	20,334	270,646
CorVel Corp. (A)	1,431	297,648
Covetrus, Inc. (A)	17,207	343,624

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care providers and services (continued)		
Cross Country Healthcare, Inc. (A)	6,074	\$ 168,614
CVS Health Corp.	163,506	16,867,279
DaVita, Inc. (A)	8,311	945,459
Encompass Health Corp.	26,436	1,725,213
Fresenius Medical Care AG & Company KGaA	34,041	2,206,817
Fresenius SE & Company KGaA	69,518	2,794,164
Fulgent Genetics, Inc. (A)(C)	3,360	337,982
Hanger, Inc. (A)	6,556	118,860
HCA Healthcare, Inc.	29,743	7,641,572
HealthEquity, Inc. (A)	35,525	1,571,626
Henry Schein, Inc. (A)	17,309	1,341,967
Humana, Inc.	15,923	7,386,043
InfuSystem Holdings, Inc. (A)	2,355	40,106
Innovage Holding Corp. (A)(C)	3,587	17,935
Laboratory Corp. of America Holdings (A)	11,982	3,764,864
LHC Group, Inc. (A)	13,382	1,836,412
LifeStance Health Group, Inc. (A)(C)	8,048	76,617
Magellan Health, Inc. (A)	3,790	360,012
McKesson Corp.	19,165	4,763,844
Medipal Holdings Corp.	30,441	570,614
MEDNAX, Inc. (A)	12,520	340,669
ModivCare, Inc. (A)	2,037	302,067
Molina Healthcare, Inc. (A)	15,517	4,935,647
National HealthCare Corp.	2,085	141,655
National Research Corp.	2,386	99,067
NMC Health PLC (A)	19,536	391
Option Care Health, Inc. (A)	62,038	1,764,361
Orpea SA	8,582	860,673
Owens & Minor, Inc.	11,733	510,386
Patterson Companies, Inc.	36,846	1,081,430
PetIQ, Inc. (A)	4,563	103,626
Privia Health Group, Inc. (A)	2,841	73,497
Progyny, Inc. (A)	28,855	1,452,849
Quest Diagnostics, Inc.	15,139	2,619,198
R1 RCM, Inc. (A)	54,759	1,395,807
RadNet, Inc. (A)	7,500	225,825
Ramsay Health Care, Ltd.	30,392	1,579,473
Ryman Healthcare, Ltd.	70,543	591,525
Select Medical Holdings Corp.	17,938	527,377
Sonic Healthcare, Ltd.	75,411	2,557,664
Surgery Partners, Inc. (A)	5,354	285,957
Tenet Healthcare Corp. (A)	45,646	3,728,822
The Ensign Group, Inc.	8,556	718,362
The Joint Corp. (A)	2,326	152,795
The Pennant Group, Inc. (A)	4,509	104,068
Tivity Health, Inc. (A)	7,363	194,678
Triple-S Management Corp. (A)	3,708	132,301
UnitedHealth Group, Inc.	117,136	58,818,671
Universal Health Services, Inc., Class B	9,401	1,218,934
US Physical Therapy, Inc.	2,076	198,362
		185,204,607
Health care technology – 0.1%		
Allscripts Healthcare Solutions, Inc. (A)	19,941	367,911
American Well Corp., Class A (A)	30,025	181,351
Castlight Health, Inc., B Shares (A)	18,759	28,889
Cerner Corp.	36,625	3,401,364
Computer Programs & Systems, Inc. (A)	2,530	74,129
Evolent Health, Inc., Class A (A)	12,750	352,793
Health Catalyst, Inc. (A)	8,270	327,657
HealthStream, Inc. (A)	4,185	110,317
Inspire Medical Systems, Inc. (A)	4,357	1,002,371
M3, Inc.	73,186	3,690,138
MultiPlan Corp. (A)	60,446	267,776
NextGen Healthcare, Inc. (A)	9,748	173,417

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care technology (continued)		
Omnicell, Inc. (A)	6,995	\$ 1,262,178
OptimizeRx Corp. (A)	2,777	172,479
Phreesia, Inc. (A)	8,019	334,072
Schrodinger, Inc. (A)	7,431	258,822
Simulations Plus, Inc. (C)	2,594	122,696
Tabula Rasa HealthCare, Inc. (A)	4,031	60,465
Vocera Communications, Inc. (A)	5,579	361,742
		12,550,567
Life sciences tools and services – 1.4%		
Agilent Technologies, Inc.	37,599	6,002,680
Bachem Holding AG, Class B	1,029	805,755
Berkeley Lights, Inc. (A)	8,034	146,058
Bionano Genomics, Inc. (A)(C)	46,523	139,104
Bio-Rad Laboratories, Inc., Class A (A)	2,663	2,012,083
Bio-Techne Corp.	4,819	2,493,061
Bruker Corp.	26,998	2,265,402
Charles River Laboratories International, Inc. (A)	6,245	2,352,991
ChromaDex Corp. (A)	9,189	34,367
Codexis, Inc. (A)	9,865	308,479
Cytek Biosciences, Inc. (A)(C)	2,828	46,153
Danaher Corp.	79,200	26,057,592
Eurofins Scientific SE	22,167	2,746,304
Fluidigm Corp. (A)	14,104	55,288
Harvard Bioscience, Inc. (A)	7,852	55,357
Illumina, Inc. (A)	19,459	7,402,982
Inotiv, Inc. (A)	2,197	92,428
IQVIA Holdings, Inc. (A)	23,742	6,698,568
Lonza Group AG	12,361	10,291,620
MaxCyte, Inc. (A)	15,108	153,951
Medpace Holdings, Inc. (A)	12,317	2,680,672
Mettler-Toledo International, Inc. (A)	2,864	4,860,809
NanoString Technologies, Inc. (A)	7,474	315,627
NeoGenomics, Inc. (A)	18,534	632,380
Pacific Biosciences of California, Inc. (A)	31,596	646,454
PerkinElmer, Inc.	15,751	3,166,896
Personalis, Inc. (A)	6,454	92,099
QIAGEN NV (A)	37,912	2,102,241
Quanterix Corp. (A)	5,128	217,427
Repligen Corp. (A)	13,662	3,618,244
Sartorius Stedim Biotech	4,590	2,520,854
Seer, Inc. (A)(C)	6,853	156,317
Syneos Health, Inc. (A)	27,552	2,829,039
Thermo Fisher Scientific, Inc.	48,975	32,678,079
Waters Corp. (A)	7,603	2,832,878
West Pharmaceutical Services, Inc.	9,167	4,299,415
		133,809,654
Pharmaceuticals – 4.7%		
9 Meters Biopharma, Inc. (A)	44,726	43,773
Aclaris Therapeutics, Inc. (A)	8,427	122,529
Aerie Pharmaceuticals, Inc. (A)	7,895	55,423
Amneal Pharmaceuticals, Inc. (A)	17,304	82,886
Amphastar Pharmaceuticals, Inc. (A)	6,091	141,859
ANI Pharmaceuticals, Inc. (A)	1,695	78,106
Antares Pharma, Inc. (A)	29,477	105,233
Arvinas, Inc. (A)	7,513	617,118
Astellas Pharma, Inc.	309,047	5,029,903
AstraZeneca PLC	257,128	30,024,666
Atea Pharmaceuticals, Inc. (A)	10,982	98,179
Athira Pharma, Inc. (A)	5,520	71,926
Axsome Therapeutics, Inc. (A)(C)	4,609	174,128
Bayer AG	163,066	8,708,423
BioDelivery Sciences International, Inc. (A)	17,586	54,517
Bristol-Myers Squibb Company	275,338	17,167,324

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Cara Therapeutics, Inc. (A)	7,748	\$ 94,371
Cassava Sciences, Inc. (A)(C)	6,240	272,688
Catalent, Inc. (A)	21,107	2,702,329
Chugai Pharmaceutical Company, Ltd.	111,502	3,634,519
Citius Pharmaceuticals, Inc. (A)	17,697	27,253
Collegium Pharmaceutical, Inc. (A)	5,838	109,054
Corcept Therapeutics, Inc. (A)	15,642	309,712
CorMedix, Inc. (A)	6,176	28,101
Cymbay Therapeutics, Inc. (A)	14,809	50,054
Daiichi Sankyo Company, Ltd.	290,858	7,402,748
DICE Therapeutics, Inc. (A)	2,006	50,772
Durect Corp. (A)	43,508	42,895
Edgewise Therapeutics, Inc. (A)(C)	6,023	92,031
Eisai Company, Ltd.	39,368	2,234,835
Elanco Animal Health, Inc. (A)(D)	9,534	0
Eli Lilly & Company	98,918	27,323,130
Endo International PLC (A)	37,792	142,098
Esperion Therapeutics, Inc. (A)(C)	5,167	25,835
Evolus, Inc. (A)	6,245	40,655
EyePoint Pharmaceuticals, Inc. (A)	3,779	46,255
Fulcrum Therapeutics, Inc. (A)	4,595	81,286
GlaxoSmithKline PLC	835,182	18,184,209
Harmony Biosciences Holdings, Inc. (A)	3,654	155,807
Hikma Pharmaceuticals PLC	28,816	865,374
Ikena Oncology, Inc. (A)	4,422	55,452
Innoviva, Inc. (A)	6,767	116,731
Intra-Cellular Therapies, Inc. (A)	11,483	601,020
Ipsen SA	6,260	572,851
Jazz Pharmaceuticals PLC (A)	16,333	2,080,824
Johnson & Johnson	327,106	55,958,023
KemPharm, Inc. (A)	5,959	51,903
Kyowa Kirin Company, Ltd.	44,859	1,223,112
Marinus Pharmaceuticals, Inc. (A)	6,860	81,497
Merck & Company, Inc.	313,658	24,038,749
Merck KGaA	21,452	5,518,678
Mind Medicine MindMed, Inc. (A)	59,512	82,127
NGM Biopharmaceuticals, Inc. (A)	5,505	97,494
Nippon Shinyaku Company, Ltd.	8,200	571,009
Novartis AG	363,667	31,956,137
Novo Nordisk A/S, B Shares	279,506	31,395,753
Nuvation Bio, Inc. (A)	24,501	208,259
Ocular Therapeutix, Inc. (A)	13,671	95,287
Omeros Corp. (A)(C)	10,581	68,036
Ono Pharmaceutical Company, Ltd.	61,400	1,526,121
Oramed Pharmaceuticals, Inc. (A)	5,012	71,571
Organon & Company	31,413	956,526
Orion OYJ, Class B	17,616	731,747
Otsuka Holdings Company, Ltd.	64,793	2,357,228
Pacira BioSciences, Inc. (A)	7,166	431,178
Paratek Pharmaceuticals, Inc. (A)(C)	7,494	33,648
Perrigo Company PLC	35,545	1,382,701
Pfizer, Inc.	697,305	41,175,860
Phathom Pharmaceuticals, Inc. (A)	3,691	72,602
Phibro Animal Health Corp., Class A	3,700	75,554
Pliant Therapeutics, Inc. (A)	4,457	60,170
Prestige Consumer Healthcare, Inc. (A)	7,984	484,230
Provention Bio, Inc. (A)(C)	10,129	56,925
Rain Therapeutics, Inc. (A)	2,557	32,934
Reata Pharmaceuticals, Inc., Class A (A)	4,510	118,929
Recordati Industria Chimica e Farmaceutica SpA	17,356	1,114,499
Relmada Therapeutics, Inc. (A)	2,909	65,540
Revance Therapeutics, Inc. (A)	11,973	195,399
Roche Holding AG	116,614	48,378,616
Roche Holding AG, Bearer Shares	5,311	2,377,104

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Sanofi	188,738	\$ 18,938,717
Santen Pharmaceutical Company, Ltd.	59,800	730,083
Seelos Therapeutics, Inc. (A)	16,168	26,354
Shionogi & Company, Ltd.	43,911	3,088,978
SIGA Technologies, Inc. (A)	8,282	62,281
Sumitomo Dainippon Pharma Company, Ltd.	29,692	342,569
Supernus Pharmaceuticals, Inc. (A)	7,977	232,609
Taisho Pharmaceutical Holdings Company, Ltd.	6,316	291,546
Takeda Pharmaceutical Company, Ltd.	262,598	7,171,102
Tarsus Pharmaceuticals, Inc. (A)	1,280	28,800
Teva Pharmaceutical Industries, Ltd., ADR (A)	183,008	1,465,894
TherapeuticsMD, Inc. (A)(C)	83,719	29,762
Theravance Biopharma, Inc. (A)	10,399	114,909
UCB SA	20,985	2,394,933
Viatrix, Inc.	149,841	2,027,349
Vifor Pharma AG	8,092	1,437,525
Zoetis, Inc.	58,725	14,330,662
Zogenix, Inc. (A)	9,475	153,969
		435,832,070
		1,179,956,534
Industrials – 11.3%		
Aerospace and defense – 1.2%		
AAR Corp. (A)	5,693	222,198
Aerojet Rocketdyne Holdings, Inc.	12,041	563,037
AeroVironment, Inc. (A)	3,611	223,990
Airbus SE (A)	97,850	12,519,303
Astronics Corp. (A)	4,926	59,112
Axon Enterprise, Inc. (A)	17,451	2,739,807
BAE Systems PLC	533,811	3,980,731
Byrna Technologies, Inc. (A)	3,275	43,721
Curtiss-Wright Corp.	10,426	1,445,773
Dassault Aviation SA	4,157	449,609
Ducommun, Inc. (A)	1,957	91,529
Elbit Systems, Ltd.	4,402	760,905
General Dynamics Corp.	28,749	5,993,304
Hexcel Corp. (A)	22,291	1,154,674
Howmet Aerospace, Inc.	47,831	1,522,461
Huntington Ingalls Industries, Inc.	4,974	928,845
Kaman Corp.	4,573	197,325
Kratos Defense & Security Solutions, Inc. (A)	20,074	389,436
L3Harris Technologies, Inc.	24,201	5,160,621
Lockheed Martin Corp.	30,538	10,853,511
Maxar Technologies, Inc.	11,753	347,066
Mercury Systems, Inc. (A)	15,051	828,708
Moog, Inc., Class A	4,660	377,320
MTU Aero Engines AG	8,863	1,799,577
National Presto Industries, Inc.	960	78,749
Northrop Grumman Corp.	18,649	7,218,468
PAE, Inc. (A)	11,818	117,353
Park Aerospace Corp.	4,186	55,255
Parsons Corp. (A)	4,223	142,104
Raytheon Technologies Corp.	186,839	16,079,364
Rolls-Royce Holdings PLC (A)	1,388,882	2,318,232
Safran SA	56,732	6,945,311
Singapore Technologies Engineering, Ltd.	259,152	723,220
Textron, Inc.	27,773	2,144,076
Thales SA	17,708	1,506,358
The Boeing Company (A)	68,271	13,744,318
TransDigm Group, Inc. (A)	6,487	4,127,548
Triumph Group, Inc. (A)	10,456	193,750

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
Vectrus, Inc. (A)	1,974	\$ 90,350
		108,137,019
Air freight and logistics – 0.6%		
Air Transport Services Group, Inc. (A)	9,662	283,870
Atlas Air Worldwide Holdings, Inc. (A)	4,636	436,340
CH Robinson Worldwide, Inc.	16,320	1,756,522
Deutsche Post AG	164,531	10,582,758
DSV A/S	33,861	7,890,570
Expeditors International of Washington, Inc.	21,051	2,826,939
FedEx Corp.	30,476	7,882,313
Forward Air Corp.	4,343	525,894
GXO Logistics, Inc. (A)	26,197	2,379,474
Hub Group, Inc., Class A (A)	5,268	443,776
InPost SA (A)	33,196	398,641
Radiant Logistics, Inc. (A)	7,915	57,700
SG Holdings Company, Ltd.	53,100	1,245,112
United Parcel Service, Inc., Class B	90,241	19,342,256
Yamato Holdings Company, Ltd.	48,393	1,136,825
		57,188,990
Airlines – 0.2%		
Alaska Air Group, Inc. (A)	15,517	808,436
Allegiant Travel Company (A)	2,507	468,909
American Airlines Group, Inc. (A)	80,224	1,440,823
ANA Holdings, Inc. (A)	26,549	555,003
Delta Air Lines, Inc. (A)	79,290	3,098,653
Deutsche Lufthansa AG (A)	99,215	694,698
Frontier Group Holdings, Inc. (A)	6,090	82,641
Hawaiian Holdings, Inc. (A)	8,873	162,997
Japan Airlines Company, Ltd. (A)	23,940	454,460
JetBlue Airways Corp. (A)	84,503	1,203,323
Mesa Air Group, Inc. (A)	6,639	37,178
Qantas Airways, Ltd. (A)	153,396	559,567
Singapore Airlines, Ltd. (A)	222,427	824,703
SkyWest, Inc. (A)	8,150	320,295
Southwest Airlines Company (A)	73,310	3,140,600
Spirit Airlines, Inc. (A)	16,030	350,256
Sun Country Airlines Holdings, Inc. (A)	3,963	107,992
United Airlines Holdings, Inc. (A)	40,098	1,755,490
		16,066,024
Building products – 1.0%		
A.O. Smith Corp.	16,504	1,416,868
AAON, Inc.	6,727	534,326
AGC, Inc.	32,076	1,532,369
Allegion PLC	11,114	1,471,938
American Woodmark Corp. (A)	2,832	184,646
Apogee Enterprises, Inc.	4,190	201,749
Assa Abloy AB, B Shares	166,365	5,070,967
Builders FirstSource, Inc. (A)	50,883	4,361,182
Caesarstone, Ltd.	4,720	53,525
Carlisle Companies, Inc.	13,893	3,447,131
Carrier Global Corp.	107,515	5,831,614
Cie de Saint-Gobain	83,976	5,907,422
Cornerstone Building Brands, Inc. (A)	9,363	163,291
CSW Industrials, Inc.	2,359	285,109
Daikin Industries, Ltd.	41,397	9,377,214
Fortune Brands Home & Security, Inc.	17,084	1,826,280
Geberit AG	5,955	4,854,121
Gibraltar Industries, Inc. (A)	5,313	354,271
Griffon Corp.	7,738	220,378
Insteel Industries, Inc.	3,142	125,083
JELD-WEN Holding, Inc. (A)	13,799	363,742
Johnson Controls International PLC	88,250	7,175,608
Kingspan Group PLC	25,566	3,049,639

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Building products (continued)		
Lennox International, Inc.	8,944	\$ 2,901,076
Lixil Corp.	44,250	1,180,454
Masco Corp.	30,625	2,150,488
Masonite International Corp. (A)	3,871	456,584
Nibe Industrier AB, B Shares	236,751	3,577,292
Owens Corning	26,700	2,416,350
PGT Innovations, Inc. (A)	9,463	212,823
Quanex Building Products Corp.	5,993	148,507
Resideo Technologies, Inc. (A)	23,475	611,054
Rockwool International A/S, B Shares	1,390	606,982
Simpson Manufacturing Company, Inc.	18,526	2,576,411
TOTO, Ltd.	23,500	1,084,231
Trane Technologies PLC	29,442	5,948,167
Trex Company, Inc. (A)	30,587	4,130,163
UFP Industries, Inc.	9,652	888,081
View, Inc. (A)(C)	21,339	83,435
Xinyi Glass Holdings, Ltd.	302,000	756,456
Zurn Water Solutions Corp.	19,530	710,892
		88,247,919
Commercial services and supplies – 0.5%		
ABM Industries, Inc.	10,957	447,593
ACCO Brands Corp.	15,973	131,937
Brady Corp., Class A	7,477	403,010
Brambles, Ltd.	239,311	1,851,387
BrightView Holdings, Inc. (A)	7,156	100,756
Casella Waste Systems, Inc., Class A (A)	7,949	679,004
CECO Environmental Corp. (A)	4,840	30,153
Cimpress PLC (A)	2,782	199,219
Cintas Corp.	10,845	4,806,179
Clean Harbors, Inc. (A)	13,301	1,327,041
Copart, Inc. (A)	26,383	4,000,190
CoreCivic, Inc. (A)	19,627	195,681
Dai Nippon Printing Company, Ltd.	36,873	927,976
Deluxe Corp.	6,884	221,045
Ennis, Inc.	4,335	84,663
Harsco Corp. (A)	13,152	219,770
Healthcare Services Group, Inc.	12,571	223,638
Heritage-Crystal Clean, Inc. (A)	2,836	90,809
HNI Corp.	7,121	299,438
IAA, Inc. (A)	35,830	1,813,715
Interface, Inc.	10,061	160,473
KAR Auction Services, Inc. (A)	19,280	301,154
Kimball International, Inc., Class B	7,693	78,699
Matthews International Corp., Class A	5,258	192,811
MillerKnoll, Inc.	32,276	1,264,896
Montrose Environmental Group, Inc. (A)	3,947	278,303
MSA Safety, Inc.	9,688	1,462,500
Pitney Bowes, Inc.	28,957	191,985
Rentokil Initial PLC	308,618	2,442,941
Republic Services, Inc.	26,036	3,630,720
Rollins, Inc.	28,047	959,488
RR Donnelley & Sons Company (A)	11,796	132,823
Secom Company, Ltd.	34,855	2,421,943
Securitas AB, B Shares	51,974	714,978
Sohgo Security Services Company, Ltd.	11,900	472,856
SP Plus Corp. (A)	4,069	114,827
Steelcase, Inc., Class A	14,636	171,534
Stericycle, Inc. (A)	24,409	1,455,753
Tetra Tech, Inc.	23,032	3,910,834
The Brink's Company	20,928	1,372,249
Toppan, Inc.	43,562	817,472
UniFirst Corp.	2,415	508,116
US Ecology, Inc. (A)	5,335	170,400
Viad Corp. (A)	3,348	143,261
VSE Corp.	1,949	118,772

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
Waste Management, Inc.	48,003	\$ 8,011,701
		49,554,693
Construction and engineering – 0.4%		
ACS Actividades de Construccion y Servicios SA	40,709	1,085,345
AECOM (A)	38,278	2,960,803
Ameresco, Inc., Class A (A)	4,998	407,037
API Group Corp. (A)	32,571	839,355
Arcosa, Inc.	7,816	411,903
Argan, Inc.	2,706	104,695
Bouygues SA	37,958	1,358,744
Comfort Systems USA, Inc.	5,766	570,488
Concrete Pumping Holdings, Inc. (A)	5,156	42,279
Construction Partners, Inc., Class A (A)	4,693	138,021
Dycom Industries, Inc. (A)	12,821	1,202,097
Eiffage SA	13,826	1,425,512
EMCOR Group, Inc.	22,754	2,898,632
Ferrovial SA	80,594	2,520,469
Fluor Corp. (A)	60,797	1,505,942
Granite Construction, Inc.	7,411	286,806
Great Lakes Dredge & Dock Corp. (A)	10,640	167,261
IES Holdings, Inc. (A)	1,488	75,352
Infrastructure and Energy Alternatives, Inc. (A)	5,254	48,337
Kajima Corp.	74,585	857,169
MasTec, Inc. (A)	15,202	1,402,841
Matrix Service Company (A)	5,607	42,165
MYR Group, Inc. (A)	2,653	293,289
Northwest Pipe Company (A)	2,032	64,618
NV5 Global, Inc. (A)	2,129	294,057
Obayashi Corp.	107,815	834,417
Primoris Services Corp.	8,639	207,163
Quanta Services, Inc.	17,242	1,976,968
Shimizu Corp.	91,629	568,131
Skanska AB, B Shares	56,467	1,459,171
Sterling Construction Company, Inc. (A)	4,883	128,423
Taisei Corp.	31,673	963,179
Tutor Perini Corp. (A)	7,083	87,617
Valmont Industries, Inc.	5,639	1,412,570
Vinci SA	89,279	9,429,182
WillScot Mobile Mini Holdings Corp. (A)	34,203	1,396,851
		39,466,889
Electrical equipment – 1.1%		
ABB, Ltd.	272,631	10,390,724
Acuity Brands, Inc.	9,280	1,964,762
Allied Motion Technologies, Inc.	2,213	80,752
American Superconductor Corp. (A)	5,408	58,839
AMETEK, Inc.	28,648	4,212,402
Array Technologies, Inc. (A)	20,946	328,643
Atkore, Inc. (A)	7,453	828,699
AZZ, Inc.	3,903	215,797
Babcock & Wilcox Enterprises, Inc. (A)	9,757	88,008
Beam Global (A)(C)	1,796	33,406
Blink Charging Company (A)(C)	5,999	159,033
Bloom Energy Corp., Class A (A)	22,801	500,026
Eaton Corp. PLC	49,390	8,535,580
Emerson Electric Company	74,072	6,886,474
Encore Wire Corp.	3,180	455,058
EnerSys	18,037	1,426,005
Eos Energy Enterprises, Inc. (A)(C)	7,745	58,242
FuelCell Energy, Inc. (A)(C)	59,560	309,712
Fuji Electric Company, Ltd.	21,040	1,149,375
Generac Holdings, Inc. (A)	7,821	2,752,366
GrafTech International, Ltd.	32,537	384,913
Hubbell, Inc.	14,457	3,010,959

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electrical equipment (continued)		
Legrand SA	44,392	\$ 5,199,237
Mitsubishi Electric Corp.	302,897	3,844,682
Nidec Corp.	74,186	8,775,781
nVent Electric PLC	44,702	1,698,676
Powell Industries, Inc.	1,982	58,449
Prysmian SpA	42,282	1,590,486
Regal Rexnord Corp.	18,004	3,063,921
Rockwell Automation, Inc.	14,377	5,015,416
Romeo Power, Inc. (A)(C)	22,897	83,574
Schneider Electric SE	89,728	17,640,112
Siemens Energy AG (A)	66,336	1,692,516
Siemens Gamesa Renewable Energy SA (A)	39,570	939,703
Stem, Inc. (A)	17,682	335,428
Sunrun, Inc. (A)	55,003	1,886,603
Thermon Group Holdings, Inc. (A)	5,840	98,871
TPI Composites, Inc. (A)	6,220	93,051
Vestas Wind Systems A/S	167,622	5,104,949
Vicor Corp. (A)	9,107	1,156,407
		102,107,637
Industrial conglomerates – 1.0%		
3M Company	71,698	12,735,716
CK Hutchison Holdings, Ltd.	446,738	2,876,288
DCC PLC	16,368	1,339,936
General Electric Company	136,009	12,848,770
Hitachi, Ltd.	160,694	8,705,328
Honeywell International, Inc.	85,546	17,837,196
Investment AB Latour, B Shares	24,574	998,403
Jardine Matheson Holdings, Ltd.	35,900	1,974,055
Keppel Corp., Ltd.	241,745	919,357
Lifco AB, B Shares	38,692	1,155,677
Melrose Industries PLC	725,748	1,578,345
Roper Technologies, Inc.	13,063	6,425,167
Siemens AG	126,977	21,992,769
Smiths Group PLC	65,792	1,408,296
Toshiba Corp.	68,028	2,799,244
		95,594,547
Machinery – 2.4%		
AGCO Corp.	16,305	1,891,706
Alamo Group, Inc.	1,528	224,891
Albany International Corp., Class A	4,997	441,985
Alfa Laval AB	52,217	2,097,533
Alstom SA	52,668	1,870,264
Altra Industrial Motion Corp.	10,637	548,550
Astec Industries, Inc.	3,764	260,732
Atlas Copco AB, A Shares	111,461	7,702,047
Atlas Copco AB, B Shares	64,770	3,804,606
Barnes Group, Inc.	7,672	357,438
Blue Bird Corp. (A)	2,759	43,151
Caterpillar, Inc.	67,102	13,872,667
Chart Industries, Inc. (A)	5,909	942,426
CIRCOR International, Inc. (A)	3,420	92,956
CNH Industrial NV	169,850	3,283,914
Colfax Corp. (A)	35,780	1,644,807
Columbus McKinnon Corp.	4,539	209,974
Commercial Vehicle Group, Inc. (A)	6,138	49,472
Crane Company	13,264	1,349,347
Cummins, Inc.	17,794	3,881,583
Daifuku Company, Ltd.	16,800	1,373,818
Daimler Truck Holding AG (A)	71,030	2,611,216
Deere & Company	35,173	12,060,470
Desktop Metal, Inc., Class A (A)	31,249	154,683
Donaldson Company, Inc.	32,840	1,946,098
Douglas Dynamics, Inc.	3,694	144,288
Dover Corp.	17,838	3,239,381

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
Energy Recovery, Inc. (A)	7,065	\$ 151,827
Enerpac Tool Group Corp.	10,121	205,254
EnPro Industries, Inc.	3,346	368,294
Epiroc AB, A Shares	109,386	2,765,911
Epiroc AB, B Shares	64,728	1,368,816
ESCO Technologies, Inc.	4,149	373,369
Evoqua Water Technologies Corp. (A)	18,790	878,433
FANUC Corp.	31,818	6,763,294
Federal Signal Corp.	9,633	417,494
Flowserve Corp.	34,613	1,059,158
Fortive Corp.	44,407	3,387,810
Franklin Electric Company, Inc.	7,408	700,500
GEA Group AG	25,465	1,390,882
Graco, Inc.	45,161	3,640,880
Helios Technologies, Inc.	5,268	554,036
Hillenbrand, Inc.	11,820	614,522
Hino Motors, Ltd.	47,642	392,854
Hitachi Construction Machinery Company, Ltd.	17,852	515,832
Hoshizaki Corp.	9,000	677,141
Husqvarna AB, B Shares	69,452	1,110,461
Hydrofarm Holdings Group, Inc. (A)	6,582	186,205
Hyllion Holdings Corp. (A)(C)	20,148	124,918
Hyster-Yale Materials Handling, Inc.	1,831	75,254
Ideanomics, Inc. (A)(C)	69,539	83,447
IDEX Corp.	9,417	2,225,425
Illinois Tool Works, Inc.	35,515	8,765,102
Ingersoll Rand, Inc.	50,204	3,106,121
ITT, Inc.	22,745	2,324,312
John Bean Technologies Corp.	5,058	776,706
Kadant, Inc.	1,850	426,388
Kennametal, Inc.	35,897	1,289,061
KION Group AG	11,977	1,308,196
Knorr-Bremse AG	12,040	1,189,124
Komatsu, Ltd.	145,376	3,399,761
Kone OYJ, B Shares	56,416	4,048,337
Kornit Digital, Ltd. (A)	7,700	1,172,325
Kubota Corp.	170,552	3,792,403
Kurita Water Industries, Ltd.	16,427	778,780
Lincoln Electric Holdings, Inc.	15,690	2,188,284
Lindsay Corp.	1,711	260,072
Luxfer Holdings PLC	4,941	95,411
Makita Corp.	37,152	1,577,090
Meritor, Inc. (A)	10,948	271,291
Miller Industries, Inc.	1,979	66,099
MINEBEA MITSUMI, Inc.	60,300	1,713,341
MISUMI Group, Inc.	47,200	1,939,069
Mitsubishi Heavy Industries, Ltd.	53,163	1,229,150
Miura Company, Ltd.	14,600	502,612
Mueller Industries, Inc.	8,997	534,062
Mueller Water Products, Inc., Class A	25,665	369,576
NGK Insulators, Ltd.	42,761	723,730
Nikola Corp. (A)(C)	36,836	363,571
Nordson Corp.	14,361	3,665,932
Omega Flex, Inc.	500	63,475
Oshkosh Corp.	18,237	2,055,492
Otis Worldwide Corp.	52,881	4,604,349
PACCAR, Inc.	43,018	3,796,769
Parker-Hannifin Corp.	15,991	5,087,057
Pentair PLC	20,552	1,500,913
Proto Labs, Inc. (A)	4,662	239,394
Rational AG	849	868,326
RBC Bearings, Inc. (A)	4,251	858,574
REV Group, Inc.	5,003	70,792
Sandvik AB	187,386	5,223,108

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
Schindler Holding AG	3,340	\$ 892,574
Schindler Holding AG, Participation Certificates	6,759	1,814,318
SKF AB, B Shares	63,434	1,500,196
SMC Corp.	9,547	6,452,416
Snap-on, Inc.	6,687	1,440,246
Spirax-Sarco Engineering PLC	12,244	2,664,666
SPX Corp. (A)	7,069	421,878
SPX FLOW, Inc.	6,707	580,021
Standex International Corp.	1,966	217,558
Stanley Black & Decker, Inc.	20,192	3,808,615
Techtronic Industries Company, Ltd.	228,242	4,549,981
Tennant Company	2,965	240,284
Terex Corp.	29,605	1,301,140
The Gorman-Rupp Company	3,754	167,241
The Greenbrier Companies, Inc.	5,070	232,662
The Manitowoc Company, Inc. (A)	5,955	110,703
The Middleby Corp. (A)	14,780	2,908,113
The Shyft Group, Inc.	5,578	274,047
The Timken Company	18,342	1,270,917
The Toro Company	28,283	2,825,755
Titan International, Inc. (A)	9,585	105,052
Toyota Industries Corp.	24,353	1,948,068
Trinity Industries, Inc.	34,390	1,038,578
VAT Group AG (B)	4,482	2,220,936
Volvo AB, A Shares	33,230	779,493
Volvo AB, B Shares	237,301	5,487,938
Wabash National Corp.	8,279	161,606
Wabtec Corp.	23,423	2,157,493
Wartsila OYJ ABP	78,573	1,102,047
Watts Water Technologies, Inc., Class A	4,400	854,348
Welbilt, Inc. (A)	21,127	502,189
Woodward, Inc.	16,751	1,833,564
Xylem, Inc.	22,324	2,677,094
Yaskawa Electric Corp.	39,810	1,953,303
		224,871,215
Marine – 0.1%		
A.P. Moller - Maersk A/S, Series A	521	1,728,451
A.P. Moller - Maersk A/S, Series B	961	3,430,109
Costamare, Inc.	8,753	110,725
Eagle Bulk Shipping, Inc. (C)	1,633	74,302
Genco Shipping & Trading, Ltd.	5,503	88,048
Kirby Corp. (A)	15,972	949,056
Kuehne + Nagel International AG	9,019	2,904,634
Matson, Inc.	6,695	602,751
Nippon Yusen KK	26,825	2,045,484
Safe Bulkers, Inc. (A)	11,401	42,982
SITC International Holdings Company, Ltd.	223,000	806,521
		12,783,063
Professional services – 1.0%		
Acacia Research Corp. (A)	9,416	48,304
Adecco Group AG	25,723	1,310,776
ASGN, Inc. (A)	22,062	2,722,451
Barrett Business Services, Inc.	1,349	93,162
Benefit One, Inc.	13,300	571,428
Bureau Veritas SA	48,805	1,620,274
CACI International, Inc., Class A (A)	6,198	1,668,564
CBIZ, Inc. (A)	8,006	313,195
CRA International, Inc.	1,245	116,233
Equifax, Inc.	15,097	4,420,251
Experian PLC	153,029	7,537,575
Exponent, Inc.	8,378	977,964
First Advantage Corp. (A)	7,756	147,674
Forrester Research, Inc. (A)	2,019	118,576

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Professional services (continued)		
Franklin Covey Company (A)	2,291	\$ 106,211
FTI Consulting, Inc. (A)	9,111	1,397,810
Heidrick & Struggles International, Inc.	3,293	144,003
Huron Consulting Group, Inc. (A)	3,656	182,434
ICF International, Inc.	2,971	304,676
IHS Markit, Ltd.	49,391	6,565,052
Insperty, Inc.	15,398	1,818,658
Intertek Group PLC	26,789	2,043,663
Jacobs Engineering Group, Inc.	16,147	2,248,147
KBR, Inc.	60,127	2,863,248
Kelly Services, Inc., Class A	6,115	102,549
Kforce, Inc.	3,284	247,022
Korn Ferry	8,736	661,577
Leidos Holdings, Inc.	17,541	1,559,395
ManpowerGroup, Inc.	14,412	1,402,720
ManTech International Corp., Class A	4,370	318,704
Nielsen Holdings PLC	44,458	911,834
Nihon M&A Center Holdings, Inc.	50,300	1,233,816
Persol Holdings Company, Ltd.	29,500	857,661
Randstad NV	19,847	1,353,907
Recruit Holdings Company, Ltd.	225,200	13,704,701
RELX PLC	320,977	10,478,905
Resources Connection, Inc.	5,997	106,986
Robert Half International, Inc.	13,874	1,547,228
Science Applications International Corp.	15,296	1,278,593
SGS SA	995	3,317,028
Sterling Check Corp. (A)(C)	1,982	40,651
Teleperformance	9,749	4,358,544
TriNet Group, Inc. (A)	6,539	622,905
TrueBlue, Inc. (A)	5,811	160,790
Upwork, Inc. (A)	19,143	653,925
Verisk Analytics, Inc.	19,993	4,572,999
Willdan Group, Inc. (A)	2,157	75,926
Wolters Kluwer NV	44,403	5,226,272
		94,134,967
Road and rail – 0.9%		
ArcBest Corp.	4,083	489,348
Aurizon Holdings, Ltd.	305,531	776,240
Avis Budget Group, Inc. (A)	17,336	3,594,966
Central Japan Railway Company	23,976	3,190,533
Covenant Logistics Group, Inc. (A)	2,127	56,217
CSX Corp.	275,276	10,350,378
Daseke, Inc. (A)	7,297	73,262
East Japan Railway Company	50,140	3,082,382
Hankyu Hanshin Holdings, Inc.	38,000	1,079,913
Heartland Express, Inc.	7,688	129,312
JB Hunt Transport Services, Inc.	10,428	2,131,483
Keio Corp.	17,115	755,150
Keisei Electric Railway Company, Ltd.	21,494	581,467
Kintetsu Group Holdings Company, Ltd. (A)	28,474	795,980
Knight-Swift Transportation Holdings, Inc.	44,096	2,687,210
Landstar System, Inc.	10,126	1,812,757
Marten Transport, Ltd.	10,031	172,132
MTR Corp., Ltd.	256,815	1,378,596
Nippon Express Company, Ltd.	12,746	762,781
Norfolk Southern Corp.	30,086	8,956,903
Odakyu Electric Railway Company, Ltd.	48,979	910,592
Old Dominion Freight Line, Inc.	11,623	4,165,451
Ryder System, Inc.	14,267	1,176,029
Saia, Inc. (A)	11,279	3,801,361
Tobu Railway Company, Ltd.	31,373	715,930
Tokyu Corp.	83,008	1,103,482
U.S. Xpress Enterprises, Inc., Class A (A)	5,913	34,709
Union Pacific Corp.	79,890	20,126,688

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Road and rail (continued)		
Werner Enterprises, Inc.	25,955	\$ 1,237,015
West Japan Railway Company	35,825	1,498,306
XPO Logistics, Inc. (A)	26,212	2,029,595
Yellow Corp. (A)	8,700	109,533
		79,765,701
Trading companies and distributors – 0.8%		
Alta Equipment Group, Inc. (A)	3,834	56,130
Applied Industrial Technologies, Inc.	6,224	639,205
Ashtead Group PLC	74,269	5,987,161
Beacon Roofing Supply, Inc. (A)	9,099	521,828
BlueLinX Holdings, Inc. (A)	1,553	148,715
Boise Cascade Company	6,362	452,974
Brenntag SE	25,645	2,315,841
Bunzl PLC	55,986	2,187,110
Custom Truck One Source, Inc. (A)(C)	8,004	64,032
DXP Enterprises, Inc. (A)	3,132	80,398
Fastenal Company	71,215	4,562,033
Ferguson PLC	36,900	6,554,422
GATX Corp.	15,082	1,571,394
Global Industrial Company	2,153	88,058
GMS, Inc. (A)	6,933	416,743
H&E Equipment Services, Inc.	5,300	234,631
Herc Holdings, Inc.	4,043	632,932
IMCD NV	9,459	2,090,468
ITOCHU Corp.	197,304	6,036,294
Marubeni Corp.	259,659	2,529,857
McGrath RentCorp	3,937	315,984
Mitsubishi Corp.	209,606	6,655,640
Mitsui & Company, Ltd.	259,003	6,137,817
MonotaRO Company, Ltd.	41,600	748,217
MRC Global, Inc. (A)	13,550	93,224
MSC Industrial Direct Company, Inc., Class A	12,440	1,045,706
NOW, Inc. (A)	18,290	156,197
Reece, Ltd.	48,250	948,894
Rush Enterprises, Inc., Class A	6,325	351,923
Rush Enterprises, Inc., Class B	1,569	84,679
Sumitomo Corp.	186,938	2,766,569
Textainer Group Holdings, Ltd.	7,704	275,110
Titan Machinery, Inc. (A)	3,357	113,097
Toyota Tsusho Corp.	35,282	1,626,385
Transcat, Inc. (A)	1,202	111,101
Triton International, Ltd.	10,769	648,617
United Rentals, Inc. (A)	8,970	2,980,641
Univar Solutions, Inc. (A)	45,425	1,287,799
Veritiv Corp. (A)	2,338	286,569
W.W. Grainger, Inc.	5,420	2,808,861
Watsco, Inc.	8,775	2,745,522
WESCO International, Inc. (A)	7,191	946,264
		70,305,042
Transportation infrastructure – 0.1%		
Aena SME SA (A)(B)	12,449	1,960,518
Aeroports de Paris (A)	4,928	635,730
Atlantia SpA (A)	82,240	1,631,787
Auckland International Airport, Ltd. (A)	207,770	1,093,666
Getlink SE	73,033	1,209,593
Sydney Airport (A)	219,489	1,385,739
Transurban Group	506,202	5,084,442
		13,001,475
		1,051,225,181
Information technology – 20.5%		
Communications equipment – 0.7%		
ADTRAN, Inc.	8,121	185,402
Arista Networks, Inc. (A)	27,756	3,989,925

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Communications equipment (continued)		
Aviat Networks, Inc. (A)	1,802	\$ 57,808
CalAmp Corp. (A)	7,023	49,582
Calix, Inc. (A)	8,940	714,932
Cambium Networks Corp. (A)	1,840	47,159
Ciena Corp. (A)	41,166	3,168,547
Cisco Systems, Inc.	524,656	33,247,451
Clearfield, Inc. (A)	1,929	162,846
Comtech Telecommunications Corp.	4,321	102,364
Digi International, Inc. (A)	5,956	146,339
DZS, Inc. (A)	2,269	36,803
Extreme Networks, Inc. (A)	20,330	319,181
F5, Inc. (A)	7,473	1,828,718
Harmonic, Inc. (A)	14,796	174,001
Infinera Corp. (A)	29,909	286,827
Inseego Corp. (A)(C)	15,028	87,613
Juniper Networks, Inc.	40,289	1,438,720
Lumentum Holdings, Inc. (A)	19,211	2,031,947
Motorola Solutions, Inc.	20,981	5,700,538
NETGEAR, Inc. (A)	4,864	142,077
NetScout Systems, Inc. (A)	11,288	373,407
Nokia OYJ (A)	894,932	5,668,218
Plantronics, Inc. (A)	7,021	205,996
Ribbon Communications, Inc. (A)	12,828	77,609
Telefonaktiebolaget LM Ericsson, B Shares	484,469	5,330,632
ViaSat, Inc. (A)	19,515	869,198
Viavi Solutions, Inc. (A)	37,324	657,649
		<hr/>
		67,101,489
Electronic equipment, instruments and components – 1.3%		
908 Devices, Inc. (A)	2,871	74,273
Advanced Energy Industries, Inc.	6,127	557,925
Aeva Technologies, Inc. (A)(C)	15,765	119,183
Akoustis Technologies, Inc. (A)	8,479	56,640
Amphenol Corp., Class A	74,120	6,482,535
Arlo Technologies, Inc. (A)	14,359	150,626
Arrow Electronics, Inc. (A)	18,501	2,484,129
Avnet, Inc.	26,364	1,086,988
Azbil Corp.	20,500	934,975
Badger Meter, Inc.	4,671	497,742
Belden, Inc.	19,045	1,251,828
Benchmark Electronics, Inc.	5,838	158,210
CDW Corp.	17,037	3,488,837
Cognex Corp.	46,977	3,652,932
Coherent, Inc. (A)	6,519	1,737,574
Corning, Inc.	95,240	3,545,785
CTS Corp.	5,353	196,562
Daktronics, Inc. (A)	9,075	45,829
ePlus, Inc. (A)	4,332	233,408
Fabrinet (A)	5,957	705,726
FARO Technologies, Inc. (A)	3,029	212,091
Halma PLC	63,015	2,732,259
Hamamatsu Photonics KK	23,300	1,488,168
Hexagon AB, B Shares	327,001	5,179,874
Hirose Electric Company, Ltd.	5,375	903,319
Ibiden Company, Ltd.	17,500	1,039,246
Identiv, Inc. (A)	3,776	106,257
II-VI, Inc. (A)(C)	45,297	3,095,144
Insight Enterprises, Inc. (A)	5,545	591,097
IPG Photonics Corp. (A)	4,441	764,474
Itron, Inc. (A)	7,354	503,896
Jabil, Inc.	38,085	2,679,280
Keyence Corp.	32,300	20,308,886
Keysight Technologies, Inc. (A)	22,827	4,714,004
Kimball Electronics, Inc. (A)	3,971	86,409
Knowles Corp. (A)	14,223	332,107
Kyocera Corp.	53,263	3,330,324

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electronic equipment, instruments and components (continued)		
Littelfuse, Inc.	6,545	\$ 2,059,581
Luna Innovations, Inc. (A)	6,244	52,699
Methode Electronics, Inc.	6,068	298,364
MicroVision, Inc. (A)(C)	27,715	138,852
Murata Manufacturing Company, Ltd.	95,339	7,604,473
Napco Security Technologies, Inc. (A)	2,373	118,603
National Instruments Corp.	35,042	1,530,284
nLight, Inc. (A)	7,070	169,327
Novanta, Inc. (A)	5,690	1,003,318
Omron Corp.	30,818	3,070,931
OSI Systems, Inc. (A)	2,695	251,174
Ouster, Inc. (A)	23,686	123,167
PAR Technology Corp. (A)(C)	3,967	209,339
PC Connection, Inc.	1,716	74,011
Plexus Corp. (A)	4,472	428,820
Rogers Corp. (A)	3,025	825,825
Sanmina Corp. (A)	10,188	422,394
ScanSource, Inc. (A)	4,049	142,039
Shimadzu Corp.	39,292	1,659,615
TD SYNnex Corp.	10,969	1,254,415
TDK Corp.	64,563	2,519,628
TE Connectivity, Ltd.	40,642	6,557,180
Teledyne Technologies, Inc. (A)	5,775	2,523,040
Trimble, Inc. (A)	31,178	2,718,410
TTM Technologies, Inc. (A)	17,068	254,313
Velodyne Lidar, Inc. (A)	13,728	63,698
Venture Corp., Ltd.	46,000	625,087
Vishay Intertechnology, Inc.	56,768	1,241,516
Vishay Precision Group, Inc. (A)	2,262	83,965
Vontier Corp.	44,920	1,380,392
Yokogawa Electric Corp.	37,892	683,929
Zebra Technologies Corp., Class A (A)	6,617	3,938,438
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		119,555,369
IT services – 3.2%		
Accenture PLC, Class A	78,575	32,573,266
Adyen NV (A)(B)	3,286	8,625,749
Afterpay, Ltd. (A)	36,112	2,179,979
Akamai Technologies, Inc. (A)	20,176	2,361,399
Alliance Data Systems Corp.	13,228	880,588
Amadeus IT Group SA (A)	74,775	5,059,593
Automatic Data Processing, Inc.	52,423	12,926,463
Bechtle AG	13,594	967,343
BigCommerce Holdings, Inc., Series 1 (A)	7,944	280,979
Brightcove, Inc. (A)	7,687	78,561
Broadridge Financial Solutions, Inc.	14,394	2,631,511
Cantaloupe, Inc. (A)	9,780	86,846
Capgemini SE	26,615	6,522,817
Cass Information Systems, Inc.	2,618	102,940
Cognizant Technology Solutions Corp., Class A	65,126	5,777,979
Computershare, Ltd.	90,189	1,312,894
Concentrix Corp.	11,399	2,036,089
Conduent, Inc. (A)	28,619	152,825
CSG Systems International, Inc.	5,277	304,061
DigitalOcean Holdings, Inc. (A)	8,092	650,030
DXC Technology Company (A)	31,213	1,004,746
Edenred	41,428	1,913,077
EPAM Systems, Inc. (A)	7,068	4,724,605
EVERTEC, Inc.	9,807	490,154
EVO Payments, Inc., Class A (A)	8,058	206,285
ExlService Holdings, Inc. (A)	5,310	768,729
Fidelity National Information Services, Inc.	75,146	8,202,186
Fiserv, Inc. (A)	73,847	7,664,580
FleetCor Technologies, Inc. (A)	10,235	2,291,002

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
IT services (continued)		
Flywire Corp. (A)	9,763	\$ 371,580
Fujitsu, Ltd.	32,623	5,605,495
Gartner, Inc. (A)	10,365	3,465,227
Genpact, Ltd.	45,971	2,440,141
Global Payments, Inc.	36,398	4,920,282
GMO Payment Gateway, Inc.	7,000	871,686
Grid Dynamics Holdings, Inc. (A)	7,002	265,866
i3 Verticals, Inc., Class A (A)	3,899	88,858
IBM Corp.	111,062	14,844,547
International Money Express, Inc. (A)	5,640	90,014
Itochu Techno-Solutions Corp.	15,900	511,467
Jack Henry & Associates, Inc.	9,204	1,536,976
Kyndryl Holdings, Inc. (A)	47,598	861,524
Limelight Networks, Inc. (A)	22,486	77,127
LiveRamp Holdings, Inc. (A)	28,892	1,385,371
Mastercard, Inc., Class A	107,944	38,786,438
MAXIMUS, Inc.	26,239	2,090,461
MoneyGram International, Inc. (A)	15,375	121,309
NEC Corp.	40,784	1,885,840
Nexi SpA (A)(B)	77,691	1,231,121
Nomura Research Institute, Ltd.	55,800	2,385,494
NTT Data Corp.	104,710	2,246,157
Obic Company, Ltd.	11,600	2,170,930
Otsuka Corp.	18,900	901,202
Paya Holdings, Inc. (A)	14,560	92,310
Paychex, Inc.	39,682	5,416,593
PayPal Holdings, Inc. (A)	146,375	27,603,398
Perficient, Inc. (A)	5,271	681,488
Rackspace Technology, Inc. (A)	9,388	126,456
Remitly Global, Inc. (A)	1,517	31,281
Repay Holdings Corp. (A)	14,406	263,198
Sabre Corp. (A)	85,939	738,216
SCSK Corp.	25,900	515,467
The Hackett Group, Inc.	4,170	85,610
The Western Union Company	106,816	1,905,597
TIS, Inc.	37,200	1,106,181
TTEC Holdings, Inc.	2,965	268,481
Tucows, Inc., Class A (A)(C)	1,671	140,063
Unisys Corp. (A)	10,565	217,322
VeriSign, Inc. (A)	12,060	3,061,069
Verra Mobility Corp. (A)	22,098	340,972
Visa, Inc., Class A	208,413	45,165,181
WEX, Inc. (A)	11,909	1,671,905
Wix.com, Ltd. (A)	9,300	1,467,447
Worldline SA (A)(B)	39,570	2,202,472
		295,033,096
Semiconductors and semiconductor equipment – 5.0%		
Advanced Micro Devices, Inc. (A)	150,296	21,627,594
Advantest Corp.	33,100	3,134,542
Alpha & Omega Semiconductor, Ltd. (A)	3,509	212,505
Ambarella, Inc. (A)	5,711	1,158,705
Amkor Technology, Inc.	43,155	1,069,812
Analog Devices, Inc.	66,650	11,715,071
Applied Materials, Inc.	112,281	17,668,538
ASM International NV	7,773	3,431,137
ASML Holding NV	68,606	54,954,767
Atomera, Inc. (A)(C)	3,439	69,193
Axcelis Technologies, Inc. (A)	5,430	404,861
AXT, Inc. (A)	8,158	71,872
Azenta, Inc.	19,755	2,036,938
Broadcom, Inc.	51,164	34,045,037
CEVA, Inc. (A)	3,891	168,247
Cirrus Logic, Inc. (A)	15,181	1,396,956
CMC Materials, Inc.	12,160	2,330,950
Cohu, Inc. (A)	7,884	300,302

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment (continued)		
Diodes, Inc. (A)	7,043	\$ 773,392
Disco Corp.	4,800	1,467,132
Enphase Energy, Inc. (A)	16,681	3,051,622
First Solar, Inc. (A)	26,274	2,290,042
FormFactor, Inc. (A)	12,678	579,638
Ichor Holdings, Ltd. (A)	4,495	206,905
Impinj, Inc. (A)	3,051	270,624
Infineon Technologies AG	216,762	9,979,388
Intel Corp.	505,629	26,039,894
KLA Corp.	18,925	8,139,832
Kopin Corp. (A)(C)	14,258	58,315
Kulicke & Soffa Industries, Inc.	9,906	599,709
Lam Research Corp.	17,444	12,544,853
Lasertec Corp.	12,500	3,828,768
Latlive Semiconductor Corp. (A)	58,328	4,494,756
MACOM Technology Solutions Holdings, Inc. (A)	7,919	620,058
MaxLinear, Inc. (A)	11,522	868,644
Meta Materials, Inc. (A)(C)	34,862	85,761
Microchip Technology, Inc.	69,602	6,059,550
Micron Technology, Inc.	139,490	12,993,494
MKS Instruments, Inc.	14,736	2,566,569
Monolithic Power Systems, Inc.	5,348	2,638,329
NeoPhotonics Corp. (A)	8,642	132,828
NVE Corp.	1,034	70,622
NVIDIA Corp.	310,600	91,350,566
NXP Semiconductors NV	32,852	7,483,029
Onto Innovation, Inc. (A)	7,913	801,033
PDF Solutions, Inc. (A)	4,959	157,647
Photronics, Inc. (A)	9,876	186,163
Power Integrations, Inc.	25,777	2,394,426
Qorvo, Inc. (A)	13,771	2,153,647
QUALCOMM, Inc.	138,983	25,415,821
Rambus, Inc. (A)	17,641	518,469
Renesas Electronics Corp. (A)	208,500	2,589,716
Rohm Company, Ltd.	14,542	1,322,877
Semtech Corp. (A)	27,575	2,452,245
Silicon Laboratories, Inc. (A)	17,135	3,537,007
SiTime Corp. (A)	6,514	1,905,606
Skyworks Solutions, Inc.	20,463	3,174,630
SMART Global Holdings, Inc. (A)	2,828	200,760
SolarEdge Technologies, Inc. (A)	6,566	1,842,223
STMicroelectronics NV	113,354	5,574,174
SUMCO Corp.	55,200	1,124,026
SunPower Corp. (A)(C)	35,149	733,560
Synaptics, Inc. (A)	16,676	4,827,869
Teradyne, Inc.	20,442	3,342,880
Texas Instruments, Inc.	114,393	21,559,649
Tokyo Electron, Ltd.	24,760	14,251,171
Ultra Clean Holdings, Inc. (A)	7,253	416,032
Universal Display Corp.	11,520	1,901,146
Veeco Instruments, Inc. (A)	8,124	231,290
Wolfspeed, Inc. (A)	30,793	3,441,734
Xilinx, Inc.	30,663	6,501,476
		467,548,624
Software – 6.2%		
8x8, Inc. (A)	18,194	304,931
A10 Networks, Inc.	9,971	165,319
ACI Worldwide, Inc. (A)	50,436	1,750,129
Adobe, Inc. (A)	59,030	33,473,552
Agilysys, Inc. (A)	3,417	151,920
Alarm.com Holdings, Inc. (A)	7,709	653,800
Alkami Technology, Inc. (A)	3,939	79,016
Altair Engineering, Inc., Class A (A)	7,548	583,611
American Software, Inc., Class A	5,126	134,147

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
ANSYS, Inc. (A)	10,811	\$ 4,336,508
Appfolio, Inc., Class A (A)	3,071	371,775
Appian Corp. (A)(C)	6,430	419,300
Asana, Inc., Class A (A)	11,523	859,040
Aspen Technology, Inc. (A)	17,781	2,706,268
Autodesk, Inc. (A)	27,261	7,665,521
Avaya Holdings Corp. (A)	13,512	267,538
AVEVA Group PLC	19,997	922,706
AvidXchange Holdings, Inc. (A)	2,935	44,201
Benefitfocus, Inc. (A)	4,996	53,257
Blackbaud, Inc. (A)	18,801	1,484,903
Blackline, Inc. (A)	8,745	905,457
Bottomline Technologies DE, Inc. (A)	7,270	410,537
Box, Inc., Class A (A)	22,728	595,246
BTRS Holdings, Inc., Class A (A)	11,174	87,381
Cadence Design Systems, Inc. (A)	34,295	6,390,873
CDK Global, Inc.	31,442	1,312,389
Cerence, Inc. (A)	16,270	1,246,933
Ceridian HCM Holding, Inc. (A)	16,712	1,745,736
ChannelAdvisor Corp. (A)	5,027	124,066
Check Point Software Technologies, Ltd. (A)	17,626	2,054,487
Citrix Systems, Inc.	15,393	1,456,024
Cleanspark, Inc. (A)(C)	5,542	52,760
CommVault Systems, Inc. (A)	19,516	1,345,043
Consensus Cloud Solutions, Inc. (A)	2,408	139,351
CoreCard Corp. (A)	1,329	51,565
Couchbase, Inc. (A)(C)	1,670	41,683
CS Disco, Inc. (A)	1,411	50,443
CyberArk Software, Ltd. (A)	6,600	1,143,648
Dassault Systemes SE	110,348	6,548,640
Digimarc Corp. (A)(C)	2,148	84,803
Digital Turbine, Inc. (A)	38,090	2,323,109
Domo, Inc., Class B (A)	4,514	223,894
E2open Parent Holdings, Inc. (A)	30,800	346,808
Ebix, Inc.	4,326	131,510
eGain Corp. (A)	3,659	36,517
Enfusion, Inc., Class A (A)	2,741	57,397
EngageSmart, Inc. (A)	2,261	54,535
Envestnet, Inc. (A)	23,339	1,851,716
EverCommerce, Inc. (A)	2,903	45,722
Fair Isaac Corp. (A)	7,269	3,152,347
Fortinet, Inc. (A)	16,796	6,036,482
GTY Technology Holdings, Inc. (A)	5,567	37,299
Intapp, Inc. (A)(C)	1,771	44,558
InterDigital, Inc.	5,018	359,439
Intuit, Inc.	35,208	22,646,490
JFrog, Ltd. (A)	8,759	260,142
LivePerson, Inc. (A)	10,632	379,775
Manhattan Associates, Inc. (A)	16,814	2,614,409
Marathon Digital Holdings, Inc. (A)(C)	15,459	507,983
MeridianLink, Inc. (A)	2,278	49,159
Microsoft Corp.	932,733	313,696,763
MicroStrategy, Inc., Class A (A)(C)	1,343	731,250
Mimecast, Ltd. (A)	26,279	2,091,020
Mitek Systems, Inc. (A)	7,333	130,161
Model N, Inc. (A)	5,785	173,724
Momentive Global, Inc. (A)	21,328	451,087
NCR Corp. (A)	35,073	1,409,935
Nemetschek SE	9,586	1,225,704
Nice, Ltd. (A)	10,477	3,177,208
NortonLifeLock, Inc.	72,025	1,871,210
ON24, Inc. (A)	4,785	83,020
OneSpan, Inc. (A)	5,836	98,803
Oracle Corp.	200,462	17,482,291

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Oracle Corp. Japan	6,406	\$ 486,686
PagerDuty, Inc. (A)	13,230	459,743
Paycom Software, Inc. (A)	5,956	2,472,872
Paylocity Holding Corp. (A)	10,527	2,486,056
Ping Identity Holding Corp. (A)	9,074	207,613
Progress Software Corp.	7,093	342,379
PROS Holdings, Inc. (A)	6,621	228,358
PTC, Inc. (A)	13,090	1,585,854
Q2 Holdings, Inc. (A)	8,933	709,638
Qualys, Inc. (A)	14,374	1,972,400
Rapid7, Inc. (A)	9,074	1,067,919
Rekor Systems, Inc. (A)(C)	5,836	38,226
Rimini Street, Inc. (A)	7,656	45,706
Riot Blockchain, Inc. (A)(C)	14,247	318,136
Sailpoint Technologies Holdings, Inc. (A)	39,709	1,919,533
salesforce.com, Inc. (A)	121,700	30,927,621
SAP SE	173,325	24,393,674
Sapiens International Corp. NV	4,986	171,768
SecureWorks Corp., Class A (A)	2,011	32,116
ServiceNow, Inc. (A)	24,776	16,082,349
ShotSpotter, Inc. (A)	1,614	47,645
Sinch AB (A)(B)	86,696	1,093,959
Smith Micro Software, Inc. (A)	9,065	44,600
Sprout Social, Inc., Class A (A)	7,310	662,944
SPS Commerce, Inc. (A)	5,829	829,758
Sumo Logic, Inc. (A)	14,641	198,532
Synopsys, Inc. (A)	18,905	6,966,493
Telos Corp. (A)	6,796	104,794
Temenos AG	11,149	1,536,793
Tenable Holdings, Inc. (A)	14,850	817,790
Teradata Corp. (A)	28,829	1,224,368
The Sage Group PLC	174,898	2,023,734
Trend Micro, Inc. (C)	22,164	1,230,457
Tyler Technologies, Inc. (A)	5,061	2,722,565
Upland Software, Inc. (A)	4,985	89,431
Varonis Systems, Inc. (A)	17,312	844,479
Verint Systems, Inc. (A)	10,378	544,949
Veritone, Inc. (A)(C)	4,663	104,824
VirnetX Holding Corp. (A)(C)	12,700	33,020
Vonage Holdings Corp. (A)	39,236	815,716
WiseTech Global, Ltd.	24,270	1,029,325
Workiva, Inc. (A)	6,948	906,645
Xero, Ltd. (A)	22,190	2,271,350
Xperi Holding Corp.	17,253	326,254
Yext, Inc. (A)	18,409	182,617
Zuora, Inc., Class A (A)	18,216	340,275
		578,937,938
Technology hardware, storage and peripherals – 4.1%		
3D Systems Corp. (A)	19,786	426,190
Apple, Inc.	1,936,236	343,817,427
Avid Technology, Inc. (A)	5,788	188,515
Brother Industries, Ltd.	39,136	754,327
Canon, Inc. (C)	166,077	4,051,226
Corsair Gaming, Inc. (A)(C)	4,539	95,364
Diebold Nixdorf, Inc. (A)	12,681	114,763
Eastman Kodak Company (A)	8,827	41,310
FUJIFILM Holdings Corp.	59,838	4,436,045
Hewlett Packard Enterprise Company	161,815	2,551,823
HP, Inc.	143,175	5,393,402
Logitech International SA	28,733	2,410,343
NetApp, Inc.	27,757	2,553,366
Quantum Corp. (A)	10,206	56,337
Ricoh Company, Ltd.	111,277	1,037,225
Seagate Technology Holdings PLC	25,946	2,931,379
Seiko Epson Corp.	46,447	836,529

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Technology hardware, storage and peripherals (continued)		
Super Micro Computer, Inc. (A)	6,954	\$ 305,628
Turtle Beach Corp. (A)	2,597	57,809
Western Digital Corp. (A)	37,972	2,476,154
Xerox Holdings Corp.	36,523	826,881
		375,362,043
		1,903,538,559
Materials – 4.4%		
Chemicals – 2.3%		
AdvanSix, Inc.	4,338	204,971
Air Liquide SA	78,635	13,714,282
Air Products & Chemicals, Inc.	27,429	8,345,548
Akzo Nobel NV	31,114	3,418,336
Albemarle Corp.	14,491	3,387,561
American Vanguard Corp.	4,962	81,327
Amyris, Inc. (A)(C)	28,093	151,983
Arkema SA	10,190	1,438,264
Asahi Kasei Corp.	208,257	1,961,853
Ashland Global Holdings, Inc.	15,008	1,615,761
Avient Corp.	39,014	2,182,833
Balchem Corp.	5,127	864,412
BASF SE	152,452	10,699,897
Cabot Corp.	24,181	1,358,972
Celanese Corp.	13,768	2,313,850
CF Industries Holdings, Inc.	26,653	1,886,499
Chase Corp.	1,214	120,866
Chr. Hansen Holding A/S	17,508	1,380,513
Clariant AG (A)	35,813	743,936
Corteva, Inc.	90,972	4,301,156
Covestro AG (B)	32,068	1,973,720
Croda International PLC	23,158	3,171,985
Danimer Scientific, Inc. (A)(C)	14,106	120,183
Dow, Inc.	92,407	5,241,325
DuPont de Nemours, Inc.	64,811	5,235,433
Eastman Chemical Company	16,825	2,034,311
Ecolab, Inc.	30,840	7,234,756
Ecovyst, Inc.	8,774	89,846
EMS-Chemie Holding AG	1,165	1,301,981
Evonik Industries AG	34,807	1,124,457
Ferro Corp. (A)	13,438	293,352
FMC Corp.	15,947	1,752,416
FutureFuel Corp.	6,079	46,444
GCP Applied Technologies, Inc. (A)	8,166	258,536
Givaudan SA	1,533	8,043,043
Hawkins, Inc.	3,258	128,528
HB Fuller Company	8,359	677,079
ICL Group, Ltd.	117,231	1,129,182
Ingevity Corp. (A)	16,886	1,210,726
Innospec, Inc.	3,933	355,307
International Flavors & Fragrances, Inc.	31,886	4,803,626
Intrepid Potash, Inc. (A)	1,678	71,701
Johnson Matthey PLC	32,123	892,632
JSR Corp.	33,790	1,284,137
Kansai Paint Company, Ltd.	29,454	640,507
Koninklijke DSM NV	29,012	6,533,685
Koppers Holdings, Inc. (A)	3,569	111,710
Kraton Corp. (A)	5,103	236,371
LANXESS AG	13,789	852,694
Linde PLC	63,553	22,016,666
Livent Corp. (A)	26,229	639,463
LyondellBasell Industries NV, Class A	32,745	3,020,071
Minerals Technologies, Inc.	14,153	1,035,292
Mitsubishi Chemical Holdings Corp.	212,559	1,576,629
Mitsubishi Gas Chemical Company, Inc.	26,270	445,315
Mitsui Chemicals, Inc.	30,618	823,018
NewMarket Corp.	1,836	629,234

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Chemicals (continued)		
Nippon Paint Holdings Company, Ltd.	118,000	\$ 1,288,653
Nippon Sanso Holdings Corp.	25,157	550,250
Nissan Chemical Corp.	20,200	1,174,832
Nitto Denko Corp.	23,587	1,822,153
Novozymes A/S, B Shares	34,098	2,799,780
Olin Corp.	38,113	2,192,260
Orica, Ltd.	67,638	674,504
Orion Engineered Carbons SA (A)	10,056	184,628
PPG Industries, Inc.	29,410	5,071,460
PureCycle Technologies, Inc. (A)(C)	7,597	72,703
Quaker Chemical Corp.	2,198	507,254
Rayonier Advanced Materials, Inc. (A)	11,369	64,917
RPM International, Inc.	34,466	3,481,066
Sensient Technologies Corp.	17,925	1,793,576
Shin-Etsu Chemical Company, Ltd.	58,746	10,196,858
Sika AG	23,533	9,780,719
Solvay SA	12,302	1,430,180
Stepan Company	3,351	416,496
Sumitomo Chemical Company, Ltd.	247,344	1,166,427
Symrise AG	21,355	3,158,290
The Chemours Company	43,300	1,453,148
The Mosaic Company	45,897	1,803,293
The Scotts Miracle-Gro Company	10,824	1,742,664
The Sherwin-Williams Company	30,015	10,570,082
Toray Industries, Inc.	230,172	1,363,685
Tosoh Corp.	43,200	641,801
Tredegar Corp.	5,560	65,719
Trinseo PLC	6,289	329,921
Tronox Holdings PLC, Class A	18,413	442,464
Umicore SA	32,719	1,334,752
Valvoline, Inc.	48,029	1,791,001
Yara International ASA	27,482	1,385,593
Zymergen, Inc. (A)	12,487	83,538
		218,042,848
Construction materials – 0.3%		
CRH PLC	129,300	6,845,144
Eagle Materials, Inc.	10,807	1,798,933
Forterra, Inc. (A)	4,820	114,620
HeidelbergCement AG	24,701	1,671,690
Holcim, Ltd. (A)	86,900	4,419,650
James Hardie Industries PLC, CHESS Depository Interest	73,884	2,973,989
Martin Marietta Materials, Inc.	7,729	3,404,779
Summit Materials, Inc., Class A (A)	19,266	773,337
United States Lime & Minerals, Inc.	380	49,028
Vulcan Materials Company	16,440	3,412,615
		25,463,785
Containers and packaging – 0.3%		
Amcor PLC	191,041	2,294,402
AptarGroup, Inc.	17,491	2,142,298
Avery Dennison Corp.	10,270	2,224,174
Ball Corp.	40,469	3,895,951
Greif, Inc., Class A	10,982	662,983
Greif, Inc., Class B	1,195	71,437
International Paper Company	48,428	2,275,147
Myers Industries, Inc.	6,312	126,303
O-I Glass, Inc. (A)	25,834	310,783
Packaging Corp. of America	11,770	1,602,486
Pactiv Evergreen, Inc.	7,348	93,173
Ranpak Holdings Corp. (A)	6,163	231,606
Sealed Air Corp.	18,573	1,253,120
Silgan Holdings, Inc.	22,296	955,161
Smurfit Kappa Group PLC	40,844	2,251,174
Sonoco Products Company	26,126	1,512,434
TriMas Corp.	7,060	261,220

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Containers and packaging (continued)		
UFP Technologies, Inc. (A)	1,250	\$ 87,825
Westrock Company	33,084	1,467,606
		23,719,283
Metals and mining – 1.4%		
1911 Gold Corp. (A)	3,149	769
Alcoa Corp.	49,715	2,962,020
Allegheny Technologies, Inc. (A)	20,886	332,714
Anglo American PLC	214,492	8,822,532
Antofagasta PLC	65,454	1,190,425
ArcelorMittal SA	111,429	3,574,491
Arconic Corp. (A)	17,396	574,242
BHP Group PLC	350,570	10,431,111
BHP Group, Ltd. (C)	489,693	14,784,676
BlueScope Steel, Ltd.	83,623	1,276,617
Boliden AB	45,399	1,750,573
Carpenter Technology Corp.	7,771	226,835
Century Aluminum Company (A)	8,608	142,548
Cleveland-Cliffs, Inc. (A)	120,919	2,632,407
Coeur Mining, Inc. (A)	42,510	214,250
Commercial Metals Company	51,299	1,861,641
Compass Minerals International, Inc.	14,570	744,236
Constellium SE (A)	19,977	357,788
Evolution Mining, Ltd.	304,203	902,506
Evrast PLC	84,741	692,827
Fortescue Metals Group, Ltd.	281,082	3,951,100
Freeport-McMoRan, Inc.	181,905	7,590,896
Gatos Silver, Inc. (A)	7,813	81,099
Glencore PLC (A)	1,657,477	8,445,306
Haynes International, Inc.	2,289	92,315
Hecla Mining Company	87,346	455,946
Hitachi Metals, Ltd. (A)	35,564	658,967
JFE Holdings, Inc.	81,633	1,041,474
Kaiser Aluminum Corp.	2,638	247,814
Materion Corp.	3,272	300,828
MP Materials Corp. (A)(C)	11,880	539,590
Newcrest Mining, Ltd.	135,657	2,429,632
Newmont Corp.	99,018	6,141,096
Nippon Steel Corp.	142,000	2,319,718
Norsk Hydro ASA	223,222	1,756,442
Northern Star Resources, Ltd.	183,584	1,262,571
Novagold Resources, Inc. (A)	39,202	268,926
Nucor Corp.	35,018	3,997,305
Pan American Silver Corp., CVR (A)(E)	54,671	42,572
Reliance Steel & Aluminum Company	16,648	2,700,639
Rio Tinto PLC	186,414	12,293,301
Rio Tinto, Ltd.	61,616	4,496,254
Royal Gold, Inc.	17,440	1,834,862
Ryerson Holding Corp.	2,803	73,018
Schnitzer Steel Industries, Inc., Class A	4,241	220,193
South32, Ltd.	775,898	2,269,177
Steel Dynamics, Inc.	50,093	3,109,273
Sumitomo Metal Mining Company, Ltd.	41,007	1,553,116
SunCoke Energy, Inc.	14,420	95,028
TimkenSteel Corp. (A)	7,919	130,664
U.S. Steel Corp.	71,803	1,709,629
voestalpine AG	19,263	698,923
Warrior Met Coal, Inc.	8,351	214,704
Worthington Industries, Inc.	13,922	760,977
		127,258,563
Paper and forest products – 0.1%		
Clearwater Paper Corp. (A)	2,801	102,713
Glatfelter Corp.	7,281	125,233
Louisiana-Pacific Corp.	23,379	1,831,745
Mondi PLC	80,594	1,999,046
Neenah, Inc.	2,769	128,149

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Paper and forest products (continued)		
Oji Holdings Corp.	134,738	\$ 652,813
Schweitzer-Mauduit International, Inc.	5,313	158,859
Stora Enso OYJ, R Shares	96,561	1,772,218
Svenska Cellulosa AB SCA, B Shares	100,564	1,784,438
UPM-Kymmene OYJ	88,592	3,370,801
Verso Corp., Class A	4,394	118,726
		12,044,741
		406,529,220
Real estate – 3.4%		
Equity real estate investment trusts – 2.9%		
Acadia Realty Trust	13,729	299,704
Agree Realty Corp.	10,786	769,689
Alexander & Baldwin, Inc.	11,664	292,650
Alexander's, Inc.	364	94,749
Alexandria Real Estate Equities, Inc.	17,860	3,982,066
American Assets Trust, Inc.	8,068	302,792
American Campus Communities, Inc.	36,975	2,118,298
American Finance Trust, Inc.	19,573	178,701
American Tower Corp.	56,396	16,495,830
Apartment Income REIT Corp.	41,712	2,280,395
Apartment Investment and Management Company, Class A (A)	23,978	185,110
Apple Hospitality REIT, Inc.	34,685	560,163
Armada Hoffer Properties, Inc.	10,119	154,011
Ascendas Real Estate Investment Trust	557,078	1,220,549
Ashford Hospitality Trust, Inc. (A)	3,478	33,389
AvalonBay Communities, Inc.	17,300	4,369,807
Boston Properties, Inc.	17,609	2,028,205
Braemar Hotels & Resorts, Inc. (A)	11,031	56,258
Brandywine Realty Trust	26,868	360,569
Brixmor Property Group, Inc.	78,912	2,005,154
Broadstone Net Lease, Inc.	25,111	623,255
BRT Apartments Corp.	2,154	51,674
Camden Property Trust	27,155	4,852,055
CapitaLand Integrated Commercial Trust	806,530	1,220,257
CareTrust REIT, Inc.	15,866	362,221
CatchMark Timber Trust, Inc., Class A	9,831	85,628
Centerspace	2,323	257,621
Chatham Lodging Trust (A)	8,658	118,788
City Office REIT, Inc.	7,110	140,209
Community Healthcare Trust, Inc.	3,965	187,426
CorePoint Lodging, Inc. (A)	7,046	110,622
Corporate Office Properties Trust	47,845	1,338,225
Cousins Properties, Inc.	39,508	1,591,382
Covivio	8,634	708,728
Crown Castle International Corp.	53,553	11,178,653
CTO Realty Growth, Inc.	1,404	86,234
CyrusOne, Inc.	33,721	3,025,448
Daiwa House REIT Investment Corp.	364	1,102,695
Dexus	178,527	1,443,545
DiamondRock Hospitality Company (A)	34,033	327,057
Digital Realty Trust, Inc.	35,016	6,193,280
DigitalBridge Group, Inc. (A)	79,845	665,109
Diversified Healthcare Trust	42,153	130,253
Douglas Emmett, Inc.	46,628	1,562,038
Duke Realty Corp.	46,880	3,077,203
Easterly Government Properties, Inc.	13,523	309,947
EastGroup Properties, Inc.	17,189	3,916,514
Empire State Realty Trust, Inc., Class A	23,356	207,868
EPR Properties	19,876	943,911
Equinix, Inc.	11,303	9,560,530
Equity Commonwealth (A)	17,527	453,949
Equity Residential	42,223	3,821,182
Essential Properties Realty Trust, Inc.	19,109	550,912
Essex Property Trust, Inc.	8,058	2,838,269

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Extra Space Storage, Inc.	16,580	\$ 3,759,183
Farmland Partners, Inc.	5,722	68,378
Federal Realty Investment Trust	8,672	1,182,167
First Industrial Realty Trust, Inc.	34,619	2,291,778
Four Corners Property Trust, Inc.	12,193	358,596
Franklin Street Properties Corp.	20,331	120,969
Gecina SA	7,621	1,066,412
Getty Realty Corp.	6,286	201,718
Gladstone Commercial Corp.	6,625	170,726
Gladstone Land Corp.	5,151	173,898
Global Medical REIT, Inc.	10,526	186,837
Global Net Lease, Inc.	16,539	252,716
GLP J-REIT	708	1,223,790
Goodman Group	275,978	5,319,977
Healthcare Realty Trust, Inc.	62,488	1,977,120
Healthpeak Properties, Inc.	66,783	2,410,198
Hersha Hospitality Trust (A)	6,927	63,521
Highwoods Properties, Inc.	27,735	1,236,704
Host Hotels & Resorts, Inc. (A)	88,466	1,538,424
Hudson Pacific Properties, Inc.	40,515	1,001,126
Independence Realty Trust, Inc.	16,982	438,645
Indus Realty Trust, Inc.	970	78,628
Industrial Logistics Properties Trust	10,510	263,276
Innovative Industrial Properties, Inc.	3,867	1,016,673
Iron Mountain, Inc.	35,866	1,876,868
iStar, Inc.	11,227	289,993
Japan Metropolitan Fund Investment Corp.	1,160	999,336
Japan Real Estate Investment Corp.	207	1,175,062
JBG SMITH Properties	30,332	870,832
Kilroy Realty Corp.	27,850	1,850,911
Kimco Realty Corp.	76,020	1,873,893
Kite Realty Group Trust	93,547	2,037,454
Klepierre SA (A)	33,736	798,269
Lamar Advertising Company, Class A	23,068	2,798,148
Land Securities Group PLC	116,920	1,233,969
Life Storage, Inc.	21,794	3,338,405
Link REIT	347,206	3,058,631
LTC Properties, Inc.	6,607	225,563
LXP Industrial Trust	43,881	685,421
Mapletree Commercial Trust	358,300	535,915
Mapletree Logistics Trust	499,200	704,039
Medical Properties Trust, Inc.	158,441	3,743,961
Mid-America Apartment Communities, Inc.	14,376	3,298,429
Mirvac Group	654,496	1,385,420
Monmouth Real Estate Investment Corp.	15,728	330,445
National Health Investors, Inc.	7,052	405,278
National Retail Properties, Inc.	46,663	2,243,090
National Storage Affiliates Trust	35,018	2,423,246
NETSTREIT Corp.	6,719	153,865
NexPoint Residential Trust, Inc.	3,611	302,710
Nippon Building Fund, Inc.	247	1,438,688
Nippon Prologis REIT, Inc.	343	1,212,413
Nomura Real Estate Master Fund, Inc.	704	990,766
Office Properties Income Trust	8,480	210,643
Omega Healthcare Investors, Inc.	63,497	1,878,876
One Liberty Properties, Inc.	3,083	108,768
Orix JREIT, Inc.	435	680,013
Outfront Media, Inc.	23,760	637,243
Paramount Group, Inc.	29,999	250,192
Park Hotels & Resorts, Inc. (A)	62,834	1,186,306
Pebblebrook Hotel Trust	56,129	1,255,606
Phillips Edison & Company, Inc.	3,392	112,072
Physicians Realty Trust	92,757	1,746,614
Piedmont Office Realty Trust, Inc., Class A	19,596	360,174

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Plymouth Industrial REIT, Inc.	5,238	\$ 167,616
Postal Realty Trust, Inc., Class A	3,054	60,469
PotlatchDeltic Corp.	28,620	1,723,496
Preferred Apartment Communities, Inc.	9,306	168,066
Prologis, Inc.	91,600	15,421,776
PS Business Parks, Inc.	8,452	1,556,605
Public Storage	18,890	7,075,438
Rayonier, Inc.	38,037	1,535,173
Realty Income Corp.	70,629	5,056,330
Regency Centers Corp.	18,944	1,427,430
Retail Opportunity Investments Corp.	18,679	366,108
Rexford Industrial Realty, Inc.	40,251	3,264,759
RLJ Lodging Trust	27,124	377,837
RPT Realty	12,949	173,258
Ryman Hospitality Properties, Inc. (A)	8,788	808,144
Sabra Health Care REIT, Inc.	96,803	1,310,713
Safehold, Inc.	2,879	229,888
Saul Centers, Inc.	2,112	111,978
SBA Communications Corp.	13,574	5,280,557
Scentre Group	861,520	1,981,821
Segro PLC	199,222	3,877,205
Seritage Growth Properties, Class A (A)	6,726	89,254
Service Properties Trust	27,178	238,895
Simon Property Group, Inc.	40,718	6,505,515
SITE Centers Corp.	28,008	443,367
SL Green Realty Corp.	17,730	1,271,241
Spirit Realty Capital, Inc.	32,766	1,578,994
STAG Industrial, Inc.	26,491	1,270,508
Stockland	396,234	1,222,388
STORE Capital Corp.	65,207	2,243,121
Summit Hotel Properties, Inc. (A)	17,113	167,023
Sunstone Hotel Investors, Inc. (A)	35,392	415,148
Tanger Factory Outlet Centers, Inc.	16,572	319,508
Terreno Realty Corp.	11,105	947,145
The British Land Company PLC	146,133	1,055,275
The GEO Group, Inc.	19,300	149,575
The GPT Group	317,957	1,253,766
The Macerich Company	91,466	1,580,532
UDR, Inc.	37,068	2,223,709
UMH Properties, Inc.	7,247	198,061
Unibail-Rodamco-Westfield (A)	20,704	1,448,850
Uniti Group, Inc.	32,145	450,351
Universal Health Realty Income Trust	2,426	144,274
Urban Edge Properties	48,164	915,116
Urstadt Biddle Properties, Inc., Class A	5,535	117,896
Ventas, Inc.	48,755	2,492,356
Veris Residential, Inc. (A)	14,349	263,735
Vicinity Centres	642,269	789,885
Vornado Realty Trust	19,701	824,684
Washington Real Estate Investment Trust	13,498	348,923
Welltower, Inc.	54,381	4,664,258
Weyerhaeuser Company	92,905	3,825,828
Whitestone REIT	8,282	83,897
Xenia Hotels & Resorts, Inc. (A)	18,473	334,546
		269,792,055
Real estate management and development – 0.5%		
Aroundtown SA	165,827	1,000,329
Azrieli Group, Ltd.	7,044	672,072
Capitaland Investment, Ltd. (A)	437,984	1,107,409
CBRE Group, Inc., Class A (A)	41,600	4,514,016
City Developments, Ltd.	67,913	343,598
CK Asset Holdings, Ltd.	332,562	2,097,789
Cushman & Wakefield PLC (A)	22,672	504,225
Daito Trust Construction Company, Ltd.	10,911	1,251,722
Daiwa House Industry Company, Ltd.	93,966	2,700,496

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Real estate management and development (continued)		
Douglas Elliman, Inc. (A)	11,744	\$ 135,056
ESR Cayman, Ltd. (A)(B)	330,200	1,116,937
eXp World Holdings, Inc.	10,349	348,658
Fastighets AB Balder, B Shares (A)	17,455	1,256,131
Forestar Group, Inc. (A)	3,232	70,296
FRP Holdings, Inc. (A)	1,232	71,210
Hang Lung Properties, Ltd.	336,313	692,451
Henderson Land Development Company, Ltd.	240,709	1,026,762
Hongkong Land Holdings, Ltd.	193,734	1,007,342
Hulic Company, Ltd.	62,969	598,803
Jones Lang LaSalle, Inc. (A)	13,410	3,611,849
Kennedy-Wilson Holdings, Inc.	19,513	465,970
LEG Immobilien SE	12,090	1,685,621
Lendlease Corp., Ltd.	114,294	889,955
Marcus & Millichap, Inc. (A)	3,890	200,179
Mitsubishi Estate Company, Ltd.	196,324	2,723,501
Mitsui Fudosan Company, Ltd.	152,226	3,017,237
New World Development Company, Ltd.	253,392	1,003,249
Newmark Group, Inc., Class A	24,292	454,260
Nomura Real Estate Holdings, Inc.	19,663	453,074
RE/MAX Holdings, Inc., Class A	3,335	101,684
Realogy Holdings Corp. (A)	19,091	320,920
Redfin Corp. (A)(C)	16,672	640,038
Sagax AB, Class B	26,732	899,197
Sino Land Company, Ltd.	551,722	686,981
Sumitomo Realty & Development Company, Ltd.	51,383	1,514,814
Sun Hung Kai Properties, Ltd.	216,314	2,624,808
Swire Pacific, Ltd., Class A	82,518	469,362
Swire Properties, Ltd.	194,287	487,054
Swiss Prime Site AG	12,610	1,237,898
Tejon Ranch Company (A)	3,868	73,801
The RMR Group, Inc., Class A	2,872	99,601
The St. Joe Company	5,372	279,613
UOL Group, Ltd.	77,070	405,681
Vonovia SE	90,709	4,998,262
Wharf Real Estate Investment Company, Ltd.	277,346	1,409,262
		<u>51,269,173</u>
		321,061,228
Utilities – 2.8%		
Electric utilities – 1.5%		
ALLETE, Inc.	22,426	1,487,965
Alliant Energy Corp.	31,009	1,906,123
American Electric Power Company, Inc.	63,689	5,666,410
AusNet Services, Ltd.	317,856	594,607
Chubu Electric Power Company, Inc.	106,929	1,129,439
CK Infrastructure Holdings, Ltd.	109,843	699,833
CLP Holdings, Ltd.	272,334	2,751,872
Duke Energy Corp.	95,327	9,999,802
Edison International	47,049	3,211,094
EDP - Energias de Portugal SA	460,768	2,531,138
Electricite de France SA	78,623	924,708
Elia Group SA/NV	5,128	675,900
Endesa SA	52,721	1,213,713
Enel SpA	1,350,002	10,794,721
Entergy Corp.	24,900	2,804,985
Eversource Energy	28,412	1,949,347
Exelon Corp.	42,580	3,873,928
FirstEnergy Corp.	121,162	6,998,317
Fortum OYJ	67,430	2,804,414
Hawaiian Electric Industries, Inc.	73,720	2,261,024
	29,045	1,205,368

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electric utilities (continued)		
HK Electric Investments & HK Electric Investments, Ltd.	440,000	\$ 431,722
Iberdrola SA	951,000	11,259,817
IDACORP, Inc.	13,422	1,520,847
Mercury NZ, Ltd.	113,060	473,655
MGE Energy, Inc.	5,994	493,007
NextEra Energy, Inc.	244,693	22,844,538
NRG Energy, Inc.	30,329	1,306,573
OGE Energy Corp.	53,188	2,041,355
Origin Energy, Ltd.	292,336	1,115,696
Orsted A/S (B)	31,399	4,021,178
Otter Tail Corp.	6,655	475,300
Pinnacle West Capital Corp.	13,975	986,495
PNM Resources, Inc.	36,410	1,660,660
Portland General Electric Company	14,419	763,053
Power Assets Holdings, Ltd.	230,236	1,435,136
PPL Corp.	95,361	2,866,552
Red Electrica Corp. SA	71,848	1,553,669
SSE PLC	173,163	3,871,088
Terna - Rete Elettrica Nazionale	233,537	1,889,230
The Kansai Electric Power Company, Inc.	116,824	1,091,952
The Southern Company	131,198	8,997,559
Tokyo Electric Power Company Holdings, Inc. (A)	253,428	655,165
Verbund AG	11,302	1,270,167
Xcel Energy, Inc.	66,717	4,516,741
		<u>143,025,863</u>
Gas utilities – 0.3%		
APA Group	195,843	1,432,745
Atmos Energy Corp.	16,206	1,697,903
Brookfield Infrastructure Corp., Class A	9,378	640,142
Chesapeake Utilities Corp.	2,776	404,769
Enagas SA (C)	41,312	959,732
Hong Kong & China Gas Company, Ltd.	1,858,022	2,898,076
National Fuel Gas Company	24,228	1,549,138
Naturgy Energy Group SA	32,188	1,046,920
New Jersey Resources Corp.	41,341	1,697,461
Northwest Natural Holding Company	5,230	255,119
ONE Gas, Inc.	22,775	1,767,112
Osaka Gas Company, Ltd.	62,275	1,029,983
Snam SpA	334,709	2,016,011
South Jersey Industries, Inc.	17,034	444,928
Southwest Gas Holdings, Inc.	25,472	1,784,314
Spire, Inc.	21,916	1,429,362
Tokyo Gas Company, Ltd.	62,196	1,116,441
UGI Corp.	55,559	2,550,714
		<u>24,720,870</u>
Independent power and renewable electricity producers – 0.1%		
Clearway Energy, Inc., Class A	5,914	198,001
Clearway Energy, Inc., Class C	13,155	473,975
EDP Renovaveis SA	47,831	1,189,436
Meridian Energy, Ltd.	212,634	705,790
Ormat Technologies, Inc.	7,322	580,635
Sunnova Energy International, Inc. (A)	14,079	393,086
The AES Corp.	82,567	2,006,378
Uniper SE	15,186	721,033
		<u>6,268,334</u>
Multi-utilities – 0.8%		
Ameren Corp.	31,862	2,836,037
Avista Corp.	11,394	484,131
Black Hills Corp.	27,157	1,916,469
CenterPoint Energy, Inc.	78,908	2,202,322
CMS Energy Corp.	35,890	2,334,645

John Hancock Variable Insurance Trust

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

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Multi-utilities (continued)		
Consolidated Edison, Inc.	43,787	\$ 3,735,907
Dominion Energy, Inc.	100,178	7,869,984
DTE Energy Company	24,007	2,869,797
E.ON SE	372,653	5,178,922
Engie SA	303,164	4,488,458
MDU Resources Group, Inc.	54,032	1,666,347
National Grid PLC	600,344	8,656,532
NiSource, Inc.	48,621	1,342,426
NorthWestern Corp.	22,325	1,276,097
Public Service Enterprise Group, Inc.	62,645	4,180,301
RWE AG	106,630	4,320,278
Sempra Energy	39,567	5,233,923
Suez SA	58,366	1,315,753
Unitil Corp.	2,845	130,842
Veolia Environnement SA	108,799	3,995,522
WEC Energy Group, Inc.	39,085	3,793,981
		69,828,674
Water utilities – 0.1%		
American States Water Company	5,865	606,676
American Water Works Company, Inc.	22,489	4,247,273
Artesian Resources Corp., Class A	1,893	87,703
California Water Service Group	8,321	597,947
Essential Utilities, Inc.	61,112	3,281,103
Global Water Resources, Inc.	2,121	36,269
Middlesex Water Company	2,774	333,712
Pure Cycle Corp. (A)	4,368	63,773
Sewern Trent PLC	41,531	1,658,412
SJW Group	4,642	339,794
The York Water Company	2,471	123,006
United Utilities Group PLC	113,183	1,670,065
		13,045,733
		256,889,474
TOTAL COMMON STOCKS (Cost \$4,295,229,189)		\$ 8,997,112,908
PREFERRED SECURITIES – 0.2%		
Consumer discretionary – 0.1%		
Automobiles – 0.1%		
Bayerische Motoren Werke AG	9,575	794,022
Porsche Automobil Holding SE	25,416	2,399,594
Volkswagen AG	30,804	6,188,003
		9,381,619
Consumer staples – 0.0%		
Household products – 0.0%		
Henkel AG & Company KGaA	29,573	2,386,277
Health care – 0.1%		
Health care equipment and supplies – 0.1%		
Sartorius AG	4,350	2,942,079
Materials – 0.0%		
Chemicals – 0.0%		
Fuchs Petrolub SE	11,536	521,301
TOTAL PREFERRED SECURITIES (Cost \$10,304,099)		\$ 15,231,276
WARRANTS – 0.0%		
Cie Financiere Richemont SA (Expiration Date: 11-22-23; Strike Price: CHF 67.00) (A)	200,486	220,024
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)	480	1,792

Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
WARRANTS (continued)		
Whiting Petroleum Corp., Class A (Expiration Date: 9-1-24; Strike Price: \$73.44) (A)	917	\$ 12,710
Whiting Petroleum Corp., Class B (Expiration Date: 9-1-25; Strike Price: \$83.45) (A)	458	5,404
TOTAL WARRANTS (Cost \$15,655)		\$ 239,930
SHORT-TERM INVESTMENTS – 2.9%		
U.S. Government – 0.0%		
U.S. Treasury Bill		
0.045%, 02/17/2022 *	\$ 2,000,000	1,999,925
U.S. Government Agency – 2.4%		
Federal Home Loan Bank Discount Note		
0.020%, 02/18/2022 *	400,000	399,990
0.030%, 01/14/2022 *	5,000,000	4,999,985
0.035%, 01/21/2022 *	10,000,000	9,999,950
0.040%, 01/19/2022 *	16,000,000	15,999,929
0.045%, 02/17/2022 *	1,100,000	1,099,973
0.045%, 03/07/2022 *	166,200,000	166,185,463
Tennessee Valley Authority Discount Note		
0.031%, 01/12/2022 *	25,000,000	24,999,938
		223,685,228
Short-term funds – 0.3%		
John Hancock Collateral Trust,		
0.1697% (F)(G)	2,669,343	26,701,436
Repurchase agreement – 0.2%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$16,463,000 on 1-3-22, collateralized by \$15,352,900		
U.S. Treasury Notes, 2.875% due 5-15-28 (valued at \$16,792,546)	\$ 16,463,000	16,463,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$268,853,316)		\$ 268,849,589
Total Investments (Strategic Equity Allocation Trust) (Cost \$4,574,402,259) – 99.9%		
Other assets and liabilities, net – 0.1%		
TOTAL NET ASSETS – 100.0%		
\$ 9,291,222,950		

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 12-31-21.
(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)	Strike price and/or expiration date not available.
(F)	The rate shown is the annualized seven-day yield as of 12-31-21.
(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.
*	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 — December 31, 2021 (showing percentage of total net assets)

Strategic Equity Allocation Trust (continued)

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
MSCI EAFE Index Futures	1,058	Long	Mar 2022	\$120,860,545	\$122,823,220	\$1,962,675
Russell 2000 E-Mini Index Futures	247	Long	Mar 2022	27,365,657	27,698,580	332,923
S&P 500 Index E-Mini Futures	478	Long	Mar 2022	111,370,272	113,728,150	2,357,878
S&P Mid 400 Index E-Mini Futures	58	Long	Mar 2022	16,019,763	16,458,660	438,897
						\$5,092,373

[^] 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
COMMON STOCKS – 97.3%		
Communication services – 9.6%		
Diversified telecommunication services – 0.8%		
AT&T, Inc.	125,631	\$ 3,090,523
ATN International, Inc.	316	12,624
Bandwidth, Inc., Class A (A)	474	34,014
Cogent Communications Holdings, Inc. Consolidated Communications Holdings, Inc. (A)	900	65,862
EchoStar Corp., Class A (A)	1,652	12,357
Frontier Communications Parent, Inc. (A)	1,756	46,271
Globalstar, Inc. (A)	4,020	118,550
IDT Corp., Class B (A)	32,049	37,177
Iridium Communications, Inc. (A)	471	20,799
Lumen Technologies, Inc.	2,396	98,931
Ooma, Inc. (A)	19,959	250,485
Telesat Corp. (A)	511	10,445
Verizon Communications, Inc.	472	13,532
	72,714	3,778,219
		7,589,789
Entertainment – 1.6%		
Activision Blizzard, Inc.	13,809	918,713
AMC Entertainment Holdings, Inc., Class A (A)(B)	9,060	246,432
Chicken Soup For The Soul Entertainment, Inc. (A)	150	2,076
Cinedigm Corp., Class A (A)	1,763	2,045
Cinemark Holdings, Inc. (A)	2,255	36,351
Electronic Arts, Inc.	5,081	670,184
Endeavor Group Holdings, Inc., Class A (A)	11,826	412,609
Gaia, Inc. (A)	509	4,362
Liberty Media Corp.-Liberty Braves, Class A (A)	1,055	30,331
Liberty Media Corp.-Liberty Formula One, Series A (A)	225	13,352
Lions Gate Entertainment Corp., Class B (A)	4,142	63,745
Live Nation Entertainment, Inc. (A)	3,920	469,185
LiveOne, Inc. (A)	841	1,076
Madison Square Garden Entertainment Corp. (A)	552	38,828
Madison Square Garden Sports Corp. (A)	395	68,623
Motorsport Games, Inc., Class A (A)	123	418
Netflix, Inc. (A)	7,814	4,707,466
Reservoir Media, Inc. (A)	628	4,967
ROBLOX Corp., Class A (A)	10,056	1,037,377
Roku, Inc. (A)	2,123	484,469
Sciply Corp., Class A (A)	2,344	32,300

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Entertainment (continued)		
Skillz, Inc. (A)(B)	6,650	\$ 49,476
Take-Two Interactive Software, Inc. (A)	2,080	369,658
The Marcus Corp. (A)	654	11,680
The Walt Disney Company (A)	32,160	4,981,262
Warner Music Group Corp., Class A	9,133	394,363
World Wrestling Entertainment, Inc., Class A	1,386	68,385
Zynga, Inc., Class A (A)	19,643	125,715
		15,245,448
Interactive media and services – 5.8%		
Actua Corp. (A)(C)	909	68
Alphabet, Inc., Class A (A)	5,300	15,354,312
Alphabet, Inc., Class C (A)	6,463	18,701,272
Angi, Inc. (A)	9,083	83,654
Bumble, Inc., Class A (A)	1,949	65,993
CarGurus, Inc. (A)	2,085	70,139
Cars.com, Inc. (A)	1,331	21,416
Eventbrite, Inc., Class A (A)	1,726	30,101
EverQuote, Inc., Class A (A)	566	8,864
IAC/InterActiveCorp (A)	1,594	208,352
j2 Global, Inc. (A)	853	94,564
Kubient, Inc. (A)	256	773
Liberty TripAdvisor Holdings, Inc., Class A (A)	1,370	2,973
Match Group, Inc. (A)	4,895	647,364
MediaAlpha, Inc., Class A (A)	859	13,263
Meta Platforms, Inc., Class A (A)	49,858	16,769,738
Outbrain, Inc. (A)	626	8,764
Pinterest, Inc., Class A (A)	11,371	413,336
QuinStreet, Inc. (A)	1,058	19,245
Snap, Inc., Class A (A)	23,418	1,101,349
Super League Gaming, Inc. (A)	993	2,343
TripAdvisor, Inc. (A)	2,236	60,953
TrueCar, Inc. (A)	2,265	7,701
Twitter, Inc. (A)	14,101	609,445
Vimeo, Inc. (A)	2,863	51,419
Yelp, Inc. (A)	1,333	48,308
ZipRecruiter, Inc., Class A (A)	1,805	45,017
ZoomInfo Technologies, Inc. (A)	6,815	437,523
		54,878,249
Media – 1.1%		
Altice USA, Inc., Class A (A)	8,159	132,013
AMC Networks, Inc., Class A (A)	803	27,655
Audacy, Inc. (A)	3,101	7,970
Boston Omaha Corp., Class A (A)	528	15,169
Cable One, Inc.	111	195,743

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Media (continued)		
Cardlytics, Inc. (A)	542	\$ 35,821
Charter Communications, Inc., Class A (A)	3,196	2,083,696
Clear Channel Outdoor Holdings, Inc. (A)	8,922	29,532
Comcast Corp., Class A	81,398	4,096,761
comScore, Inc. (A)	384	1,283
Discovery, Inc., Series A (A)	7,187	169,182
Discovery, Inc., Series C (A)	724	16,580
DISH Network Corp., Class A (A)	9,493	307,953
Emerald Holding, Inc. (A)	1,734	6,884
Entravision Communications Corp., Class A	1,680	11,390
Fox Corp., Class A	2,199	81,143
Fox Corp., Class B	7,492	256,751
Gannett Company, Inc. (A)	2,798	14,913
Gray Television, Inc.	1,888	38,062
Hemisphere Media Group, Inc. (A)	614	4,464
iHeartMedia, Inc., Class A (A)	2,155	45,341
Integral Ad Science Holding Corp. (A)	2,544	56,502
John Wiley & Sons, Inc., Class A	1,048	60,019
Liberty Media Corp.-Liberty SiriusXM, Series A (A)	2,949	149,957
Liberty Media Corp.-Liberty SiriusXM, Series C (A)	2,528	128,549
Loyalty Ventures, Inc. (A)	372	11,186
National CineMedia, Inc.	1,758	4,940
News Corp., Class A	10,198	227,517
Nexstar Media Group, Inc., Class A	776	117,160
NextPlay Technologies, Inc. (A)	805	689
Omnicom Group, Inc.	3,817	279,672
PubMatic, Inc., Class A (A)	758	25,810
Saga Communications, Inc., Class A	454	10,901
Scholastic Corp.	697	27,852
Sinclair Broadcast Group, Inc., Class A	1,490	39,381
Sirius XM Holdings, Inc. (B)	72,583	460,902
TechTarget, Inc. (A)	514	49,169
TEGNA, Inc.	4,077	75,669
The EW Scripps Company, Class A (A)	1,748	33,824
The Interpublic Group of Companies, Inc.	7,042	263,723
The New York Times Company, Class A	3,011	145,431
Tremor International, Ltd. (A)	81	605
Urban One, Inc. (A)	118	400
ViacomCBS, Inc., Class B	11,516	347,553
WideOpenWest, Inc. (A)	1,455	31,312
		10,127,029
Wireless telecommunication services – 0.3%		
Gogo, Inc. (A)	2,008	27,168
Shenandoah Telecommunications Company	1,007	25,679
Spok Holdings, Inc.	499	4,656
Telephone & Data Systems, Inc.	2,276	45,861
T-Mobile US, Inc. (A)	22,091	2,562,114
United States Cellular Corp. (A)	1,559	49,140
		2,714,618
		90,555,133
Consumer discretionary – 12.8%		
Auto components – 0.2%		
American Axle & Manufacturing Holdings, Inc. (A)	2,288	21,347
Autoliv, Inc.	1,369	141,568
BorgWarner, Inc.	4,199	189,249
Dana, Inc.	2,759	62,960
Dorman Products, Inc. (A)	636	71,874
Fox Factory Holding Corp. (A)	779	132,508
Genlex Corp.	3,814	132,918
Gentherm, Inc. (A)	626	54,399

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Auto components (continued)		
Holley, Inc. (A)	1,608	\$ 20,888
Horizon Global Corp. (A)	154	1,229
LCI Industries	484	75,441
Lear Corp.	1,062	194,293
Modine Manufacturing Company (A)	1,173	11,836
Motorcar Parts of America, Inc. (A)	476	8,125
Patrick Industries, Inc.	466	37,602
QuantumScape Corp. (A)(B)	7,355	163,207
Standard Motor Products, Inc.	472	24,728
Stoneridge, Inc. (A)	619	12,219
Superior Industries International, Inc. (A)	134	600
Tenneco, Inc., Class A (A)	1,225	13,843
The Goodyear Tire & Rubber Company (A)	5,122	109,201
Veoneer, Inc. (A)(B)	2,090	74,153
Visteon Corp. (A)	531	59,015
		1,613,203
Automobiles – 2.6%		
Arcimoto, Inc. (A)	520	4,046
AYRO, Inc. (A)	1,498	2,412
Electric Last Mile Solutions I (A)(B)	1,775	12,478
Faraday Future Intelligent Electric, Inc. (A)(B)	5,346	28,441
Ford Motor Company	72,712	1,510,228
General Motors Company (A)	25,447	1,491,958
Harley-Davidson, Inc.	2,784	104,929
Lucid Group, Inc. (A)	28,574	1,087,241
Rivian Automotive, Inc., Class A (A)	15,352	1,591,849
Tesla, Inc. (A)	17,462	18,453,492
Thor Industries, Inc.	999	103,666
Winnebago Industries, Inc.	625	46,825
		24,437,565
Distributors – 0.1%		
Funko, Inc., Class A (A)	938	17,634
Genuine Parts Company	2,627	368,305
LKQ Corp.	5,411	324,822
Pool Corp.	698	395,068
Weyco Group, Inc.	262	6,272
		1,112,101
Diversified consumer services – 0.2%		
2U, Inc. (A)	1,345	26,994
Adtalem Global Education, Inc. (A)	948	28,023
American Public Education, Inc. (A)	372	8,277
Bright Horizons Family Solutions, Inc. (A)	1,109	139,601
Carriage Services, Inc.	377	24,294
Chegg, Inc. (A)	2,536	77,855
Coursera, Inc. (A)	2,210	54,012
Duolingo, Inc. (A)(B)	621	65,894
European Wax Center, Inc., Class A (A)	916	27,801
frontdoor, Inc. (A)	1,584	58,054
Graham Holdings Company, Class B	32	20,155
Grand Canyon Education, Inc. (A)	744	63,768
H&R Block, Inc.	3,294	77,607
Houghton Mifflin Harcourt Company (A)	2,393	38,527
ITT Educational Services, Inc. (A)	608	0
Laureate Education, Inc., Class A	3,804	46,561
Mister Car Wash, Inc. (A)(B)	4,643	84,549
Nerdy, Inc. (A)	2,326	10,467
Perdoceo Education Corp. (A)	1,522	17,899
PowerSchool Holdings, Inc., Class A (A)	3,254	53,593
Regis Corp. (A)	845	1,470
Rover Group, Inc. (A)	2,832	27,612
Service Corp. International	3,026	214,816
StoneMor, Inc. (A)	3,034	6,918

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Diversified consumer services (continued)		
Strategic Education, Inc.	459	\$ 26,549
Stride, Inc. (A)	765	25,497
Terminix Global Holdings, Inc. (A)	2,287	103,441
The Beachbody Company, Inc. (A)	4,559	10,805
WW International, Inc. (A)	1,278	20,614
XpresSpa Group, Inc. (A)	2,007	4,054
		1,365,707
Hotels, restaurants and leisure – 2.1%		
Accel Entertainment, Inc. (A)	1,164	15,155
Airbnb, Inc., Class A (A)	10,941	1,821,567
Ambassadors Group, Inc. (A)(C)	714	29
Aramark	4,687	172,716
Bally's Corp. (A)	742	28,241
BBQ Holdings, Inc. (A)	30	476
Biglari Holdings, Inc., Class B (A)	58	8,269
BJ's Restaurants, Inc. (A)	418	14,442
Bloomin' Brands, Inc. (A)	1,726	36,211
Bluegreen Vacations Holding Corp. (A)	472	16,567
Booking Holdings, Inc. (A)	723	1,734,643
Boyd Gaming Corp. (A)	2,063	135,271
Brinker International, Inc. (A)	773	28,284
Caesars Entertainment, Inc. (A)	3,709	346,903
Carnival Corp. (A)	17,373	349,545
Carrols Restaurant Group, Inc.	1,021	3,022
Cedar Fair LP (A)	1,089	54,515
Century Casinos, Inc. (A)	682	8,307
Chipotle Mexican Grill, Inc. (A)	496	867,132
Choice Hotels International, Inc.	1,011	157,706
Churchill Downs, Inc.	699	168,389
Chuy's Holdings, Inc. (A)	395	11,897
Cracker Barrel Old Country Store, Inc.	465	59,818
Darden Restaurants, Inc.	2,351	354,155
Dave & Buster's Entertainment, Inc. (A)	672	25,805
Denny's Corp. (A)	1,245	19,920
Dine Brands Global, Inc.	324	24,562
Domino's Pizza, Inc.	648	365,686
DraftKings, Inc., Class A (A)	14,066	386,393
Drive Shack, Inc. (A)	1,927	2,756
Dutch Bros, Inc., Class A (A)(B)	2,817	143,413
El Pollo Loco Holdings, Inc. (A)	824	11,693
Esports Technologies, Inc. (A)	134	2,755
Everi Holdings, Inc. (A)	1,659	35,420
Expedia Group, Inc. (A)	2,679	484,149
F45 Training Holdings, Inc. (A)	1,198	13,046
FAT Brands, Inc., Class A	101	1,070
Fiesta Restaurant Group, Inc. (A)	709	7,806
Full House Resorts, Inc. (A)	163	1,974
Golden Entertainment, Inc. (A)	568	28,701
Hall of Fame Resort & Entertainment Company (A)	655	996
Hilton Grand Vacations, Inc. (A)	1,856	96,716
Hilton Worldwide Holdings, Inc. (A)	4,755	741,732
Hyatt Hotels Corp., Class A (A)	1,856	177,990
Inspired Entertainment, Inc. (A)	189	2,449
Jack in the Box, Inc.	422	36,917
Krispy Kreme, Inc. (B)	2,475	46,827
Kura Sushi USA, Inc., Class A (A)	110	8,892
Las Vegas Sands Corp. (A)	13,573	510,888
Marriott International, Inc., Class A (A)	5,798	958,062
Marriott Vacations Worldwide Corp.	789	133,325
McDonald's Corp.	12,997	3,484,106
Membership Collective Group, Inc., Class A (A)	3,166	40,461
MGM Resorts International	8,601	386,013
Monarch Casino & Resort, Inc. (A)	382	28,249

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hotels, restaurants and leisure (continued)		
Nathan's Famous, Inc.	100	\$ 5,839
Noodles & Company (A)	1,045	9,478
Norwegian Cruise Line Holdings, Ltd. (A)	6,309	130,849
Papa John's International, Inc.	670	89,425
Penn National Gaming, Inc. (A)	2,894	150,054
Planet Fitness, Inc., Class A (A)	1,554	140,761
PlayAGS, Inc. (A)	812	5,513
Potbelly Corp. (A)	25	140
RCI Hospitality Holdings, Inc.	210	16,355
Red Robin Gourmet Burgers, Inc. (A)	308	5,091
Red Rock Resorts, Inc., Class A	2,105	115,796
Restaurant Brands International LP	82	4,959
Royal Caribbean Cruises, Ltd. (A)	4,419	339,821
Ruth's Hospitality Group, Inc. (A)	679	13,512
Scientific Games Corp. (A)	1,726	115,349
SeaWorld Entertainment, Inc. (A)	1,425	92,426
Shake Shack, Inc., Class A (A)	773	55,780
Six Flags Entertainment Corp. (A)	1,568	66,765
Starbucks Corp.	20,947	2,450,171
Target Hospitality Corp. (A)	729	2,595
Texas Roadhouse, Inc.	1,322	118,028
The Cheesecake Factory, Inc. (A)	940	36,801
The Wendy's Company	3,552	84,715
Travel + Leisure Company	1,587	87,713
Vail Resorts, Inc.	701	229,858
Wingstop, Inc.	558	96,422
Wyndham Hotels & Resorts, Inc.	1,716	153,839
Wynn Resorts, Ltd. (A)	2,075	176,458
Xponential Fitness, Inc., Class A (A)	696	14,226
Yum! Brands, Inc.	5,153	715,546
		20,126,317
Household durables – 0.5%		
Aterian, Inc. (A)	878	3,609
Bassett Furniture Industries, Inc.	298	4,997
Beazer Homes USA, Inc. (A)	757	17,578
Casper Sleep, Inc. (A)	560	3,741
Cavco Industries, Inc. (A)	181	57,495
Century Communities, Inc.	625	51,119
Cricut, Inc., Class A (A)(B)	3,750	82,838
D.R. Horton, Inc.	6,403	694,405
Dream Finders Homes, Inc., Class A (A)	1,315	25,577
Ethan Allen Interiors, Inc.	592	15,564
Flexsteel Industries, Inc.	230	6,178
GoPro, Inc., Class A (A)	2,917	30,074
Green Brick Partners, Inc. (A)	1,021	30,967
Hamilton Beach Brands Holding Company, Class A	354	5,083
Hamilton Beach Brands Holding Company, Class B	241	3,461
Helen of Troy, Ltd. (A)	444	108,545
Hooker Furnishings Corp.	271	6,309
Hovnanian Enterprises, Inc., Class A (A)	117	14,893
Installed Building Products, Inc.	560	78,243
iRobot Corp. (A)	525	34,587
KB Home	1,336	59,759
La-Z-Boy, Inc.	888	32,243
Legacy Housing Corp. (A)	580	15,353
Leggett & Platt, Inc.	2,474	101,830
Lennar Corp., A Shares	5,343	620,643
M/I Homes, Inc. (A)	560	34,821
MDC Holdings, Inc.	1,048	58,510
Meritage Homes Corp. (A)	612	74,701
Mohawk Industries, Inc. (A)	1,250	227,725
Newell Brands, Inc.	7,724	168,692
NVR, Inc. (A)	56	330,897

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Household durables (continued)		
PulteGroup, Inc.	4,699	\$ 268,595
Purple Innovation, Inc. (A)	922	12,235
Skyline Champion Corp. (A)	1,047	82,692
Snap One Holdings Corp. (A)	1,112	23,441
Sonos, Inc. (A)	2,295	68,391
Taylor Morrison Home Corp. (A)	2,343	81,911
Tempur Sealy International, Inc.	3,514	165,263
The Lovesac Company (A)	280	18,553
Toll Brothers, Inc.	2,261	163,674
TopBuild Corp. (A)	601	165,822
Traeger, Inc. (A)	1,820	22,131
Tri Pointe Homes, Inc. (A)	2,144	59,796
Tupperware Brands Corp. (A)	955	14,602
Universal Electronics, Inc. (A)	312	12,714
Vizio Holding Corp., Class A (A)(B)	2,995	58,193
VOXX International Corp. (A)	708	7,200
Weber, Inc., Class A (B)	4,667	60,344
Whirlpool Corp.	1,007	236,303
		4,522,297
Internet and direct marketing retail – 3.5%		
1-800-Flowers.com, Inc., Class A (A)	1,178	27,530
1847 Goedecker, Inc. (A)	2,236	5,366
1stDibs.com, Inc. (A)	442	5,529
Aka Brands Holding Corp. (A)	1,841	17,029
Amazon.com, Inc. (A)	8,934	29,788,994
CarParts.com, Inc. (A)	587	6,574
Chewy, Inc., Class A (A)	7,353	433,606
ContextLogic, Inc., Class A (A)(B)	11,179	34,767
DoorDash, Inc., Class A (A)	5,960	887,444
Duluth Holdings, Inc., Class B (A)	700	10,626
eBay, Inc.	11,488	763,952
Etsy, Inc. (A)	2,236	489,550
Groupon, Inc. (A)	572	13,248
Just Eat Takeaway.com NV, ADR (A)	273	2,937
Lands' End, Inc. (A)	610	11,974
Liquidity Services, Inc. (A)	666	14,705
Magnite, Inc. (A)	2,098	36,715
Overstock.com, Inc. (A)	765	45,143
PetMed Express, Inc.	456	11,519
Poshmark, Inc., Class A (A)	1,160	19,755
Quotient Technology, Inc. (A)	1,823	13,527
Qurate Retail, Inc., Series A	7,473	56,795
Remark Holdings, Inc. (A)	554	549
Revolve Group, Inc. (A)	1,292	72,404
RumbleON, Inc., Class B (A)	206	8,553
Shutterstock, Inc.	655	72,626
Stitch Fix, Inc., Class A (A)	1,919	36,307
The RealReal, Inc. (A)	1,706	19,807
ThredUp, Inc., Class A (A)	1,512	19,293
Wayfair, Inc., Class A (A)	1,829	347,455
Xometry, Inc., Class A (A)	602	30,853
		33,305,132
Leisure products – 0.2%		
Acushnet Holdings Corp.	1,357	72,030
American Outdoor Brands, Inc. (A)	307	6,119
Brunswick Corp.	1,405	141,526
Callaway Golf Company (A)	3,017	82,786
Clarus Corp.	526	14,581
Escalade, Inc.	418	6,600
Hasbro, Inc.	2,488	253,229
Hayward Holdings, Inc. (A)	3,667	96,185
Johnson Outdoors, Inc., Class A	208	19,488
Latham Group, Inc. (A)	1,896	47,457
Malibu Boats, Inc., Class A (A)	395	27,148
Marine Products Corp.	742	9,275

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Leisure products (continued)		
MasterCraft Boat Holdings, Inc. (A)	427	\$ 12,097
Mattel, Inc. (A)	6,267	135,117
Nautilus, Inc. (A)	464	2,844
Peloton Interactive, Inc., Class A (A)	5,316	190,100
Polaris, Inc.	1,084	119,142
Smith & Wesson Brands, Inc.	903	16,073
Sturm Ruger & Company, Inc.	342	23,263
Vinco Ventures, Inc. (A)	1,543	3,672
Vista Outdoor, Inc. (A)	1,047	48,235
YETI Holdings, Inc. (A)	1,561	129,298
		1,456,265
Multiline retail – 0.4%		
Big Lots, Inc.	650	29,283
Dillard's, Inc., Class A (B)	378	92,618
Dollar General Corp.	4,031	950,631
Dollar Tree, Inc. (A)	4,004	562,642
Franchise Group, Inc.	539	28,114
Kohl's Corp.	2,801	138,341
Macy's, Inc.	5,555	145,430
Nordstrom, Inc. (A)	2,858	64,648
Ollie's Bargain Outlet Holdings, Inc. (A)	1,183	60,558
Target Corp.	8,655	2,003,113
		4,075,378
Specialty retail – 2.3%		
Abercrombie & Fitch Company, Class A (A)	1,134	39,497
Academy Sports & Outdoors, Inc. (A)	1,506	66,113
Advance Auto Parts, Inc.	1,105	265,067
American Eagle Outfitters, Inc.	3,071	77,758
America's Car-Mart, Inc. (A)	119	12,186
Asbury Automotive Group, Inc. (A)	403	69,610
AutoNation, Inc. (A)	1,280	149,568
AutoZone, Inc. (A)	375	786,146
Barnes & Noble Education, Inc. (A)	1,158	7,886
Bath & Body Works, Inc.	4,707	328,502
Bed Bath & Beyond, Inc. (A)	1,937	28,241
Best Buy Company, Inc.	4,386	445,618
Big 5 Sporting Goods Corp.	321	6,102
Boot Barn Holdings, Inc. (A)	531	65,340
Brilliant Earth Group, Inc., Class A (A)	1,474	26,620
Build-A-Bear Workshop, Inc.	144	2,811
Burlington Stores, Inc. (A)	1,133	330,281
Caleres, Inc.	774	17,554
Camping World Holdings, Inc., Class A	1,591	64,276
CarMax, Inc. (A)	2,901	377,797
Carvana Company (A)	3,047	706,264
Chico's FAS, Inc. (A)	2,330	12,535
Citi Trends, Inc. (A)	191	18,097
Conn's, Inc. (A)	510	11,995
Designer Brands, Inc., Class A (A)	1,409	20,022
Destination XL Group, Inc. (A)	752	4,271
Dick's Sporting Goods, Inc.	1,510	173,635
EVgo, Inc. (A)(B)	4,917	48,875
Express, Inc. (A)	817	2,516
Five Below, Inc. (A)	1,006	208,131
Floor & Decor Holdings, Inc., Class A (A)	1,885	245,069
Foot Locker, Inc.	1,841	80,323
GameStop Corp., Class A (A)(B)	1,360	201,810
Genesco, Inc. (A)	296	18,994
Group 1 Automotive, Inc.	331	64,618
Guess?, Inc.	1,272	30,121
Haverty Furniture Companies, Inc.	406	12,411
Hibbett, Inc.	306	22,011
J. Jill, Inc. (A)	28	537
JOANN, Inc.	421	4,370

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Specialty retail (continued)		
Kirkland's, Inc. (A)	147	\$ 2,195
Lazydays Holdings, Inc. (A)	67	1,443
Leslie's, Inc. (A)	3,078	72,825
Lithia Motors, Inc.	508	150,851
LMP Automotive Holdings, Inc. (A)	105	734
Lowe's Companies, Inc.	12,258	3,168,448
Lumber Liquidators Holdings, Inc. (A)	701	11,966
MarineMax, Inc. (A)	429	25,328
Monro, Inc.	639	37,235
Murphy USA, Inc.	479	95,436
National Vision Holdings, Inc. (A)	1,537	73,761
OneWater Marine, Inc., Class A	187	11,401
O'Reilly Automotive, Inc. (A)	1,212	855,951
Party City Holdco, Inc. (A)	1,740	9,692
Penske Automotive Group, Inc.	1,451	155,576
Petco Health & Wellness Company, Inc. (A)	3,669	72,610
Rent-A-Center, Inc.	1,196	57,456
RH (A)	375	200,978
Ross Stores, Inc.	6,239	712,993
Sally Beauty Holdings, Inc. (A)	2,075	38,305
Shoe Carnival, Inc.	550	21,494
Signet Jewelers, Ltd.	943	82,069
Sleep Number Corp. (A)	444	34,010
Sonic Automotive, Inc., Class A	786	38,868
Sportsman's Warehouse Holdings, Inc. (A)	611	7,210
The Aaron's Company, Inc.	685	16,885
The Buckle, Inc.	930	39,348
The Cato Corp., Class A	560	9,610
The Children's Place, Inc. (A)	273	21,646
The Container Store Group, Inc. (A)	658	6,567
The Gap, Inc.	6,794	119,914
The Home Depot, Inc.	18,545	7,696,360
The ODP Corp. (A)	969	38,062
The TJX Companies, Inc.	21,330	1,619,374
Tilly's, Inc., Class A	687	11,068
Torrid Holdings, Inc. (A)	1,663	16,430
Tractor Supply Company	2,045	487,937
TravelCenters of America, Inc. (A)	191	9,859
Ultra Beauty, Inc. (A)	969	399,557
Urban Outfitters, Inc. (A)	1,825	53,582
Victoria's Secret & Company (A)	1,578	87,642
Vroom, Inc. (A)	2,301	24,828
Warby Parker, Inc., Class A (A)	1,697	79,012
Williams-Sonoma, Inc.	1,312	221,899
Winmark Corp.	75	18,622
Zumiez, Inc. (A)	521	25,003
		21,995,618
Textiles, apparel and luxury goods – 0.7%		
Carter's, Inc.	593	60,023
Columbia Sportswear Company	1,104	107,574
Crocs, Inc. (A)	1,111	142,452
Culp, Inc.	350	3,329
Deckers Outdoor Corp. (A)	438	160,444
Fossil Group, Inc. (A)	1,102	11,340
G-III Apparel Group, Ltd. (A)	960	26,534
Hanesbrands, Inc.	6,357	106,289
Kontoor Brands, Inc.	1,067	54,684
Levi Strauss & Company, Class A	7,232	181,017
Movado Group, Inc.	465	19,451
NIKE, Inc., Class B	27,837	4,639,593
Oxford Industries, Inc.	331	33,603
PVH Corp.	1,303	138,965
Ralph Lauren Corp.	1,327	157,727
Rocky Brands, Inc.	191	7,602

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Textiles, apparel and luxury goods (continued)		
Skechers USA, Inc., Class A (A)	2,806	\$ 121,780
Steven Madden, Ltd.	1,517	70,495
Superior Group of Companies, Inc.	407	8,930
Tapestry, Inc.	5,025	204,015
Under Armour, Inc., Class A (A)	7,212	152,822
Unifi, Inc. (A)	438	10,140
Vera Bradley, Inc. (A)	773	6,578
VF Corp.	7,014	513,565
Wolverine World Wide, Inc.	1,556	44,828
		6,983,780
		120,993,363
Consumer staples – 5.8%		
Beverages – 1.3%		
Brown-Forman Corp., Class B	8,649	630,166
Celsius Holdings, Inc. (A)	1,351	100,744
Coca-Cola Consolidated, Inc.	176	108,977
Constellation Brands, Inc., Class A	3,313	831,464
Keurig Dr. Pepper, Inc.	25,472	938,898
MGP Ingredients, Inc.	345	29,322
Molson Coors Beverage Company, Class B	3,946	182,897
Monster Beverage Corp. (A)	9,457	908,250
National Beverage Corp.	1,726	78,240
NewAge, Inc. (A)	1,610	1,658
PepsiCo, Inc.	24,213	4,206,040
Primo Water Corp.	398	7,017
The Boston Beer Company, Inc., Class A (A)	221	111,627
The Coca-Cola Company	76,619	4,536,611
The Duckhorn Portfolio, Inc. (A)	1,652	38,558
Zevia PBC, Class A (A)	777	5,478
		12,715,947
Food and staples retailing – 1.6%		
Albertsons Companies, Inc., Class A	8,180	246,954
BJ's Wholesale Club Holdings, Inc. (A)	2,465	165,081
Blue Apron Holdings, Inc., Class A (A)	205	1,380
Casey's General Stores, Inc.	646	127,488
Costco Wholesale Corp.	7,750	4,399,675
Grocery Outlet Holding Corp. (A)	1,797	50,819
HF Foods Group, Inc. (A)	1,021	8,638
Ingles Markets, Inc., Class A	373	32,205
Natural Grocers by Vitamin Cottage, Inc.	523	7,453
Performance Food Group Company (A)	2,758	126,565
PriceSmart, Inc.	622	45,512
Rite Aid Corp. (A)	1,178	17,305
SpartanNash Company	831	21,407
Sprouts Farmers Market, Inc. (A)	2,118	62,862
Sysco Corp.	9,168	720,146
The Andersons, Inc.	755	29,226
The Chefs' Warehouse, Inc. (A)	665	22,145
The Kroger Company	13,277	600,917
U.S. Foods Holding Corp. (A)	4,092	142,524
United Natural Foods, Inc. (A)	1,030	50,552
Village Super Market, Inc., Class A	374	8,748
Walgreens Boots Alliance, Inc.	15,405	803,525
Walmart, Inc.	49,351	7,140,596
Weis Markets, Inc.	552	36,366
		14,868,089
Food products – 1.0%		
Alico, Inc.	195	7,221
Archer-Daniels-Midland Company	9,730	657,651
B&G Foods, Inc. (B)	1,301	39,980
Beyond Meat, Inc. (A)(B)	1,148	74,804
Bunge, Ltd.	2,430	226,865
Calavo Growers, Inc.	372	15,773

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food products (continued)		
Cal-Maine Foods, Inc.	948	\$ 35,067
Campbell Soup Company	5,137	223,254
Conagra Brands, Inc.	8,584	293,144
Darling Ingredients, Inc. (A)	2,955	204,752
Flowers Foods, Inc.	4,141	113,753
Fresh Del Monte Produce, Inc.	1,036	28,594
Freshpet, Inc. (A)	763	72,691
General Mills, Inc.	10,330	696,035
Hormel Foods Corp.	8,869	432,896
Hostess Brands, Inc. (A)	2,675	54,624
Ingredion, Inc.	1,127	108,913
J&J Snack Foods Corp.	393	62,078
John B. Sanfilippo & Son, Inc.	247	22,270
Kellogg Company	5,604	361,010
Laird Superfood, Inc. (A)	38	496
Lamb Weston Holdings, Inc.	2,655	168,274
Lancaster Colony Corp.	432	71,539
Landec Corp. (A)	729	8,092
Limoneira Company	402	6,030
McCormick & Company, Inc.	4,876	471,070
Mission Produce, Inc. (A)	643	10,095
Mondelez International, Inc., Class A	24,538	1,627,115
Pilgrim's Pride Corp. (A)	4,442	125,264
Post Holdings, Inc. (A)	1,186	133,698
Sanderson Farms, Inc.	331	63,247
Seaboard Corp.	16	62,960
Seneca Foods Corp., Class A (A)	231	11,076
Sovos Brands, Inc. (A)	1,290	19,415
The Hain Celestial Group, Inc. (A)	1,877	79,979
The Hershey Company	3,454	668,245
The J.M. Smucker Company	1,579	214,460
The Kraft Heinz Company	22,038	791,164
The Simply Good Foods Company (A)	1,833	76,198
Tootsie Roll Industries, Inc.	1,302	47,171
TreeHouse Foods, Inc. (A)	1,100	44,583
Tyson Foods, Inc., Class A	6,279	547,278
Vital Farms, Inc. (A)	450	8,127
		8,986,951
Household products – 1.1%		
Central Garden & Pet Company, Class A (A)	1,140	54,549
Church & Dwight Company, Inc.	4,398	450,795
Colgate-Palmolive Company	15,081	1,287,013
Energizer Holdings, Inc.	1,322	53,012
Kimberly-Clark Corp.	5,698	814,358
Oil-Dri Corp. of America	183	5,990
Reynolds Consumer Products, Inc.	2,843	89,270
Spectrum Brands Holdings, Inc.	789	80,257
The Clorox Company	2,216	386,382
The Procter & Gamble Company	42,439	6,942,172
WD-40 Company	246	60,181
		10,223,979
Personal products – 0.3%		
BellRing Brands, Inc., Class A (A)	593	16,918
Coty, Inc., Class A (A)	13,695	143,798
Edgewell Personal Care Company	1,052	48,087
elf Beauty, Inc. (A)	1,002	33,276
Herbalife Nutrition, Ltd. (A)	2,106	86,199
Inter Parfums, Inc.	609	65,102
Medifast, Inc.	216	45,237
Nature's Sunshine Products, Inc.	585	10,823
Nu Skin Enterprises, Inc., Class A	977	49,583
Olaplex Holdings, Inc. (A)	11,131	324,246
Revlon, Inc., Class A (A)	1,150	13,041

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Personal products (continued)		
The Estee Lauder Companies, Inc., Class A	6,437	\$ 2,382,977
The Honest Company, Inc. (A)	1,180	9,546
Thorne HealthTech, Inc. (A)	552	3,428
USANA Health Sciences, Inc. (A)	381	38,557
Veru, Inc. (A)	1,088	6,408
		3,277,226
Tobacco – 0.5%		
22nd Century Group, Inc. (A)	3,256	10,061
Altria Group, Inc.	32,649	1,547,236
Philip Morris International, Inc.	27,590	2,621,050
Turning Point Brands, Inc.	361	13,639
Universal Corp.	441	24,220
Vector Group, Ltd.	2,811	32,270
		4,248,476
		54,320,668
Energy – 2.9%		
Energy equipment and services – 0.2%		
Archrock, Inc.	3,041	22,747
Aspen Aerogels, Inc. (A)	612	30,471
Baker Hughes Company	18,576	446,939
Bristow Group, Inc. (A)	260	8,234
Cactus, Inc., Class A	1,384	52,772
ChampionX Corp. (A)	3,261	65,905
DMC Global, Inc. (A)	314	12,438
Dril-Quip, Inc. (A)	785	15,449
Exterran Corp. (A)	1,489	4,437
Halliburton Company	15,903	363,702
Helix Energy Solutions Group, Inc. (A)	3,143	9,806
Helmerich & Payne, Inc.	2,014	47,732
ION Geophysical Corp. (A)	100	88
Liberty Oilfield Services, Inc., Class A (A)	2,697	26,161
Mammoth Energy Services, Inc. (A)	213	388
Nabors Industries, Ltd. (A)	179	14,515
National Energy Services Reunited Corp. (A)	1,682	15,895
Newpark Resources, Inc. (A)	2,201	6,471
NexTier Oilfield Solutions, Inc. (A)	4,459	15,829
NOV, Inc.	7,253	98,278
Oceaneering International, Inc. (A)	1,924	21,760
Oil States International, Inc. (A)	1,360	6,759
Patterson-UTI Energy, Inc.	4,208	35,558
ProPetro Holding Corp. (A)	1,939	15,706
RPC, Inc. (A)	4,336	19,685
Schlumberger NV	24,867	744,767
SEACOR Marine Holdings, Inc. (A)	67	228
Select Energy Services, Inc., Class A (A)	2,431	15,145
Solaris Oilfield Infrastructure, Inc., Class A	1,111	7,277
TETRA Technologies, Inc. (A)	1,157	3,286
Tidewater, Inc. (A)	820	8,782
USA Compression Partners LP	2,120	36,994
		2,174,204
Oil, gas and consumable fuels – 2.7%		
Aemetis, Inc. (A)	638	7,847
Alliance Resource Partners LP	2,471	31,233
Alto Ingredients, Inc. (A)	841	4,045
Amplify Energy Corp. (A)	157	488
Antero Midstream Corp.	8,691	84,129
Antero Resources Corp. (A)	5,638	98,665
APA Corp.	6,760	181,776
Arch Resources, Inc.	237	21,643
Archaea Energy, Inc. (A)	1,370	25,044
Black Stone Minerals LP	4,760	49,171
BP Midstream Partners LP	1,216	18,605

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Brigham Minerals, Inc., Class A	1,168	\$ 24,633
California Resources Corp.	1,269	54,199
Callon Petroleum Company (A)	932	44,037
Calumet Specialty Products Partners LP (A)	1,619	21,371
Centennial Resource Development, Inc., Class A (A)	5,240	31,335
Centrus Energy Corp., Class A (A)	198	9,882
Cheniere Energy, Inc.	4,588	465,315
Chesapeake Energy Corp.	1,955	126,137
Chevron Corp.	33,682	3,952,583
Civitas Resources, Inc.	958	46,913
Clean Energy Fuels Corp. (A)	4,254	26,077
CNX Resources Corp. (A)	4,230	58,163
Comstock Resources, Inc. (A)	3,787	30,637
ConocoPhillips	23,963	1,729,649
CONSOL Energy, Inc. (A)	636	14,444
Continental Resources, Inc.	6,582	294,610
Coterra Energy, Inc.	14,695	279,205
Crescent Energy, Inc., Class A (A)	550	6,974
Crestwood Equity Partners LP	1,274	35,150
CrossAmerica Partners LP	693	13,209
CVR Energy, Inc.	1,445	24,290
DCP Midstream LP	3,813	104,781
Delek Logistics Partners LP	535	22,861
Delek US Holdings, Inc. (A)	1,558	23,354
Denbury, Inc. (A)	828	63,417
Devon Energy Corp.	12,060	531,243
Diamondback Energy, Inc.	3,260	351,591
Dorchester Minerals LP	821	16,248
Dorian LPG, Ltd.	943	11,967
DT Midstream, Inc.	1,701	81,614
Energy Transfer LP	56,224	462,724
EnLink Midstream LLC (A)	9,120	62,837
Enterprise Products Partners LP	36,288	796,884
Enviva Partners LP	868	61,125
EOG Resources, Inc.	10,460	929,162
EQT Corp. (A)	6,413	139,868
Equitrans Midstream Corp.	8,041	83,144
Exxon Mobil Corp.	75,208	4,601,978
Genesis Energy LP	2,417	25,886
Gevo, Inc. (A)	3,343	14,308
Global Partners LP	792	18,604
Green Plains Partners LP	503	7,143
Green Plains, Inc. (A)	849	29,511
Gulfport Energy Corp. (A)	298	21,465
Harvest Natural Resources, Inc. (A)(C)	270	0
Hess Corp.	5,575	412,717
Hess Midstream LP, Class A	701	19,369
HighPeak Energy, Inc.	1,453	21,272
Holly Energy Partners LP	2,024	33,376
HollyFrontier Corp.	3,027	99,225
International Seaways, Inc.	416	6,107
Kimbell Royalty Partners LP	1,094	14,911
Kinder Morgan, Inc.	38,418	609,309
Laredo Petroleum, Inc. (A)	264	15,874
LinnCo LLC (A)(C)	2,890	0
Magellan Midstream Partners LP	3,296	153,066
Magnolia Oil & Gas Corp., Class A	4,348	82,047
Marathon Oil Corp.	14,222	233,525
Marathon Petroleum Corp.	11,374	727,822
Matador Resources Company	2,130	78,640
MPLX LP	18,725	554,073
Murphy Oil Corp.	2,467	64,413
NACCO Industries, Inc., Class A	187	6,786

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Natural Resource Partners LP	290	\$ 9,692
New Fortress Energy, Inc.	3,618	87,339
NextDecade Corp. (A)	1,344	3,830
Northern Oil and Gas, Inc.	973	20,024
NuStar Energy LP	2,314	36,746
Oasis Midstream Partners LP	640	15,302
Oasis Petroleum, Inc.	289	36,411
Occidental Petroleum Corp.	16,662	483,031
ONEOK, Inc.	7,959	467,671
Ovintiv, Inc.	4,448	149,898
PBF Energy, Inc., Class A (A)	2,277	29,533
PBF Logistics LP	1,384	15,639
PDC Energy, Inc.	1,834	89,463
Peabody Energy Corp. (A)	2,102	21,167
Phillips 66	7,896	572,144
Phillips 66 Partners LP	3,796	136,922
Pioneer Natural Resources Company	4,258	774,445
Plains All American Pipeline LP	13,357	124,754
Plains GP Holdings LP, Class A (A)	3,615	36,656
Range Resources Corp. (A)	4,676	83,373
Ranger Oil Corp., Class A (A)	135	3,634
Rattler Midstream LP	2,920	33,230
Renewable Energy Group, Inc. (A)	765	32,467
REX American Resources Corp. (A)	157	15,072
Riley Exploration Permian, Inc.	118	2,280
SandRidge Energy, Inc. (A)	462	4,833
SFL Corp., Ltd.	2,278	18,566
Shell Midstream Partners LP	5,552	63,959
SilverBow Resources, Inc. (A)	168	3,657
SM Energy Company	2,191	64,591
Southwestern Energy Company (A)	16,800	78,288
Sprague Resources LP	617	8,360
Sunoco LP	1,303	53,201
Talos Energy, Inc. (A)	1,148	11,250
Targa Resources Corp.	4,115	214,968
Teekay Corp. (A)	2,383	7,483
Tellurian, Inc. (A)	7,716	23,765
Texas Pacific Land Corp.	129	161,104
The Williams Companies, Inc.	20,941	545,304
Uranium Energy Corp. (A)	4,770	15,980
Valero Energy Corp.	7,352	552,209
Vertex Energy, Inc. (A)	861	3,900
Viper Energy Partners LP	3,095	65,954
W&T Offshore, Inc. (A)	3,111	10,049
Western Midstream Partners LP	7,527	167,626
Whiting Petroleum Corp. (A)	580	37,514
World Fuel Services Corp.	1,250	33,088
		24,832,078
		27,006,282
Financials – 11.0%		
Banks – 3.9%		
1st Source Corp.	559	27,726
Allegiance Bancshares, Inc.	511	21,569
Amerant Bancorp, Inc.	655	22,630
American National Bankshares, Inc.	218	8,214
Ameris Bancorp	1,382	68,658
Ames National Corp.	260	6,367
Arrow Financial Corp.	442	15,572
Associated Banc-Corp.	3,059	69,103
Atlantic Union Bankshares Corp.	1,681	62,684
Banc of California, Inc.	1,367	26,821
BancFirst Corp.	701	49,463
Bank of America Corp.	148,933	6,626,029
Bank of Hawaii Corp.	693	58,046
Bank of Marin Bancorp	328	12,211

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Bank OZK	2,476	\$ 115,208
BankFinancial Corp.	481	5,132
BankUnited, Inc.	1,852	78,358
Bankwell Financial Group, Inc.	211	6,929
Banner Corp.	760	46,109
Bar Harbor Bankshares	435	12,585
BayCom Corp. (A)	336	6,303
BCB Bancorp, Inc.	577	8,903
Berkshire Hills Bancorp, Inc.	1,028	29,226
BOK Financial Corp.	1,118	117,938
Brookline Bancorp, Inc.	1,813	29,352
Bryn Mawr Bank Corp.	470	21,155
Business First Bancshares, Inc.	293	8,295
Byline Bancorp, Inc.	825	22,564
Cadence Bank	3,193	95,119
Cambridge Bancorp	93	8,704
Camden National Corp.	400	19,264
Capital City Bank Group, Inc.	465	12,276
Capstar Financial Holdings, Inc.	374	7,865
Cathay General Bancorp	1,283	55,156
CBTX, Inc.	597	17,313
Central Pacific Financial Corp.	579	16,310
Central Valley Community Bancorp	357	7,415
Chemung Financial Corp.	161	7,371
CIT Group, Inc.	1,515	77,780
Citigroup, Inc.	35,055	2,116,971
Citizens & Northern Corp.	324	8,463
Citizens Financial Group, Inc.	7,007	331,081
City Holding Company	404	33,043
Civista Bancshares, Inc.	342	8,345
CNB Financial Corp.	426	11,289
Codorus Valley Bancorp, Inc.	267	5,767
Columbia Banking System, Inc.	1,479	48,393
Comerica, Inc.	2,455	213,585
Commerce Bancshares, Inc.	1,726	118,645
Community Bank System, Inc.	871	64,872
Community Trust Bancorp, Inc.	310	13,519
ConnectOne Bancorp, Inc.	882	28,850
Cullen/Frost Bankers, Inc.	1,220	153,805
Customers Bancorp, Inc. (A)	631	41,248
Dime Community Bancshares, Inc.	892	31,363
Eagle Bancorp, Inc.	547	31,912
East West Bancorp, Inc.	2,607	205,119
Eastern Bankshares, Inc.	1,120	22,590
Enterprise Bancorp, Inc.	327	14,689
Enterprise Financial Services Corp.	834	39,273
Equity Bancshares, Inc., Class A	331	11,231
Esquire Financial Holdings, Inc. (A)	291	9,201
Farmers & Merchants Bancorp, Inc.	233	7,649
FB Financial Corp.	964	42,242
Fidelity D&D Bancorp, Inc.	112	6,608
Fifth Third Bancorp	12,422	540,978
Financial Institutions, Inc.	417	13,261
First Bancorp (North Carolina)	687	31,410
First Bancorp (Puerto Rico)	3,172	43,710
First Busey Corp.	1,265	34,307
First Citizens BancShares, Inc., Class A	128	106,220
First Commonwealth Financial Corp.	2,106	33,886
First Community Bankshares, Inc.	247	8,255
First Financial Bancorp	2,135	52,051
First Financial Bankshares, Inc.	2,671	135,794
First Financial Corp.	338	15,308
First Financial Northwest, Inc.	388	6,274
First Hawaiian, Inc.	2,545	69,555
First Horizon Corp.	10,207	166,680

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
First Internet Bancorp	224	\$ 10,537
First Interstate BancSystem, Inc., Class A	1,351	54,945
First Merchants Corp.	1,156	48,425
First Midwest Bancorp, Inc.	2,364	48,415
First Republic Bank	2,911	601,151
Flushing Financial Corp.	465	11,300
FNB Corp.	6,123	74,272
Fulton Financial Corp.	3,475	59,075
FVCBankcorp, Inc. (A)	432	8,558
German American Bancorp, Inc.	635	24,752
Glacier Bancorp, Inc.	2,143	121,508
Great Southern Bancorp, Inc.	369	21,863
Great Western Bancorp, Inc.	1,125	38,205
Guaranty Bancshares, Inc.	278	10,447
Hancock Whitney Corp.	1,723	86,184
Hanmi Financial Corp.	645	15,274
HarborOne Bancorp, Inc.	1,624	24,100
Heartland Financial USA, Inc.	771	39,020
Heritage Commerce Corp.	1,034	12,346
Heritage Financial Corp.	813	19,870
Hilltop Holdings, Inc.	1,026	36,054
Home BancShares, Inc.	3,212	78,212
HomeStreet, Inc.	549	28,548
Hope Bancorp, Inc.	2,740	40,305
Horizon Bancorp, Inc.	951	19,828
Huntington Bancshares, Inc.	26,864	414,243
Independent Bank Corp. (Massachusetts)	711	57,968
Independent Bank Corp. (Michigan)	561	13,391
Independent Bank Group, Inc.	910	65,657
International Bancshares Corp.	1,166	49,427
Investar Holding Corp.	319	5,873
Investors Bancorp, Inc.	5,096	77,204
JPMorgan Chase & Co.	52,348	8,289,306
KeyCorp	16,756	387,566
Lakeland Bancorp, Inc.	1,308	24,839
Lakeland Financial Corp.	520	41,673
Live Oak Bancshares, Inc.	804	70,181
M&T Bank Corp.	1,974	303,167
Macatawa Bank Corp.	926	8,167
Mercantile Bank Corp.	434	15,203
Meta Financial Group, Inc.	629	37,526
Metropolitan Bank Holding Corp. (A)	184	19,602
Midland States Bancorp, Inc.	539	13,362
MidWestOne Financial Group, Inc.	336	10,876
MVB Financial Corp.	370	15,362
National Bank Holdings Corp., Class A	721	31,681
National Bankshares, Inc.	188	6,817
NBT Bancorp, Inc.	501	19,299
Nicolet Bankshares, Inc. (A)	105	9,004
Northrim Bancorp, Inc.	222	9,648
Norwood Financial Corp.	211	5,484
OceanFirst Financial Corp.	1,155	25,641
OFG Bancorp	1,126	29,907
Old National Bancorp	1,685	30,532
Old Second Bancorp, Inc.	816	10,273
Origin Bancorp, Inc.	516	22,147
Pacific Premier Bancorp, Inc.	1,278	51,158
PacWest Bancorp	2,292	103,530
Park National Corp.	210	28,835
Peapack-Gladstone Financial Corp.	485	17,169
Penns Woods Bancorp, Inc.	222	5,233
Peoples Bancorp of North Carolina, Inc.	237	6,539
Peoples Bancorp, Inc.	778	24,748
People's United Financial, Inc.	7,377	131,458
Pinnacle Financial Partners, Inc.	1,429	136,470

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Popular, Inc.	399	\$ 32,734
Preferred Bank	341	24,480
Primis Financial Corp.	655	9,851
Prosperity Bancshares, Inc.	925	66,878
QCR Holdings, Inc.	353	19,768
RBB Bancorp	407	10,663
Red River Bancshares, Inc.	155	8,293
Regions Financial Corp.	17,282	376,748
Renasant Corp.	1,124	42,656
Republic Bancorp, Inc., Class A	425	21,607
Republic First Bancorp, Inc. (A)	1,584	5,892
S&T Bancorp, Inc.	768	24,207
Sandy Spring Bancorp, Inc.	750	36,060
Seacoast Banking Corp. of Florida	1,186	41,973
ServisFirst Bancshares, Inc.	997	84,685
Shore Bancshares, Inc.	488	10,175
Sierra Bancorp	373	10,127
Signature Bank	1,007	325,734
Silvergate Capital Corp., Class A (A)	431	63,874
Simmons First National Corp., Class A	1,970	58,273
South Plains Financial, Inc.	426	11,847
Southern First Bancshares, Inc. (A)	207	12,935
Southside Bancshares, Inc.	820	34,292
SouthState Corp.	1,373	109,991
Spirit of Texas Bancshares, Inc.	334	9,613
Sterling Bancorp	3,615	93,231
Stock Yards Bancorp, Inc.	419	26,766
Summit Financial Group, Inc.	334	9,168
SVB Financial Group (A)	1,047	710,117
Synovus Financial Corp.	2,821	135,041
Texas Capital Bancshares, Inc. (A)	987	59,467
The Bancorp, Inc. (A)	1,124	28,448
The Bank of Princeton	248	7,274
The First Bancorp, Inc.	302	9,483
The First of Long Island Corp.	648	13,990
The PNC Financial Services Group, Inc.	7,247	1,453,168
Tompkins Financial Corp.	330	27,581
Towne Bank	1,654	52,250
TriCo Bancshares	636	27,323
TriState Capital Holdings, Inc. (A)	675	20,426
Triumph Bancorp, Inc. (A)	474	56,444
Truist Financial Corp.	23,995	1,404,907
Trustmark Corp.	1,219	39,569
U.S. Bancorp	26,294	1,476,934
UMB Financial Corp.	563	59,740
Umpqua Holdings Corp.	4,355	83,790
United Bankshares, Inc.	2,146	77,857
United Community Banks, Inc.	1,695	60,918
Unity Bancorp, Inc.	355	9,319
Univest Financial Corp.	733	21,931
Valley National Bancorp	7,884	108,405
Veritex Holdings, Inc.	1,027	40,854
Washington Trust Bancorp, Inc.	335	18,884
Webster Financial Corp.	1,717	95,877
Wells Fargo & Company	72,888	3,497,166
WesBanco, Inc.	1,220	42,688
West Bancorp, Inc.	463	14,385
Western Alliance Bancorp	1,882	202,597
Wintrust Financial Corp.	1,081	98,176
Zions Bancorp NA	2,947	186,133
		36,668,188
Capital markets – 3.3%		
Affiliated Managers Group, Inc.	769	126,508
AllianceBernstein Holding LP	1,953	95,385
Ameriprise Financial, Inc.	2,054	619,610

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Capital markets (continued)		
Apollo Investment Corp.	1,528	\$ 19,543
Ares Capital Corp. (B)	8,591	182,043
Ares Management Corp., Class A	4,922	400,011
Artisan Partners Asset Management, Inc., Class A	1,550	73,842
AssetMark Financial Holdings, Inc. (A)	1,278	33,496
Associated Capital Group, Inc., Class A	454	19,522
Bain Capital Specialty Finance, Inc.	1,190	18,100
Barings BDC, Inc.	1,926	21,225
BGC Partners, Inc., Class A	7,348	34,168
BlackRock Capital Investment Corp.	2,127	8,508
BlackRock TCP Capital Corp.	1,134	15,320
BlackRock, Inc.	2,683	2,456,447
Blucora, Inc. (A)	1,076	18,636
Bridge Investment Group Holdings, Inc., Class A	1,456	36,356
Capital Southwest Corp.	445	11,250
Cboe Global Markets, Inc.	1,942	253,237
CME Group, Inc.	6,387	1,459,174
Cohen & Steers, Inc.	930	86,034
Coinbase Global, Inc., Class A (A)	3,735	942,602
Cowen, Inc., Class A	420	15,162
Diamond Hill Investment Group, Inc.	83	16,121
Donnelley Financial Solutions, Inc. (A)	686	32,338
Ellington Financial, Inc.	880	15,039
Evercore, Inc., Class A	743	100,937
FactSet Research Systems, Inc.	632	307,158
Federated Hermes, Inc.	1,908	71,703
Fidus Investment Corp.	605	10,878
Focus Financial Partners, Inc., Class A (A)	1,365	81,518
Franklin Resources, Inc.	9,106	304,960
FS KKR Capital Corp.	3,921	82,106
GAMCO Investors, Inc., Class A	443	11,066
Gladstone Capital Corp.	801	9,284
Gladstone Investment Corp.	797	13,613
Goldman Sachs BDC, Inc.	967	18,528
Golub Capital BDC, Inc.	1,363	21,045
Hamilton Lane, Inc., Class A	1,002	103,827
Hercules Capital, Inc.	2,271	37,676
Houlihan Lokey, Inc.	1,199	124,120
Interactive Brokers Group, Inc., Class A	1,612	128,025
Intercontinental Exchange, Inc.	9,750	1,333,508
Invesco, Ltd.	8,492	195,486
Jefferies Financial Group, Inc.	3,974	154,191
Lazard, Ltd., Class A	2,131	92,976
LPL Financial Holdings, Inc.	1,452	232,451
Main Street Capital Corp.	1,316	59,036
MarketAxess Holdings, Inc.	694	285,421
MarketWise, Inc. (A)	5,323	40,135
Moelis & Company, Class A	1,258	78,638
Monroe Capital Corp.	561	6,294
Moody's Corp.	3,313	1,293,992
Morgan Stanley	31,790	3,120,506
Morningstar, Inc.	772	264,016
MSCI, Inc.	1,465	897,591
Nasdaq, Inc.	2,794	586,768
New Mountain Finance Corp.	2,060	28,222
Newtek Business Services Corp.	477	13,180
Northern Trust Corp.	3,051	364,930
Oaktree Specialty Lending Corp.	2,519	18,792
Open Lending Corp., Class A (A)	2,053	46,151
Oppenheimer Holdings, Inc., Class A	169	7,837
Owl Rock Capital Corp.	4,673	66,170
Oxford Square Capital Corp.	1,411	5,757
P10, Inc., Class B (A)	665	9,297

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Capital markets (continued)		
PennantPark Floating Rate Capital, Ltd.	874	\$ 11,161
PennantPark Investment Corp.	1,841	12,758
Perella Weinberg Partners	815	10,481
Piper Sandler Companies	319	56,945
Portman Ridge Finance Corp.	340	8,418
Prospect Capital Corp.	8,135	68,415
Pzena Investment Management, Inc., Class A	1,693	16,033
Raymond James Financial, Inc.	3,780	379,512
Robinhood Markets, Inc., Class A (A)(B)	14,944	265,405
S&P Global, Inc.	4,288	2,023,636
Sculptor Capital Management, Inc.	1,110	23,699
SEI Investments Company	2,764	168,438
Sixth Street Specialty Lending, Inc.	1,483	34,687
SLR Investment Corp.	825	15,205
SLR Senior Investment Corp.	444	6,207
State Street Corp.	6,212	577,716
Stellus Capital Investment Corp.	500	6,510
StepStone Group, Inc., Class A	1,560	64,849
Stifel Financial Corp.	1,959	137,953
StoneX Group, Inc. (A)	429	26,276
T. Rowe Price Group, Inc.	4,082	802,684
TCG BDC, Inc.	1,406	19,304
The Bank of New York Mellon Corp.	15,350	891,528
The Blackstone Group, Inc.	12,182	1,576,229
The Carlyle Group, Inc.	6,391	350,866
The Charles Schwab Corp.	32,113	2,700,703
The Goldman Sachs Group, Inc.	5,926	2,266,991
Tradeweb Markets, Inc., Class A	4,224	422,991
TriplePoint Venture Growth BDC Corp.	568	10,201
Victory Capital Holdings, Inc., Class A	1,360	49,681
Virtu Financial, Inc., Class A	3,306	95,312
Virtus Investment Partners, Inc.	128	38,029
WhiteHorse Finance, Inc.	557	8,634
WisdomTree Investments, Inc.	3,365	20,594
		30,805,517
Consumer finance – 0.6%		
Ally Financial, Inc.	6,479	308,465
American Express Company	14,101	2,306,924
Atlanticus Holdings Corp. (A)	243	17,331
Capital One Financial Corp.	7,840	1,137,506
Credit Acceptance Corp. (A)(B)	282	193,926
Curo Group Holdings Corp.	881	14,105
Discover Financial Services	5,337	616,744
Elevate Credit, Inc. (A)	1,491	4,428
Encore Capital Group, Inc. (A)	602	37,390
Enova International, Inc. (A)	722	29,573
EZCORP, Inc., Class A (A)	1,448	10,672
FirstCash Holdings, Inc.	795	59,474
Green Dot Corp., Class A (A)	1,032	37,400
LendingTree, Inc. (A)	258	31,631
Moneylion, Inc. (A)	3,076	12,396
Navient Corp.	3,015	63,978
Nelnet, Inc., Class A	367	35,849
OneMain Holdings, Inc.	2,436	121,897
Oportun Financial Corp. (A)	399	8,080
OppFi, Inc. (A)	1,374	6,238
PRA Group, Inc. (A)	950	47,700
PROG Holdings, Inc. (A)	1,223	55,170
Regional Management Corp.	233	13,388
Santander Consumer USA Holdings, Inc.	5,022	211,024
SLM Corp.	5,564	109,444
Sunlight Financial Holdings, Inc. (A)	1,462	6,988
Synchrony Financial	10,161	471,369
Upstart Holdings, Inc. (A)	1,379	208,643

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Consumer finance (continued)		
World Acceptance Corp. (A)	133	\$ 32,642
		6,210,375
Diversified financial services – 1.3%		
Berkshire Hathaway, Inc., Class A (A)	11	4,957,282
Berkshire Hathaway, Inc., Class B (A)	23,047	6,891,053
Equitable Holdings, Inc.	7,560	247,892
GWG Holdings, Inc. (A)	813	8,122
Jackson Financial, Inc., Class A	1,342	56,136
Voya Financial, Inc.	2,133	141,439
		12,301,924
Insurance – 1.6%		
Aflac, Inc.	11,866	692,856
Alleghany Corp. (A)	196	130,848
American Equity Investment Life Holding Company	1,171	45,575
American Financial Group, Inc.	1,581	217,103
American International Group, Inc.	15,290	869,389
American National Group, Inc.	390	73,648
AMERISAFE, Inc.	412	22,178
Arch Capital Group, Ltd. (A)	7,322	325,463
Argo Group International Holdings, Ltd.	742	43,118
Arthur J. Gallagher & Company	3,634	616,581
Assurant, Inc.	1,120	174,563
Assured Guaranty, Ltd.	1,401	70,330
Axis Capital Holdings, Ltd.	1,664	90,638
Bright Health Group, Inc. (A)	10,245	35,243
BrightHouse Financial, Inc. (A)	1,248	64,646
Brown & Brown, Inc.	5,126	360,255
BRP Group, Inc., Class A (A)	1,594	57,559
Cincinnati Financial Corp.	2,987	340,309
Citizens, Inc. (A)	1,370	7,275
CNA Financial Corp.	5,170	227,894
CNO Financial Group, Inc.	2,745	65,441
Crawford & Company, Class B	1,283	9,610
Donegal Group, Inc., Class A	786	11,232
eHealth, Inc. (A)	490	12,495
Employers Holdings, Inc.	692	28,635
Enstar Group, Ltd. (A)	196	48,528
Erie Indemnity Company, Class A	826	159,137
Everest Re Group, Ltd.	580	158,874
Fidelity National Financial, Inc.	5,294	276,241
First American Financial Corp.	2,102	164,439
Genworth Financial, Inc., Class A (A)	9,926	40,200
Globe Life, Inc.	1,425	133,551
GoHealth, Inc., Class A (A)	5,260	19,935
Goosehead Insurance, Inc., Class A	660	85,853
HCI Group, Inc.	170	14,202
Heritage Insurance Holdings, Inc.	734	4,316
Hippo Holdings, Inc. (A)	8,118	22,974
Horace Mann Educators Corp.	900	34,830
Independence Holding Company	356	20,178
Investors Title Company	50	9,858
Kemper Corp.	1,246	73,252
Kinsale Capital Group, Inc.	439	104,434
Lemonade, Inc. (A)(B)	1,078	45,395
Lincoln National Corp.	3,476	237,272
Loews Corp.	4,301	248,426
Markel Corp. (A)	208	256,672
Marsh & McLennan Companies, Inc.	8,978	1,560,556
MBIA, Inc. (A)	1,204	19,011
Mercury General Corp.	1,157	61,390
MetLife, Inc.	15,112	944,349
National Western Life Group, Inc., Class A	35	7,505
NI Holdings, Inc. (A)	641	12,121
Old Republic International Corp.	5,866	144,186

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Insurance (continued)		
Oscar Health, Inc., Class A (A)	3,277	\$ 25,724
Palomar Holdings, Inc. (A)	514	33,292
Primerica, Inc.	766	117,405
Principal Financial Group, Inc.	5,014	362,663
ProAssurance Corp.	1,182	29,905
Prudential Financial, Inc.	6,781	733,975
Reinsurance Group of America, Inc.	1,269	138,943
RenaissanceRe Holdings, Ltd.	725	122,764
RLI Corp.	935	104,814
Root, Inc., Class A (A)	4,139	12,831
Ryan Specialty Group Holdings, Inc., Class A (A)	4,244	171,245
Safety Insurance Group, Inc.	334	28,400
Selective Insurance Group, Inc.	1,193	97,754
Selectquote, Inc. (A)	2,662	24,118
State Auto Financial Corp.	841	43,471
Stewart Information Services Corp.	487	38,829
The Allstate Corp.	4,827	567,897
The Hanover Insurance Group, Inc.	727	95,281
The Hartford Financial Services Group, Inc.	6,282	433,709
The Progressive Corp.	9,834	1,009,460
The Travelers Companies, Inc.	4,415	690,638
Trean Insurance Group, Inc. (A)	448	3,992
Trupanion, Inc. (A)	731	96,514
United Fire Group, Inc.	546	12,662
United Insurance Holdings Corp.	1,080	4,687
Universal Insurance Holdings, Inc.	656	11,152
Unum Group	3,143	77,224
W.R. Berkley Corp.	3,321	273,617
White Mountains Insurance Group, Ltd.	18	18,250
		14,881,785
Mortgage real estate investment trusts – 0.1%		
AGNC Investment Corp.	6,319	95,038
Angel Oak Mortgage, Inc.	54	885
Annaly Capital Management, Inc.	21,305	166,605
Apollo Commercial Real Estate Finance, Inc.	3,205	42,178
Arbor Realty Trust, Inc.	2,208	40,451
Ares Commercial Real Estate Corp.	789	11,472
ARMOUR Residential REIT, Inc.	1,413	13,862
Blackstone Mortgage Trust, Inc., Class A	2,768	84,756
BrightSpire Capital, Inc.	2,808	28,810
Broadmark Realty Capital, Inc.	2,185	20,605
Chimera Investment Corp.	3,772	56,882
Dynex Capital, Inc.	611	10,210
Ellington Residential Mortgage REIT	471	4,894
Franklin BSP Realty Trust, Inc.	474	7,082
Granite Point Mortgage Trust, Inc.	1,105	12,940
Great Ajax Corp.	553	7,277
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	1,402	74,474
Invesco Mortgage Capital, Inc.	3,300	9,174
KKR Real Estate Finance Trust, Inc.	1,084	22,580
Ladder Capital Corp.	2,535	30,395
MFA Financial, Inc.	9,090	41,450
New Residential Investment Corp.	8,506	91,099
New York Mortgage Trust, Inc.	5,225	19,437
Orchid Island Capital, Inc.	1,157	5,207
PennyMac Mortgage Investment Trust	1,761	30,518
Ready Capital Corp.	1,430	22,351
Redwood Trust, Inc.	2,127	28,055
Starwood Property Trust, Inc.	5,131	124,683
TPG RE Finance Trust, Inc.	1,656	20,402

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Mortgage real estate investment trusts (continued)		
Two Harbors Investment Corp.	5,815	\$ 33,553
		1,157,325
Thriffs and mortgage finance – 0.2%		
Axos Financial, Inc. (A)	1,170	65,415
Bridgewater Bancshares, Inc. (A)	655	11,587
Capitol Federal Financial, Inc.	1,954	22,139
Columbia Financial, Inc. (A)	2,514	52,442
Enact Holdings, Inc.	1,803	37,268
Federal Agricultural Mortgage Corp., Class C	191	23,671
Federal Home Loan Mortgage Corp. (A)	12,537	10,406
Federal National Mortgage Association (A)	21,500	17,632
Flagstar Bancorp, Inc.	306	14,670
Home Bancorp, Inc.	185	7,679
Home Point Capital, Inc.	1,484	6,678
Kearny Financial Corp.	2,110	27,958
LoanDepot, Inc., Class A	5,042	24,202
Luther Burbank Corp.	1,316	18,477
Merchants Bancorp	618	29,250
MGIC Investment Corp.	6,433	92,764
New York Community Bancorp, Inc.	6,179	75,446
NMI Holdings, Inc., Class A (A)	1,463	31,967
Northfield Bancorp, Inc.	1,247	20,152
Northwest Bancshares, Inc.	2,105	29,807
Ocwen Financial Corp. (A)	244	9,753
PCSB Financial Corp.	498	9,482
PDL Community Bancorp (A)	510	7,466
PennyMac Financial Services, Inc.	824	57,499
Premier Financial Corp.	968	29,921
Provident Bancorp, Inc.	677	12,592
Provident Financial Services, Inc.	1,019	24,680
Radian Group, Inc.	3,644	76,998
Riverview Bancorp, Inc.	881	6,775
Rocket Companies, Inc., Class A (B)	35,120	491,680
Southern Missouri Bancorp, Inc.	216	11,269
Sterling Bancorp, Inc. (A)	1,248	7,176
Territorial Bancorp, Inc.	238	6,010
TFS Financial Corp.	3,937	70,354
Timberland Bancorp, Inc.	255	7,064
TrustCo Bank Corp. NY	512	17,055
Velocity Financial, Inc. (A)	372	5,096
Walker & Dunlop, Inc.	597	90,075
Washington Federal, Inc.	1,204	40,190
Western New England Bancorp, Inc.	789	6,912
WSFS Financial Corp.	837	41,950
		1,649,607
		103,674,721
Health care – 12.4%		
Biotechnology – 2.3%		
2seventy bio, Inc. (A)	390	9,996
4D Molecular Therapeutics, Inc. (A)	496	10,882
89bio, Inc. (A)	290	3,790
Aadi Bioscience, Inc. (A)	304	7,342
AbbVie, Inc.	31,305	4,238,697
Abeka Therapeutics, Inc. (A)	5,173	1,743
ACADIA Pharmaceuticals, Inc. (A)	3,016	70,393
Achieve Life Sciences, Inc. (A)	143	1,113
Achillion Pharmaceuticals, Inc. (A)(C)	3,410	5,128
Acorda Therapeutics, Inc. (A)	1,089	2,603
Acumen Pharmaceuticals, Inc. (A)	542	3,664
Adagio Therapeutics, Inc. (A)	1,840	13,358
Adicet Bio, Inc. (A)	550	9,620
Aduro Biotech, Inc. (A)(C)	312	936
Advaxis, Inc. (A)	7,965	1,239

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Adverum Biotechnologies, Inc. (A)	1,924	\$ 3,386
Aeglea BioTherapeutics, Inc. (A)	797	3,786
Aerovate Therapeutics, Inc. (A)	373	4,398
Agenus, Inc. (A)	4,171	13,431
Agios Pharmaceuticals, Inc. (A)	1,160	38,129
Aileron Therapeutics, Inc. (A)	4,229	2,381
Akebia Therapeutics, Inc. (A)	3,771	8,522
Akero Therapeutics, Inc. (A)	639	13,515
Akouos, Inc. (A)	482	4,097
Albireo Pharma, Inc. (A)	301	7,010
Alder Biopharmaceuticals, Inc. (A)(C)	1,872	2,722
Aldeyra Therapeutics, Inc. (A)	778	3,112
Alecto, Inc. (A)	1,508	31,140
Aligos Therapeutics, Inc. (A)	603	7,158
Alkermes PLC (A)	3,013	70,082
Allakos, Inc. (A)	977	9,565
Allogene Therapeutics, Inc. (A)	2,589	38,628
Allovir, Inc. (A)	1,052	13,613
Alnylam Pharmaceuticals, Inc. (A)	2,118	359,170
Alpine Immune Sciences, Inc. (A)	365	5,055
Altimmune, Inc. (A)	589	5,395
ALX Oncology Holdings, Inc. (A)	659	14,162
Alzamend Neuro, Inc. (A)(B)	981	1,864
Ambit Biosciences Corp. (A)(C)	515	309
Amgen, Inc.	10,108	2,273,997
Amicus Therapeutics, Inc. (A)	4,973	57,438
AnaptysBio, Inc. (A)	595	20,676
Anika Therapeutics, Inc. (A)	318	11,394
Anixa Biosciences, Inc. (A)	267	793
Annexon, Inc. (A)	614	7,055
Annovis Bio, Inc. (A)	176	3,094
Apellis Pharmaceuticals, Inc. (A)	1,496	70,731
Applied Molecular Transport, Inc. (A)	578	8,080
Applied Therapeutics, Inc. (A)	650	5,818
Aprea Therapeutics, Inc. (A)	81	232
Aptevo Therapeutics, Inc. (A)	90	708
Aptinyx, Inc. (A)	243	649
AquaBounty Technologies, Inc. (A)	439	922
Aravive, Inc. (A)	701	1,535
Arcus Biosciences, Inc. (A)	1,192	48,240
Arcutis Biotherapeutics, Inc. (A)	769	15,949
Ardelyx, Inc. (A)	4,272	4,699
Arena Pharmaceuticals, Inc. (A)	1,074	99,818
Arrowhead Pharmaceuticals, Inc. (A)	1,889	125,241
Assembly Biosciences, Inc. (A)	313	729
Astria Therapeutics, Inc. (A)	645	3,477
Atara Biotherapeutics, Inc. (A)	1,373	21,638
Athenex, Inc. (A)	2,350	3,196
Atossa Therapeutics, Inc. (A)	2,741	4,386
Atreca, Inc., Class A (A)	921	2,791
aTyr Pharma, Inc. (A)	237	1,770
Avalo Therapeutics, Inc. (A)	3,324	5,651
AVEO Pharmaceuticals, Inc. (A)	932	4,371
Avid Bioservices, Inc. (A)	992	28,947
Avidity Biosciences, Inc. (A)	655	15,569
AvroBio, Inc. (A)	1,365	5,255
Axcella Health, Inc. (A)	968	2,023
Ayala Pharmaceuticals, Inc. (A)	641	5,455
Aziyo Biologics, Inc., Class A (A)	230	1,449
Beam Therapeutics, Inc. (A)	1,141	90,926
Bellicum Pharmaceuticals, Inc. (A)	1,059	1,578
BioAtla, Inc. (A)	475	9,324
BioCryst Pharmaceuticals, Inc. (A)	2,966	41,079
Biogen, Inc. (A)	2,648	635,308
BioMarin Pharmaceutical, Inc. (A)	3,306	292,085

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Biomea Fusion, Inc. (A)	348	\$ 2,593
Bioxel Therapeutics, Inc. (A)	451	9,169
Black Diamond Therapeutics, Inc. (A)	960	5,117
Bluebird Bio, Inc. (A)	1,170	11,688
Blueprint Medicines Corp. (A)	1,044	111,823
Bolt Biotherapeutics, Inc. (A)	540	2,646
Bridgebio Pharma, Inc. (A)	2,737	45,653
Brooklyn ImmunoTherapeutics, Inc. (A)	665	2,773
C4 Therapeutics, Inc. (A)	755	24,311
Cabaletta Bio, Inc. (A)	446	1,690
Calithera Biosciences, Inc. (A)	3,295	2,192
Calyxt, Inc. (A)	1,467	3,125
Candel Therapeutics, Inc. (A)	331	2,588
Capricor Therapeutics, Inc. (A)(B)	880	2,578
Cardiff Oncology, Inc. (A)	1,062	6,383
CareDx, Inc. (A)	890	40,477
Caribou Biosciences, Inc. (A)	895	13,506
Catalyst Biosciences, Inc. (A)	1,171	1,070
Catalyst Pharmaceuticals, Inc. (A)	2,142	14,501
Celcuity, Inc. (A)	72	950
Celldex Therapeutics, Inc. (A)	768	29,676
CEL-SCI Corp. (A)	784	5,566
Celsion Corp. (A)	4,469	2,413
Celularity, Inc. (A)	1,786	9,144
Century Therapeutics, Inc. (A)	839	13,307
Checkmate Pharmaceuticals, Inc. (A)	1,186	3,404
Checkpoint Therapeutics, Inc. (A)	779	2,423
ChemoCentryx, Inc. (A)	1,259	45,840
Chimerix, Inc. (A)	1,055	6,784
Chinook Therapeutics, Inc. (A)	797	12,999
Cidara Therapeutics, Inc. (A)	179	227
Clarus Therapeutics Holdings, Inc. (A)	22	53
Clovis Oncology, Inc. (A)	2,326	6,303
Codiak Biosciences, Inc. (A)	315	3,509
Cogent Biosciences, Inc. (A)	816	7,001
Coherus Biosciences, Inc. (A)	1,434	22,887
Concert Pharmaceuticals, Inc. (A)	1,605	5,056
Cortextyme, Inc. (A)(B)	576	7,269
Corvus Pharmaceuticals, Inc. (A)	1,318	3,176
Crinetics Pharmaceuticals, Inc. (A)	678	19,262
CTI BioPharma Corp. (A)	2,424	6,012
Cue Biopharma, Inc. (A)	664	7,510
Cullinan Oncology, Inc. (A)	632	9,752
Curis, Inc. (A)	1,714	8,159
Cyclerion Therapeutics, Inc. (A)	1,852	3,185
Cyteir Therapeutics, Inc. (A)	402	4,571
Cytokinetics, Inc. (A)	1,360	61,989
CytomX Therapeutics, Inc. (A)	1,018	4,408
Day One Biopharmaceuticals, Inc. (A)	960	16,176
Decibel Therapeutics, Inc. (A)	543	2,525
Deciphera Pharmaceuticals, Inc. (A)	1,040	10,161
Denali Therapeutics, Inc. (A)	2,075	92,545
Design Therapeutics, Inc. (A)	812	17,385
Dynavax Technologies Corp. (A)	1,897	26,691
Dyne Therapeutics, Inc. (A)	642	7,633
Eagle Pharmaceuticals, Inc. (A)	282	14,359
Editas Medicine, Inc. (A)	1,143	30,347
eFFECTOR Therapeutics, Inc. (A)(B)	584	4,836
Eiger BioPharmaceuticals, Inc. (A)	622	3,228
Eleldon Pharmaceuticals, Inc. (A)	188	829
Elevation Oncology, Inc. (A)	279	1,680
Eliem Therapeutics, Inc. (A)	571	5,973
Emergent BioSolutions, Inc. (A)	1,025	44,557
Enanta Pharmaceuticals, Inc. (A)	386	28,865
Entasis Therapeutics Holdings, Inc. (A)	1,850	4,052

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Epizyme, Inc. (A)	1,858	\$ 4,645
Equillium, Inc. (A)	835	3,131
Erasca, Inc. (A)(B)	1,961	30,552
Evelo Biosciences, Inc. (A)	1,133	6,877
Exact Sciences Corp. (A)	3,078	239,561
Exagen, Inc. (A)	108	1,256
Exelixis, Inc. (A)	5,688	103,977
Fate Therapeutics, Inc. (A)	1,608	94,084
Fennec Pharmaceuticals, Inc. (A)	143	629
FibroGen, Inc. (A)	1,854	26,141
Finch Therapeutics Group, Inc. (A)	641	6,391
First Wave Biopharma, Inc. (A)	1,115	1,611
Flexion Therapeutics, Inc. (A)(C)	867	538
Foghorn Therapeutics, Inc. (A)	553	12,647
Forma Therapeutics Holdings, Inc. (A)	728	10,352
Forte Biosciences, Inc. (A)	1,003	2,146
Fortress Biotech, Inc. (A)	1,857	4,643
Frequency Therapeutics, Inc. (A)	850	4,361
F-star Therapeutics, Inc. (A)	714	3,584
G1 Therapeutics, Inc. (A)	777	7,933
Gain Therapeutics, Inc. (A)	45	240
Galectin Therapeutics, Inc. (A)	1,506	3,117
Galera Therapeutics, Inc. (A)(B)	1,618	7,427
Generation Bio Company (A)	907	6,422
Genocea Biosciences, Inc. (A)	2,651	3,075
Geron Corp. (A)	4,452	5,431
Gilead Sciences, Inc.	22,302	1,619,348
Ginkgo Bioworks Holdings, Inc. (A)(B)	34,305	285,075
Global Blood Therapeutics, Inc. (A)	1,168	34,187
GlycoMimetics, Inc. (A)	1,565	2,254
Gossamer Bio, Inc. (A)	1,462	16,535
Graphite Bio, Inc. (A)	860	10,690
Greenwich Lifesciences, Inc. (A)	123	2,993
Gritstone bio, Inc. (A)	987	12,693
GTx Corp. (A)(C)	38	0
Halozyyme Therapeutics, Inc. (A)	2,610	104,948
Harpoon Therapeutics, Inc. (A)	583	4,402
HCW Biologics, Inc. (A)	248	575
Heron Therapeutics, Inc. (A)	1,487	13,576
Homology Medicines, Inc. (A)	999	3,636
Hookipa Pharma, Inc. (A)	641	1,494
Horizon Therapeutics PLC (A)	3,931	423,605
Humacyte, Inc. (A)	1,629	11,810
Icosavax, Inc. (A)	553	12,653
Ideaya Biosciences, Inc. (A)	547	12,931
Idera Pharmaceuticals, Inc. (A)	3,934	2,242
IGM Biosciences, Inc. (A)	619	18,155
Imago Biosciences, Inc. (A)	528	12,519
Immuneering Corp., Class A (A)	361	5,837
Immunic, Inc. (A)	341	3,263
ImmunityBio, Inc. (A)	6,612	40,201
ImmunoGen, Inc. (A)	3,467	25,725
Immunome, Inc. (A)	203	2,631
Immunovant, Inc. (A)	1,756	14,961
Impel Neuropharma, Inc. (A)	519	4,479
IN8bio, Inc. (A)	138	606
Incyte Corp. (A)	3,981	292,205
Indaptus Therapeutics, Inc. (A)	465	2,651
Infinity Pharmaceuticals, Inc. (A)	736	1,656
Inhibrx, Inc. (A)	678	29,608
Inmune Bio, Inc. (A)	473	4,825
Inovio Pharmaceuticals, Inc. (A)	3,313	16,532
Inozyme Pharma, Inc. (A)	748	5,101
Insmed, Inc. (A)	1,924	52,410
Instil Bio, Inc. (A)	2,107	36,051

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Intellia Therapeutics, Inc. (A)	1,264	\$ 149,455
Intercept Pharmaceuticals, Inc. (A)	671	10,931
Invitae Corp. (A)(B)	3,645	55,659
Ionis Pharmaceuticals, Inc. (A)	2,584	78,631
Ironwood Pharmaceuticals, Inc. (A)	3,112	36,286
iTeos Therapeutics, Inc. (A)	554	25,794
IVERIC bio, Inc. (A)	1,864	31,166
Janux Therapeutics, Inc. (A)	624	12,312
Jasper Therapeutics, Inc. (A)(B)	483	3,792
Jounce Therapeutics, Inc. (A)	886	7,398
KalVista Pharmaceuticals, Inc. (A)	368	4,869
Karuna Therapeutics, Inc. (A)	532	69,692
Keros Therapeutics, Inc. (A)	375	21,941
Kezar Life Sciences, Inc. (A)	542	9,062
Kinikac Pharmaceuticals, Ltd., Class A (A)	1,104	12,994
Kinnate Biopharma, Inc. (A)	602	10,667
Kiromic BioPharma, Inc. (A)	321	491
Kodiak Sciences, Inc. (A)	899	76,217
Kronos Bio, Inc. (A)	803	10,913
Krystal Biotech, Inc. (A)	389	27,211
Kura Oncology, Inc. (A)	1,043	14,602
Kymera Therapeutics, Inc. (A)	836	53,078
Lantern Pharma, Inc. (A)	11	88
Larimar Therapeutics, Inc. (A)	512	5,524
Leap Therapeutics, Inc. (A)	2,212	7,167
Lexicon Pharmaceuticals, Inc. (A)	2,562	10,094
Ligand Pharmaceuticals, Inc. (A)	309	47,728
Lineage Cell Therapeutics, Inc. (A)	2,770	6,787
LogicBio Therapeutics, Inc. (A)	1,123	2,594
Lumos Pharma, Inc. (A)	43	298
Lyell Immunopharma, Inc. (A)	3,921	30,349
MacroGenics, Inc. (A)	1,031	16,548
Madrigal Pharmaceuticals, Inc. (A)	323	27,371
Magenta Therapeutics, Inc. (A)	934	4,138
MannKind Corp. (A)	3,858	16,859
Marker Therapeutics, Inc. (A)	2,986	2,837
Matinas BioPharma Holdings, Inc. (A)	5,353	5,407
MediciNova, Inc. (A)	1,166	3,125
MEI Pharma, Inc. (A)	2,438	6,509
MeiraGTx Holdings PLC (A)	698	16,571
Mersana Therapeutics, Inc. (A)	1,237	7,694
Metacrine, Inc. (A)	1,025	691
Mirum Pharmaceuticals, Inc. (A)	659	10,511
Moderna, Inc. (A)	7,122	1,808,846
Molecular Templates, Inc. (A)	878	3,442
Moleculin Biotech, Inc. (A)	1,245	2,316
Monte Rosa Therapeutics, Inc. (A)	877	17,908
Morphic Holding, Inc. (A)	687	32,550
Mustang Bio, Inc. (A)	2,606	4,326
Myriad Genetics, Inc. (A)	1,496	41,290
Natera, Inc. (A)	1,602	149,611
Navidea Biopharmaceuticals, Inc. (A)	2,439	2,439
Neoleukin Therapeutics, Inc. (A)	455	2,193
NeuroBo Pharmaceuticals, Inc. (A)	905	1,104
Neurocrine Biosciences, Inc. (A)	1,740	148,196
NexImmune, Inc. (A)	293	1,351
NextCure, Inc. (A)	542	3,252
Nkarta, Inc. (A)	548	8,412
Northwest Biotherapeutics, Inc. (A)	11,656	8,159
Novavax, Inc. (A)	1,306	186,849
Nurix Therapeutics, Inc. (A)	723	20,931
Nuvalent, Inc., Class A (A)	753	14,337
Ocugen, Inc. (A)(B)	3,119	14,191
Olema Pharmaceuticals, Inc. (A)	587	5,494
Omega Therapeutics, Inc. (A)	709	8,033

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Oncocyte Corp. (A)	2,198	\$ 4,770
Oncorus, Inc. (A)	335	1,765
Oncosec Medical, Inc. (A)	2,111	2,026
Oncternal Therapeutics, Inc. (A)	1,525	3,462
OPKO Health, Inc. (A)	12,549	60,361
Organogenesis Holdings, Inc. (A)	2,172	20,069
Orgenesis, Inc. (A)	485	1,397
ORIC Pharmaceuticals, Inc. (A)	607	8,923
Outlook Therapeutics, Inc. (A)	2,083	2,833
Ovid therapeutics, Inc. (A)	572	1,836
Oyster Point Pharma, Inc. (A)	431	7,870
Passage Bio, Inc. (A)	825	5,239
PDL BioPharma, Inc. (A)(C)	1,734	3,104
PDS Biotechnology Corp. (A)	660	5,346
Pfenex, Inc. (A)(C)	763	836
PhaseBio Pharmaceuticals, Inc. (A)	1,586	4,139
Pieris Pharmaceuticals, Inc. (A)	1,728	6,532
PMV Pharmaceuticals, Inc. (A)	729	16,840
Point Biopharma Global, Inc. (A)	1,417	7,935
Poseida Therapeutics, Inc. (A)	1,586	10,801
Praxis Precision Medicines, Inc. (A)	714	14,066
Precigen, Inc. (A)	3,241	12,024
Precision BioSciences, Inc. (A)	1,182	8,747
Prelude Therapeutics, Inc. (A)	793	9,873
Progenics Pharmaceuticals, Inc. (A)(C)	1,955	83
Prometheus Biosciences, Inc. (A)	584	23,091
Protagonist Therapeutics, Inc. (A)	791	27,052
PTC Therapeutics, Inc. (A)	1,304	51,938
Puma Biotechnology, Inc. (A)	890	2,706
Rallybio Corp. (A)	455	4,341
RAPT Therapeutics, Inc. (A)	483	17,741
Recursion Pharmaceuticals, Inc., Class A (A)(B)	2,835	48,564
Regeneron Pharmaceuticals, Inc. (A)	1,892	1,194,836
REGENXBIO, Inc. (A)	794	25,964
Relay Therapeutics, Inc. (A)	1,768	54,295
Reneo Pharmaceuticals, Inc. (A)	651	5,566
Renovacor, Inc. (A)	158	1,217
Replimune Group, Inc. (A)	698	18,916
REVOLUTION Medicines, Inc. (A)	1,143	28,769
Rhythm Pharmaceuticals, Inc. (A)	820	8,184
Rigel Pharmaceuticals, Inc. (A)	3,503	9,283
Rocket Pharmaceuticals, Inc. (A)	1,021	22,288
Rubius Therapeutics, Inc. (A)	1,758	17,017
Sage Therapeutics, Inc. (A)	1,099	46,751
Sana Biotechnology, Inc. (A)	3,178	49,195
Sangamo Therapeutics, Inc. (A)	2,664	19,980
Sarepta Therapeutics, Inc. (A)	1,435	129,222
Savara, Inc. (A)	3,273	4,059
Scholar Rock Holding Corp. (A)	577	14,333
Scopus Biopharma, Inc. (A)	811	1,326
Seagen, Inc. (A)	3,236	500,286
Selecta Biosciences, Inc. (A)	1,916	6,246
SELLAS Life Sciences Group, Inc. (A)	418	2,312
Sensei Biotherapeutics, Inc. (A)	400	2,320
Sera Prognostics, Inc., Class A (A)	198	1,360
Seres Therapeutics, Inc. (A)	1,482	12,345
Shattuck Labs, Inc. (A)	541	4,604
Sierra Oncology, Inc. (A)	126	2,739
Sigilon Therapeutics, Inc. (A)	622	1,717
Silverback Therapeutics, Inc. (A)	919	6,121
Solid Biosciences, Inc. (A)	2,770	4,848
Spectrum Pharmaceuticals, Inc. (A)	2,679	3,402
Spero Therapeutics, Inc. (A)	578	9,254
SpringWorks Therapeutics, Inc. (A)	861	53,365

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Spruce Biosciences, Inc. (A)	208	\$ 928
SQZ Biotechnologies Company (A)	422	3,768
Stoke Therapeutics, Inc. (A)	722	17,321
Surface Oncology, Inc. (A)	690	3,298
Surrozen, Inc. (A)	420	2,705
Sutro Biopharma, Inc. (A)	635	9,449
Syndax Pharmaceuticals, Inc. (A)	646	14,141
Synergy Pharmaceuticals, Inc. (A)(C)	6,230	18
Synlogic, Inc. (A)	1,786	4,322
Synthetic Biologics, Inc. (A)	10,597	2,885
Syros Pharmaceuticals, Inc. (A)	1,778	5,796
Talaris Therapeutics, Inc. (A)	597	9,128
Tango Therapeutics, Inc. (A)	1,346	14,725
Taysha Gene Therapies, Inc. (A)	571	6,652
TCR2 Therapeutics, Inc. (A)	1,031	4,804
Tempest Therapeutics, Inc. (A)	96	507
Tenaya Therapeutics, Inc. (A)	631	11,957
Tracon Pharmaceuticals, Inc. (A)	986	2,731
Travere Therapeutics, Inc. (A)	1,004	31,164
Trevena, Inc. (A)	6,227	3,627
TScan Therapeutics, Inc. (A)	202	909
Turning Point Therapeutics, Inc. (A)	839	40,020
Twist Bioscience Corp. (A)	827	64,002
Tyra Biosciences, Inc. (A)(B)	661	9,300
Ultragenyx Pharmaceutical, Inc. (A)	1,226	103,094
United Therapeutics Corp. (A)	809	174,809
UNITY Biotechnology, Inc. (A)	783	1,143
UroGen Pharma, Ltd. (A)	495	4,707
Vaccinex, Inc. (A)	1,664	1,747
Vanda Pharmaceuticals, Inc. (A)	1,167	18,310
Vaxart, Inc. (A)	2,037	12,772
Vaxcyte, Inc. (A)	827	19,674
Vera Therapeutics, Inc. (A)	459	12,264
Veracyte, Inc. (A)	1,119	46,103
Verastem, Inc. (A)	2,859	5,861
Vericel Corp. (A)	881	34,623
Vertex Pharmaceuticals, Inc. (A)	4,630	1,016,748
Verve Therapeutics, Inc. (A)	788	29,054
Viking Therapeutics, Inc. (A)	1,686	7,756
Vir Biotechnology, Inc. (A)	2,250	94,208
Viracta Therapeutics, Inc. (A)	919	3,354
Viridian Therapeutics, Inc. (A)	323	6,386
Virios Therapeutics, Inc. (A)	639	3,272
Vor BioPharma, Inc. (A)	556	6,461
Voyager Therapeutics, Inc. (A)	1,312	3,556
Werewolf Therapeutics, Inc. (A)	346	4,121
X4 Pharmaceuticals, Inc. (A)	590	1,351
XBiotech, Inc.	761	8,470
Xencor, Inc. (A)	1,123	45,055
XOMA Corp. (A)	228	4,754
Yield10 Bioscience, Inc. (A)	575	2,829
Y-mAbs Therapeutics, Inc. (A)	853	13,827
Yumanity Therapeutics, Inc. (A)	211	625
Zentalis Pharmaceuticals, Inc. (A)	734	61,700
ZIOPHARM Oncology, Inc. (A)	4,026	4,388
		21,752,494
Health care equipment and supplies – 2.4%		
Abbott Laboratories	31,427	4,423,036
ABIOMED, Inc. (A)	813	292,005
Accelerate Diagnostics, Inc. (A)	1,138	5,940
Accuray, Inc. (A)	2,141	10,213
Acutus Medical, Inc. (A)	1,511	5,153
Align Technology, Inc. (A)	1,401	920,709
Alphatec Holdings, Inc. (A)	1,472	16,825
AngioDynamics, Inc. (A)	817	22,533

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Apollo Endosurgery, Inc. (A)	285	\$ 2,403
Apyx Medical Corp. (A)	740	9,487
Asensus Surgical, Inc. (A)	4,509	5,005
Aspira Women's Health, Inc. (A)	1,357	2,402
AtriCure, Inc. (A)	851	59,170
Atrion Corp.	38	26,786
Avanos Medical, Inc. (A)	963	33,387
Axogen, Inc. (A)	892	8,358
Axonics, Inc. (A)	681	38,136
Baxter International, Inc.	8,716	748,181
Becton, Dickinson and Company	4,994	1,255,891
BioLife Solutions, Inc. (A)	651	24,263
Bioventus, Inc., Class A (A)	978	14,171
Boston Scientific Corp. (A)	25,320	1,075,594
Cardiovascular Systems, Inc. (A)	748	14,047
Cerus Corp. (A)	3,177	21,635
ChemBio Diagnostics, Inc. (A)	638	727
Co-Diagnostics, Inc. (A)	301	2,688
CONMED Corp.	541	76,692
CryoLife, Inc. (A)	840	17,094
CryoPort, Inc. (A)	806	47,691
Cue Health, Inc. (A)(B)	2,236	29,985
Cutera, Inc. (A)	347	14,338
CVRx, Inc. (A)	171	2,091
CytoSorbents Corp. (A)	847	3,549
Dentsply Sirona, Inc.	3,957	220,761
DexCom, Inc. (A)	1,712	919,258
Eargo, Inc. (A)	924	4,712
Edwards Lifesciences Corp. (A)	11,060	1,432,823
Envista Holdings Corp. (A)	2,952	133,017
enVveno Medical Corp. (A)	432	2,847
Establishment Labs Holdings, Inc. (A)	465	31,429
Figs, Inc., Class A (A)(B)	2,715	74,825
Glaukos Corp. (A)	856	38,041
Globus Medical, Inc., Class A (A)	1,836	132,559
Haemonetics Corp. (A)	931	49,380
Heska Corp. (A)	175	31,936
Hologic, Inc. (A)	4,484	343,295
ICU Medical, Inc. (A)	389	92,325
IDEXX Laboratories, Inc. (A)	1,514	996,908
Inari Medical, Inc. (A)	835	76,210
Inogen, Inc. (A)	449	15,266
Insulet Corp. (A)	1,236	328,863
Integer Holdings Corp. (A)	625	53,494
Integra LifeSciences Holdings Corp. (A)	1,566	104,906
Intersect ENT, Inc. (A)	718	19,609
Intuitive Surgical, Inc. (A)	6,334	2,275,806
Invacare Corp. (A)	844	2,296
iRadimed Corp. (A)	275	12,708
iRhythm Technologies, Inc. (A)	538	63,317
Lantheus Holdings, Inc. (A)	1,287	37,181
LeMaitre Vascular, Inc.	458	23,005
Lucira Health, Inc. (A)	556	4,787
Masimo Corp. (A)	986	288,681
Meridian Bioscience, Inc. (A)	942	19,217
Merit Medical Systems, Inc. (A)	1,044	65,041
Mesa Laboratories, Inc.	96	31,497
Natus Medical, Inc. (A)	710	16,848
Neogen Corp. (A)	1,989	90,320
Neuronetics, Inc. (A)	394	1,757
NeuroPace, Inc. (A)	100	1,008
Nevro Corp. (A)	648	52,533
NuVasive, Inc. (A)	954	50,066
OraSure Technologies, Inc. (A)	1,505	13,078

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Ortho Clinical Diagnostics Holdings PLC (A)	3,734	\$ 79,870
Orthofix Medical, Inc. (A)	439	13,649
OrthoPediatrics Corp. (A)	364	21,789
Outset Medical, Inc. (A)	709	32,678
Owlet, Inc. (A)	1,547	4,130
PAVmed, Inc. (A)	1,090	2,681
Penumbra, Inc. (A)	660	189,631
PROCEPT BioRobotics Corp. (A)	603	15,081
Pulmonx Corp. (A)	486	15,586
Pulse Biosciences, Inc. (A)	394	5,835
Quidel Corp. (A)	751	101,377
ResMed, Inc.	2,565	668,131
Retractable Technologies, Inc. (A)	238	1,649
RxSight, Inc. (A)	159	1,789
SeaSpine Holdings Corp. (A)	591	8,049
Second Sight Medical Products, Inc. (A)	710	1,157
Senseonics Holdings, Inc. (A)(B)	7,349	19,622
Shockwave Medical, Inc. (A)	634	113,061
SI-BONE, Inc. (A)	650	14,437
Sientra, Inc. (A)	505	1,853
Sight Sciences, Inc. (A)	684	12,018
Silk Road Medical, Inc. (A)	667	28,421
SmileDirectClub, Inc. (A)(B)	7,305	17,167
STAAR Surgical Company (A)	849	77,514
Stereotaxis, Inc. (A)	1,565	9,703
Stryker Corp.	6,665	1,782,354
Surmodics, Inc. (A)	315	15,167
Tactile Systems Technology, Inc. (A)	415	7,897
Talis Biomedical Corp. (A)	773	3,100
Tandem Diabetes Care, Inc. (A)	1,121	168,733
Tela Bio, Inc. (A)	31	397
Teleflex, Inc.	846	277,894
The Cooper Companies, Inc.	853	357,356
TransMedics Group, Inc. (A)	477	9,139
Treace Medical Concepts, Inc. (A)	685	12,768
Utah Medical Products, Inc.	94	9,400
Vapotherm, Inc. (A)	424	8,781
Varex Imaging Corp. (A)	786	24,798
Venus Concept, Inc. (A)	2,267	3,854
Vicarious Surgical, Inc. (A)(B)	1,697	18,022
Zimmer Biomet Holdings, Inc.	3,741	475,257
		22,013,590
Health care providers and services – 2.5%		
ILife Healthcare, Inc. (A)	2,297	40,358
Acadia Healthcare Company, Inc. (A)	1,651	100,216
Accolade, Inc. (A)	974	25,675
Aceto Corp. (A)(C)	853	0
Addus HomeCare Corp. (A)	306	28,614
agilon health, Inc. (A)	6,679	180,333
Alignment Healthcare, Inc. (A)	3,052	42,911
Amedisys, Inc. (A)	587	95,024
AmerisourceBergen Corp.	3,564	473,620
AMN Healthcare Services, Inc. (A)	852	104,225
Anthem, Inc.	4,319	2,002,029
Apollo Medical Holdings, Inc. (A)	958	70,394
Apria, Inc. (A)	377	12,290
Aveanna Healthcare Holdings, Inc. (A)	2,590	19,166
Biodesix, Inc. (A)	239	1,264
Brookdale Senior Living, Inc. (A)	3,810	19,660
Cardinal Health, Inc.	5,208	268,160
Castle Biosciences, Inc. (A)	350	15,005
Centene Corp. (A)	10,348	852,675
Chemed Corp.	230	121,679
Cigna Corp.	6,046	1,388,343

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care providers and services (continued)		
Community Health Systems, Inc. (A)	2,429	\$ 32,330
CorVel Corp. (A)	325	67,600
Covetrus, Inc. (A)	2,407	48,068
Cross Country Healthcare, Inc. (A)	752	20,876
CVS Health Corp.	23,381	2,411,984
DaVita, Inc. (A)	1,875	213,300
Encompass Health Corp.	1,801	117,533
Five Star Senior Living, Inc. (A)	1,606	4,738
Fulgent Genetics, Inc. (A)	470	47,277
Guardant Health, Inc. (A)	1,818	181,836
Hanger, Inc. (A)	810	14,685
HCA Healthcare, Inc.	5,672	1,457,250
HealthEquity, Inc. (A)	1,482	65,564
Henry Schein, Inc. (A)	2,317	179,637
Humana, Inc.	2,280	1,057,601
InfuSystem Holdings, Inc. (A)	109	1,856
Innovage Holding Corp. (A)	1,986	9,930
Interpace Biosciences, Inc. (A)	276	2,062
Laboratory Corp. of America Holdings (A)	1,739	546,411
LHC Group, Inc. (A)	577	79,182
LifeStance Health Group, Inc. (A)(B)	6,301	59,986
Magellan Health, Inc. (A)	528	50,155
McKesson Corp.	2,699	670,890
MEDNAX, Inc. (A)	1,595	43,400
ModivCare, Inc. (A)	241	35,738
Molina Healthcare, Inc. (A)	1,044	332,076
National HealthCare Corp.	341	23,168
National Research Corp.	508	21,092
Oak Street Health, Inc. (A)	4,161	137,896
Ontrak, Inc. (A)	613	3,856
Option Care Health, Inc. (A)	3,251	92,458
Owens & Minor, Inc.	1,368	59,508
Patterson Companies, Inc.	1,841	54,033
PetIQ, Inc. (A)	575	13,058
Precipio, Inc. (A)	1,078	1,703
Premier, Inc., Class A	1,861	76,617
Privia Health Group, Inc. (A)	1,729	44,729
Progenity, Inc. (A)(B)	2,849	5,954
Progyny, Inc. (A)	1,614	81,265
Quest Diagnostics, Inc.	2,175	376,297
R1 RCM, Inc. (A)	4,729	120,542
RadNet, Inc. (A)	1,011	30,441
Select Medical Holdings Corp.	2,459	72,295
Signify Health, Inc., Class A (A)	3,684	52,386
Surgery Partners, Inc. (A)	1,393	74,400
Talkspace, Inc. (A)	2,060	4,058
Tenet Healthcare Corp. (A)	1,918	156,681
The Ensign Group, Inc.	1,028	86,311
The Joint Corp. (A)	267	17,539
The Pennant Group, Inc. (A)	613	14,148
Tivity Health, Inc. (A)	1,003	26,519
UnitedHealth Group, Inc.	16,542	8,306,400
Universal Health Services, Inc., Class B	1,496	193,971
US Physical Therapy, Inc.	274	26,181
		23,787,112
Health care technology – 0.3%		
Allscripts Healthcare Solutions, Inc. (A)	2,443	45,073
American Well Corp., Class A (A)	4,475	27,029
Castlight Health, Inc., B Shares (A)	3,656	5,630
Cerner Corp.	5,325	494,533
Certara, Inc. (A)	2,761	78,468
Change Healthcare, Inc. (A)	4,981	106,494
Computer Programs & Systems, Inc. (A)	332	9,728
Convey Health Solutions Holdings, Inc. (A)	707	5,911

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care technology (continued)		
Definitive Healthcare Corp. (A)(B)	2,482	\$ 67,833
Doximity, Inc., Class A (A)	3,282	164,527
Evolent Health, Inc., Class A (A)	1,650	45,656
GoodRx Holdings, Inc., Class A (A)(B)	7,028	229,675
Health Catalyst, Inc. (A)	714	28,289
HealthStream, Inc. (A)	704	18,557
HTG Molecular Diagnostics, Inc. (A)	68	369
Inspire Medical Systems, Inc. (A)	489	112,499
MultiPlan Corp. (A)	10,977	48,628
NantHealth, Inc. (A)	2,869	3,027
NextGen Healthcare, Inc. (A)	1,375	24,461
Omnicell, Inc. (A)	790	142,548
Phreesia, Inc. (A)	801	33,370
Schrodinger, Inc. (A)	1,147	39,950
Sema4 Holdings Corp. (A)	3,705	16,524
Sharecare, Inc. (A)	5,224	23,456
Simulations Plus, Inc.	395	18,684
Tabula Rasa HealthCare, Inc. (A)	474	7,110
Teladoc Health, Inc. (A)	2,766	253,974
Veeva Systems, Inc., Class A (A)	2,704	690,818
Vocera Communications, Inc. (A)	669	43,378
		2,786,199
Life sciences tools and services – 1.8%		
10X Genomics, Inc., Class A (A)	1,989	296,281
Absci Corp. (A)(B)	1,492	12,234
Adaptive Biotechnologies Corp. (A)	2,619	73,489
Agilent Technologies, Inc.	5,388	860,194
Akoya Biosciences, Inc. (A)	324	4,960
Alpha Teknova, Inc. (A)	345	7,066
Avantor, Inc. (A)	10,429	439,478
Berkeley Lights, Inc. (A)	1,103	20,053
Bionano Genomics, Inc. (A)(B)	4,957	14,821
Bio-Rad Laboratories, Inc., Class A (A)	500	377,785
Bio-Techne Corp.	704	364,207
Bruker Corp.	2,721	228,319
Charles River Laboratories International, Inc. (A)	906	341,363
Codex DNA, Inc. (A)	223	2,408
Codexis, Inc. (A)	1,214	37,962
Cytex Biosciences, Inc. (A)	1,914	31,236
Danaher Corp.	12,585	4,140,591
Fluidigm Corp. (A)	1,624	6,366
ICON PLC (A)	19	5,884
illumina, Inc. (A)	2,602	989,905
Inotiv, Inc. (A)	218	9,171
IQVIA Holdings, Inc. (A)	3,420	964,919
Maravai LifeSciences Holdings, Inc., Class A (A)	4,598	192,656
Medpace Holdings, Inc. (A)	647	140,813
Mettler-Toledo International, Inc. (A)	413	700,948
Miromatrix Medical, Inc. (A)	173	804
NanoString Technologies, Inc. (A)	769	32,475
NeoGenomics, Inc. (A)	2,242	76,497
Pacific Biosciences of California, Inc. (A)	3,737	76,459
PerkinElmer, Inc.	2,144	431,073
Personalis, Inc. (A)	696	9,932
Quanterix Corp. (A)	548	23,235
Rapid Micro Biosystems, Inc., Class A (A)	438	4,660
Repligen Corp. (A)	982	260,073
Seer, Inc. (A)	912	20,803
Singular Genomics Systems, Inc. (A)	1,117	12,913
SomaLogic, Inc. (A)	2,875	33,465
Sotera Health Company (A)	5,138	121,000
Syneos Health, Inc. (A)	1,866	191,601
Thermo Fisher Scientific, Inc.	6,898	4,602,622

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Life sciences tools and services (continued)		
Waters Corp. (A)	1,097	\$ 408,742
West Pharmaceutical Services, Inc.	1,314	616,279
		17,185,742
Pharmaceuticals – 3.1%		
9 Meters Biopharma, Inc. (A)	6,618	6,477
Aclaris Therapeutics, Inc. (A)	1,008	14,656
Aerie Pharmaceuticals, Inc. (A)	991	6,957
Agile Therapeutics, Inc. (A)	5,254	2,564
Alexza Pharmaceuticals, Inc. (A)(C)	2,067	72
Amneal Pharmaceuticals, Inc. (A)	5,989	28,687
Amphastar Pharmaceuticals, Inc. (A)	1,078	25,107
Ampio Pharmaceuticals, Inc. (A)	2,637	1,503
Angion Biomedica Corp. (A)	423	1,227
ANI Pharmaceuticals, Inc. (A)	272	12,534
Antares Pharma, Inc. (A)	3,736	13,338
Aquestive Therapeutics, Inc. (A)	966	3,758
Arvinas, Inc. (A)	830	68,176
Atea Pharmaceuticals, Inc. (A)	1,534	13,714
Athira Pharma, Inc. (A)	794	10,346
Axsome Therapeutics, Inc. (A)	694	26,219
Aytu BioPharma, Inc. (A)	92	124
Baudax Bio, Inc. (A)	4,631	1,015
BioDelivery Sciences International, Inc. (A)	2,072	6,423
Bristol-Myers Squibb Company	39,443	2,459,271
Cara Therapeutics, Inc. (A)	906	11,035
Cassava Sciences, Inc. (A)(B)	680	29,716
Catalent, Inc. (A)	3,053	390,876
cbdMD, Inc. (A)	231	249
Clearside Biomedical, Inc. (A)	745	2,049
Clever Leaves Holdings, Inc. (A)	99	307
CNS Pharmaceuticals, Inc. (A)	3,118	2,190
Collegium Pharmaceutical, Inc. (A)	742	13,861
Corcept Therapeutics, Inc. (A)	2,211	43,778
DICE Therapeutics, Inc. (A)	507	12,832
Dova Pharmaceuticals, Inc. (A)(C)	702	0
Durect Corp. (A)	4,211	4,152
Edgewise Therapeutics, Inc. (A)	725	11,078
Elanco Animal Health, Inc. (A)	7,996	226,926
Elanco Animal Health, Inc. (A)(C)	1,239	0
Eli Lilly & Company	16,920	4,673,642
Eloxx Pharmaceuticals, Inc. (A)	3,360	2,352
Endo International PLC (A)	4,250	15,980
Esperion Therapeutics, Inc. (A)	591	2,955
Evoform Biosciences, Inc. (A)(B)	6,577	2,470
Evolus, Inc. (A)	1,243	8,092
Eyenovia, Inc. (A)	1,099	4,396
Fulcrum Therapeutics, Inc. (A)	625	11,056
Graybug Vision, Inc. (A)	949	1,737
Harmony Biosciences Holdings, Inc. (A)	852	36,329
Harrow Health, Inc. (A)	642	5,547
Hoth Therapeutics, Inc. (A)	3,937	2,594
Ikena Oncology, Inc. (A)	556	6,972
IMARA, Inc. (A)	1,085	2,441
Innoviva, Inc. (A)	1,418	24,461
Jaguar Health, Inc. (A)	1,652	1,718
Johnson & Johnson	46,514	7,957,150
Kala Pharmaceuticals, Inc. (A)	1,156	1,399
Kaleido Biosciences, Inc. (A)	768	1,836
Kiora Pharmaceuticals, Inc. (A)	1,182	1,785
Landos Biopharma, Inc. (A)	554	2,659
Lannett Company, Inc. (A)	920	1,490
Liquidia Corp. (A)	907	4,417
Longboard Pharmaceuticals, Inc. (A)	471	2,280
Lyra Therapeutics, Inc. (A)	554	2,415

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Marinus Pharmaceuticals, Inc. (A)	569	\$ 6,760
Merck & Company, Inc.	44,288	3,394,232
MyMD Pharmaceuticals, Inc. (A)	531	3,218
Nektar Therapeutics (A)	3,478	46,988
NGM Biopharmaceuticals, Inc. (A)	1,448	25,644
Ocular Therapeutix, Inc. (A)	1,256	8,754
Odonate Therapeutics, Inc. (A)	1,742	2,352
Omeros Corp. (A)	1,206	7,755
Onconova Therapeutics, Inc. (A)	947	2,415
Optinose, Inc. (A)	2,082	3,373
Oramed Pharmaceuticals, Inc. (A)	522	7,454
Organon & Company	4,542	138,304
Osmotica Pharmaceuticals PLC (A)	2,331	2,517
Otonomy, Inc. (A)	2,342	4,871
Pacira BioSciences, Inc. (A)	844	50,783
Palisade Bio, Inc. (A)	1,200	1,560
Paratek Pharmaceuticals, Inc. (A)	901	4,045
Pfizer, Inc.	98,935	5,842,112
Phathom Pharmaceuticals, Inc. (A)	484	9,520
Phibro Animal Health Corp., Class A	851	17,377
Pliant Therapeutics, Inc. (A)	485	6,548
PLx Pharma, Inc. (A)	510	4,085
Prestige Consumer Healthcare, Inc. (A)	936	56,768
Prevail Therapeutics, Inc. (A)(C)	788	394
Provention Bio, Inc. (A)	1,551	8,717
Rain Therapeutics, Inc. (A)	373	4,804
Rani Therapeutics Holdings, Inc., Class A (A)(B)	774	12,655
Reata Pharmaceuticals, Inc., Class A (A)	634	16,719
Relmada Therapeutics, Inc. (A)	215	4,844
Revance Therapeutics, Inc. (A)	1,139	18,588
Royalty Pharma PLC, Class A	10,381	413,683
Satsuma Pharmaceuticals, Inc. (A)	287	1,292
scPharmaceuticals, Inc. (A)	172	863
SCYNEXIS, Inc. (A)	751	4,581
Seelos Therapeutics, Inc. (A)	2,723	4,438
SIGA Technologies, Inc. (A)	1,703	12,807
Supernus Pharmaceuticals, Inc. (A)	1,044	30,443
Tarsus Pharmaceuticals, Inc. (A)	267	6,008
Terns Pharmaceuticals, Inc. (A)	403	2,849
TFF Pharmaceuticals, Inc. (A)	273	2,422
Tilray, Inc., Class 2 (A)(B)	7,922	55,692
Tobira Therapeutics, Inc. (A)(C)	609	2,521
Tricida, Inc. (A)	1,068	10,210
Vallon Pharmaceuticals, Inc. (A)	476	2,846
Verrica Pharmaceuticals, Inc. (A)	659	6,036
Viatris, Inc.	21,862	295,793
Virpax Pharmaceuticals, Inc. (A)	556	1,907
VYNE Therapeutics, Inc. (A)	2,528	2,579
Xeris Biopharma Holdings, Inc. (A)	2,993	8,769
Zoetis, Inc.	8,323	2,031,062
Zogenix, Inc. (A)	961	15,616
Zomedica Corp. (A)	11,482	3,519
Zynerba Pharmaceuticals, Inc. (A)	1,171	3,372
		28,862,854
		116,387,991
Industrials – 8.3%		
Aerospace and defense – 1.2%		
AAR Corp. (A)	757	29,546
Aerojet Rocketdyne Holdings, Inc.	1,530	71,543
AeroVironment, Inc. (A)	487	30,209
Applied Energetics, Inc. (A)	2,713	6,511
Archer Aviation, Inc., Class A (A)	3,543	21,400
Astra Space, Inc. (A)	4,206	29,148
Astronics Corp. (A)	623	7,476

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
Axon Enterprise, Inc. (A)	1,184	\$ 185,888
BWX Technologies, Inc.	1,819	87,094
Curtiss-Wright Corp.	780	108,163
Ducommun, Inc. (A)	268	12,534
General Dynamics Corp.	4,907	1,022,962
HEICO Corp.	160	23,075
HEICO Corp., Class A	2,183	280,559
Hexcel Corp. (A)	1,553	80,445
Howmet Aerospace, Inc.	7,729	246,014
Huntington Ingalls Industries, Inc.	592	110,550
Kaman Corp.	587	25,329
Kratos Defense & Security Solutions, Inc. (A)	2,288	44,387
L3Harris Technologies, Inc.	3,534	753,590
Lockheed Martin Corp.	4,781	1,699,215
Maxar Technologies, Inc.	1,313	38,773
Mercury Systems, Inc. (A)	1,052	57,923
Momentus, Inc. (A)	826	3,453
Moog, Inc., Class A	671	54,331
National Presto Industries, Inc.	169	13,863
Northrop Grumman Corp.	2,736	1,059,024
PAE, Inc. (A)	1,340	13,306
Park Aerospace Corp.	561	7,405
Parsons Corp. (A)	1,963	66,055
Raytheon Technologies Corp.	26,820	2,308,129
Redwire Corp. (A)	767	5,177
Spirit AeroSystems Holdings, Inc., Class A	1,918	82,647
Textron, Inc.	4,054	312,969
The Boeing Company (A)	10,367	2,087,084
TransDigm Group, Inc. (A)	987	628,008
Triumph Group, Inc. (A)	1,030	19,086
Vectrus, Inc. (A)	260	11,900
		11,644,771
Air freight and logistics – 0.6%		
Air Transport Services Group, Inc. (A)	1,293	37,988
Atlas Air Worldwide Holdings, Inc. (A)	480	45,178
CH Robinson Worldwide, Inc.	2,237	240,768
Expeditors International of Washington, Inc.	2,817	378,295
FedEx Corp.	4,736	1,224,919
Forward Air Corp.	567	68,658
GXO Logistics, Inc. (A)	1,949	177,028
Hub Group, Inc., Class A (A)	691	58,210
United Parcel Service, Inc., Class B	15,449	3,311,339
		5,542,383
Airlines – 0.2%		
Alaska Air Group, Inc. (A)	2,366	123,269
Allegiant Travel Company (A)	324	60,601
American Airlines Group, Inc. (A)(B)	11,117	199,661
Delta Air Lines, Inc. (A)	11,545	451,179
Frontier Group Holdings, Inc. (A)	3,244	44,021
Hawaiian Holdings, Inc. (A)	993	18,241
JetBlue Airways Corp. (A)	6,077	86,536
Joby Aviation, Inc. (A)(B)	10,208	74,518
Mesa Air Group, Inc. (A)	734	4,110
SkyWest, Inc. (A)	1,002	39,379
Southwest Airlines Company (A)	10,730	459,673
Spirit Airlines, Inc. (A)	1,541	33,671
Sun Country Airlines Holdings, Inc. (A)	623	16,977
United Airlines Holdings, Inc. (A)	5,481	239,958
Wheels Up Experience, Inc. (A)	3,103	14,398
		1,866,192
Building products – 0.5%		
A.O. Smith Corp.	2,908	249,652

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Building products (continued)		
AAON, Inc.	1,042	\$ 82,766
Advanced Drainage Systems, Inc.	1,300	176,969
American Woodmark Corp. (A)	357	23,276
Apogee Enterprises, Inc.	557	26,820
Armstrong World Industries, Inc.	856	99,399
Builders FirstSource, Inc. (A)	3,718	318,670
Carlisle Companies, Inc.	734	182,120
Carrier Global Corp.	15,459	838,496
Cornerstone Building Brands, Inc. (A)	2,433	42,432
CSW Industrials, Inc.	335	40,488
Fortune Brands Home & Security, Inc.	2,535	270,992
Gibraltar Industries, Inc. (A)	643	42,875
Griffon Corp.	1,054	30,018
Insteel Industries, Inc.	400	15,924
JELD-WEN Holding, Inc. (A)	1,838	48,450
Johnson Controls International PLC	12,169	989,461
Lennox International, Inc.	691	224,133
Masco Corp.	4,518	317,254
Owens Corning	1,903	172,222
PGT Innovations, Inc. (A)	1,295	29,125
Quanex Building Products Corp.	554	13,728
Resideo Technologies, Inc. (A)	2,640	68,719
Simpson Manufacturing Company, Inc.	858	119,322
The AZEK Company, Inc. (A)	2,505	115,831
Trex Company, Inc. (A)	2,066	278,972
UFP Industries, Inc.	1,175	108,112
Zurn Water Solutions Corp.	2,268	82,555
		5,008,781
Commercial services and supplies – 0.6%		
ABM Industries, Inc.	1,258	51,389
ACCO Brands Corp.	2,109	17,420
ACV Auctions, Inc., Class A (A)	2,502	47,138
ADT, Inc.	13,826	116,277
Aqua Metals, Inc. (A)	407	501
Brady Corp., Class A	1,093	58,913
BrightView Holdings, Inc. (A)	2,167	30,511
Casella Waste Systems, Inc., Class A (A)	1,031	88,068
CECO Environmental Corp. (A)	931	5,800
Charah Solutions, Inc. (A)	247	1,168
Cintas Corp.	1,839	814,990
Civeo Corp. (A)	76	1,457
Clean Harbors, Inc. (A)	1,074	107,153
Copart, Inc. (A)	4,174	632,862
CoreCivic, Inc. (A)	2,321	23,140
Deluxe Corp.	840	26,972
Driven Brands Holdings, Inc. (A)	2,702	90,841
Ennis, Inc.	594	11,601
Harsco Corp. (A)	1,705	28,491
Healthcare Services Group, Inc.	1,493	26,560
Heritage-Crystal Clean, Inc. (A)	532	17,035
HNI Corp.	862	36,247
IAA, Inc. (A)	2,440	123,513
Interface, Inc.	1,167	18,614
KAR Auction Services, Inc. (A)	2,327	36,348
Kimball International, Inc., Class B	828	8,470
Matthews International Corp., Class A	680	24,936
MillerKnoll, Inc.	1,430	56,042
Montrose Environmental Group, Inc. (A)	443	31,236
MSA Safety, Inc.	721	108,842
NL Industries, Inc.	1,334	9,872
Performant Financial Corp. (A)	374	901
Pitney Bowes, Inc.	3,538	23,457
Quad/Graphics, Inc. (A)	1,350	5,400
Republic Services, Inc.	5,240	730,718
Rollins, Inc.	8,852	302,827

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
RR Donnelley & Sons Company (A)	1,358	\$ 15,291
SP Plus Corp. (A)	517	14,590
Steelcase, Inc., Class A	2,379	27,882
Stericycle, Inc. (A)	1,811	108,008
Team, Inc. (A)	728	794
Tetra Tech, Inc.	1,023	173,705
The Brink's Company	928	60,849
UniFirst Corp.	321	67,538
US Ecology, Inc. (A)	492	15,714
Viad Corp. (A)	446	19,084
Vidler Water Resources, Inc. (A)	513	6,197
VSE Corp.	270	16,454
Waste Management, Inc.	7,307	1,219,538
		5,461,354
Construction and engineering – 0.2%		
AECOM (A)	2,658	205,596
Ameresco, Inc., Class A (A)	941	76,635
Arcosa, Inc.	870	45,849
Argan, Inc.	361	13,967
Comfort Systems USA, Inc.	686	67,873
Construction Partners, Inc., Class A (A)	1,071	31,498
Dycom Industries, Inc. (A)	581	54,475
EMCOR Group, Inc.	901	114,778
Fluor Corp. (A)	2,601	64,427
Granite Construction, Inc.	919	35,565
Great Lakes Dredge & Dock Corp. (A)	1,462	22,983
IES Holdings, Inc. (A)	478	24,206
Infrastructure and Energy Alternatives, Inc. (A)	472	4,342
INNOVATE Corp. (A)	406	1,502
MasTec, Inc. (A)	1,330	122,732
Matrix Service Company (A)	663	4,986
MYR Group, Inc. (A)	327	36,150
Northwest Pipe Company (A)	252	8,014
Orbital Energy Group, Inc. (A)	635	1,391
Orion Group Holdings, Inc. (A)	985	3,713
Primoris Services Corp.	1,046	25,083
Quanta Services, Inc.	2,499	286,535
Sterling Construction Company, Inc. (A)	650	17,095
Tutor Perini Corp. (A)	1,152	14,250
Valmont Industries, Inc.	334	83,667
WillScot Mobile Mini Holdings Corp. (A)	4,093	167,158
		1,534,470
Electrical equipment – 0.6%		
Acuity Brands, Inc.	643	136,136
Allied Motion Technologies, Inc.	333	12,151
American Superconductor Corp. (A)	626	6,811
AMETEK, Inc.	4,078	599,629
Array Technologies, Inc. (A)	2,316	36,338
Atkore, Inc. (A)	821	91,287
AZZ, Inc.	556	30,741
Babcock & Wilcox Enterprises, Inc. (A)	1,048	9,453
BitNile Holdings, Inc. (A)	1,563	1,860
Blink Charging Company (A)(B)	696	18,451
Bloom Energy Corp., Class A (A)	2,966	65,044
ChargePoint Holdings, Inc. (A)(B)	5,450	103,823
Eaton Corp. PLC	7,027	1,214,406
Emerson Electric Company	10,705	995,244
Encore Wire Corp.	377	53,949
Energous Corp. (A)	2,335	2,919
EnerSys	815	64,434
Enovix Corp. (A)	2,439	66,536
FTC Solar, Inc. (A)	1,092	8,256
FuelCell Energy, Inc. (A)	6,301	32,765
Generac Holdings, Inc. (A)	1,079	379,722

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electrical equipment (continued)		
GrafTech International, Ltd.	4,843	\$ 57,293
Hubbell, Inc.	956	199,106
nVent Electric PLC	3,080	117,040
Ocean Power Technologies, Inc. (A)	567	839
Orion Energy Systems, Inc. (A)	915	3,312
Plug Power, Inc. (A)	10,058	283,937
Powell Industries, Inc.	287	8,464
Preformed Line Products Company	126	8,152
Regal Rexnord Corp.	1,214	206,599
Rockwell Automation, Inc.	1,995	695,956
Shoals Technologies Group, Inc., Class A (A)	2,743	66,655
Sunrun, Inc. (A)	3,673	125,984
Sunworks, Inc. (A)	246	755
Thermon Group Holdings, Inc. (A)	751	12,714
TPI Composites, Inc. (A)	773	11,564
Vicor Corp. (A)	789	100,187
		5,828,512
Industrial conglomerates – 0.8%		
3M Company	10,244	1,819,642
General Electric Company	19,462	1,838,575
Honeywell International, Inc.	12,207	2,545,282
Icahn Enterprises LP	4,276	212,047
Roper Technologies, Inc.	1,825	897,645
		7,313,191
Machinery – 1.6%		
AGCO Corp.	1,382	160,340
Agrify Corp. (A)	374	3,441
Alamo Group, Inc.	239	35,176
Albany International Corp., Class A	621	54,927
Allison Transmission Holdings, Inc.	1,324	48,127
Altra Industrial Motion Corp.	1,239	63,895
Astec Industries, Inc.	493	34,150
Barnes Group, Inc.	1,066	49,665
Berkshire Grey, Inc. (A)	3,321	18,266
Caterpillar, Inc.	9,735	2,012,614
Chart Industries, Inc. (A)	655	104,466
CIRCOR International, Inc. (A)	461	12,530
Colfax Corp. (A)	2,476	113,822
Columbus McKinnon Corp.	532	24,610
Commercial Vehicle Group, Inc. (A)	856	6,899
Crane Company	1,111	113,022
Cummins, Inc.	2,359	514,592
Deere & Company	5,348	1,833,776
Donaldson Company, Inc.	2,191	129,839
Douglas Dynamics, Inc.	435	16,991
Dover Corp.	2,215	402,244
Energy Recovery, Inc. (A)	1,211	26,024
Energypac Tool Group Corp.	1,293	26,222
EnPro Industries, Inc.	426	46,890
ESCO Technologies, Inc.	519	46,705
Evoqua Water Technologies Corp. (A)	2,177	101,775
Federal Signal Corp.	1,215	52,658
Flowerserve Corp.	2,471	75,613
Fortive Corp.	6,140	468,421
Franklin Electric Company, Inc.	926	87,563
Gates Industrial Corp. PLC (A)	5,553	88,348
Gencor Industries, Inc. (A)	428	4,935
Graco, Inc.	3,250	262,015
Graham Corp.	310	3,856
Helios Technologies, Inc.	627	65,942
Hillenbrand, Inc.	1,455	75,645
Hillman Solutions Corp. (A)	2,499	26,864
Hurco Companies, Inc.	183	5,435
Hydrofarm Holdings Group, Inc. (A)	570	16,125

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
Hyster-Yale Materials Handling, Inc.	296	\$ 12,166
Hyzon Motors, Inc. (A)(B)	3,912	25,389
IDEX Corp.	1,049	247,900
Illinois Tool Works, Inc.	5,437	1,341,852
Ingersoll Rand, Inc.	7,599	470,150
ITT, Inc.	1,610	164,526
John Bean Technologies Corp.	615	94,439
Kadant, Inc.	213	49,092
Kennametal, Inc.	1,628	58,461
LB Foster Company, Class A (A)	298	4,098
Lincoln Electric Holdings, Inc.	1,032	143,933
Lindsay Corp.	215	32,680
Markforged Holding Corp. (A)	2,754	14,789
Mayville Engineering Company, Inc. (A)	522	7,783
Meritor, Inc. (A)	1,344	33,304
Microvast Holdings, Inc. (A)(B)	5,831	33,003
Miller Industries, Inc.	293	9,786
Mueller Industries, Inc.	1,081	64,168
Mueller Water Products, Inc., Class A	3,308	47,635
Nikola Corp. (A)(B)	6,833	67,442
NN, Inc. (A)	766	3,141
Nordson Corp.	853	217,745
Omega Flex, Inc.	223	28,310
Oshkosh Corp.	1,251	141,000
Otis Worldwide Corp.	7,399	644,231
PACCAR, Inc.	5,813	513,055
Parker-Hannifin Corp.	2,269	721,814
Park-Ohio Holdings Corp.	316	6,690
Proto Labs, Inc. (A)	533	27,370
RBC Bearings, Inc. (A)	524	105,832
REV Group, Inc.	1,210	17,122
Sarcos Technology and Robotics Corp. (A)(B)	1,472	14,691
Snap-on, Inc.	835	179,842
SPX Corp. (A)	887	52,936
SPX FLOW, Inc.	803	69,443
Standex International Corp.	280	30,985
Stanley Black & Decker, Inc.	2,953	556,995
Tennant Company	380	30,795
Terex Corp.	1,289	56,652
The Eastern Company	202	5,082
The Gorman-Rupp Company	603	26,864
The Greenbrier Companies, Inc.	586	26,892
The Manitowoc Company, Inc. (A)	748	13,905
The Middleby Corp. (A)	1,012	199,121
The Shyft Group, Inc.	699	34,342
The Timken Company	1,435	99,431
The Toro Company	1,973	197,122
Titan International, Inc. (A)	1,489	16,319
Trinity Industries, Inc.	1,995	60,249
Wabash National Corp.	1,110	21,667
Wabtec Corp.	3,459	318,608
Watts Water Technologies, Inc., Class A	551	106,988
Welbilt, Inc. (A)	2,649	62,967
Woodward, Inc.	1,184	129,601
Xos, Inc. (A)	2,320	7,308
Xylem, Inc.	3,301	395,856
		15,297,995
Marine – 0.0%		
Eagle Bulk Shipping, Inc.	275	12,513
Kirby Corp. (A)	1,165	69,224
Matson, Inc.	725	65,272
		147,009
Professional services – 0.5%		
Acacia Research Corp. (A)	1,357	6,961

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Professional services (continued)		
ASGN, Inc. (A)	958	\$ 118,217
Barrett Business Services, Inc.	173	11,947
BlackSky Technology, Inc. (A)	1,388	6,232
Booz Allen Hamilton Holding Corp.	2,443	207,142
CACI International, Inc., Class A (A)	328	88,301
CBIZ, Inc. (A)	1,073	41,976
CoStar Group, Inc. (A)	7,050	557,162
CRA International, Inc.	162	15,124
Dun & Bradstreet Holdings, Inc. (A)	7,238	148,307
Equifax, Inc.	2,170	635,354
Exponent, Inc.	947	110,543
First Advantage Corp. (A)	2,261	43,049
Forrester Research, Inc. (A)	420	24,667
Franklin Covey Company (A)	312	14,464
FTI Consulting, Inc. (A)	466	71,494
Heidrick & Struggles International, Inc.	421	18,410
Huron Consulting Group, Inc. (A)	468	23,353
ICF International, Inc.	377	38,661
Insperty, Inc.	704	83,149
Jacobs Engineering Group, Inc.	2,341	325,937
KBR, Inc.	2,611	124,336
Kelly Services, Inc., Class A	813	13,634
Kforce, Inc.	412	30,991
Korn Ferry	1,010	76,487
LegalZoom.com, Inc. (A)(B)	3,194	51,328
Leidos Holdings, Inc.	2,555	227,140
ManpowerGroup, Inc.	989	96,259
ManTech International Corp., Class A	785	57,250
Mistras Group, Inc. (A)	754	5,602
Red Violet, Inc. (A)	54	2,143
Resources Connection, Inc.	781	13,933
Robert Half International, Inc.	2,007	223,821
Science Applications International Corp.	855	71,469
Spire Global, Inc. (A)	2,065	6,980
Sterling Check Corp. (A)	1,453	29,801
TransUnion	3,432	406,967
TriNet Group, Inc. (A)	1,183	112,693
TrueBlue, Inc. (A)	739	20,448
Upwork, Inc. (A)	2,277	77,782
Verisk Analytics, Inc.	2,863	654,854
Willdan Group, Inc. (A)	264	9,293
		4,903,661
Road and rail – 1.1%		
AMERCO	313	227,310
ArcBest Corp.	474	56,809
Avis Budget Group, Inc. (A)	1,000	207,370
Canadian Pacific Railway, Ltd.	4,793	344,808
Covenant Logistics Group, Inc. (A)	436	11,523
CSX Corp.	40,431	1,520,206
Daseke, Inc. (A)	1,184	11,887
Heartland Express, Inc.	1,522	25,600
HyreCar, Inc. (A)	233	1,097
JB Hunt Transport Services, Inc.	1,930	394,492
Knight-Swift Transportation Holdings, Inc.	3,037	185,075
Landstar System, Inc.	521	93,269
Lyft, Inc., Class A (A)	5,983	255,654
Marten Transport, Ltd.	1,666	28,589
Norfolk Southern Corp.	4,396	1,308,733
Old Dominion Freight Line, Inc.	1,964	703,858
P.A.M. Transportation Services, Inc. (A)	239	16,971
Ryder System, Inc.	1,009	83,172
Saia, Inc. (A)	476	160,426
Schneider National, Inc., Class B	3,485	93,781
TuSimple Holdings, Inc., Class A (A)	3,576	128,200
Uber Technologies, Inc. (A)	33,348	1,398,282

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Road and rail (continued)		
Union Pacific Corp.	11,223	\$ 2,827,410
Universal Logistics Holdings, Inc.	647	12,202
Werner Enterprises, Inc.	973	46,373
XPO Logistics, Inc. (A)	1,938	150,059
Yellow Corp. (A)	875	11,016
		10,304,172
Trading companies and distributors – 0.4%		
AeroCentury Corp.	37	2,209
Air Lease Corp.	2,130	94,210
Alta Equipment Group, Inc. (A)	98	1,435
Applied Industrial Technologies, Inc.	732	75,176
Beacon Roofing Supply, Inc. (A)	1,363	78,168
BlueLinx Holdings, Inc. (A)	138	13,215
Boise Cascade Company	747	53,186
Core & Main, Inc., Class A (A)	3,569	108,283
DXP Enterprises, Inc. (A)	424	10,884
EVI Industries, Inc. (A)	281	8,776
Fastenal Company	10,444	669,043
Fortress Transportation & Infrastructure Investors LLC	1,753	50,697
GATX Corp.	601	62,618
Global Industrial Company	777	31,779
GMS, Inc. (A)	822	49,410
H&E Equipment Services, Inc.	697	30,856
Herc Holdings, Inc.	532	83,285
Lawson Products, Inc. (A)	105	5,749
McGrath RentCorp	476	38,204
MRC Global, Inc. (A)	1,850	12,728
MSC Industrial Direct Company, Inc., Class A	705	59,262
NOW, Inc. (A)	2,251	19,224
Rush Enterprises, Inc., Class A	1,071	59,590
SiteOne Landscape Supply, Inc. (A)	801	194,066
Textainer Group Holdings, Ltd.	934	33,353
Titan Machinery, Inc. (A)	513	17,283
United Rentals, Inc. (A)	1,287	427,657
Univar Solutions, Inc. (A)	3,249	92,109
Veritiv Corp. (A)	274	33,584
W.W. Grainger, Inc.	838	434,285
Watsco, Inc.	731	228,715
WESCO International, Inc. (A)	915	120,405
		3,199,444
		78,051,935
Information technology – 26.7%		
Communications equipment – 0.9%		
ADTRAN, Inc.	1,000	22,830
Airspan Networks Holdings, Inc. (A)	603	2,285
Applied Optoelectronics, Inc. (A)	524	2,693
Arista Networks, Inc. (A)	5,452	783,725
Aviat Networks, Inc. (A)	36	1,155
CalAmp Corp. (A)	820	5,789
Calix, Inc. (A)	1,143	91,406
Cambium Networks Corp. (A)	562	14,404
Casa Systems, Inc. (A)	2,022	11,465
Ciena Corp. (A)	2,792	214,900
Cisco Systems, Inc.	74,769	4,738,112
Clearfield, Inc. (A)	289	24,397
CommScope Holding Company, Inc. (A)	3,833	42,316
Comtech Telecommunications Corp.	548	12,982
Digi International, Inc. (A)	683	16,781
DZS, Inc. (A)	566	9,181
EMCORE Corp. (A)	60	419
Extreme Networks, Inc. (A)	2,573	40,396
F5, Inc. (A)	1,082	264,776

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Communications equipment (continued)		
Harmonic, Inc. (A)	2,066	\$ 24,296
Infinera Corp. (A)	3,517	33,728
Inseego Corp. (A)	1,798	10,482
Juniper Networks, Inc.	5,594	199,762
KVH Industries, Inc. (A)	504	4,632
Lantronix, Inc. (A)	53	415
Lumentum Holdings, Inc. (A)	1,347	142,472
Motorola Solutions, Inc.	2,893	786,028
NETGEAR, Inc. (A)	654	19,103
NetScout Systems, Inc. (A)	1,447	47,867
Plantronics, Inc. (A)	804	23,589
Powerwave Technologies, Inc. (A)(C)	912	0
Resonant, Inc. (A)	553	946
Ribbon Communications, Inc. (A)	2,627	15,893
Ubiquiti, Inc.	1,124	344,731
ViaSat, Inc. (A)	1,289	57,412
Viavi Solutions, Inc. (A)	4,348	76,612
Vislink Technologies, Inc. (A)	1,137	1,342
		8,089,322
Electronic equipment, instruments and components – 0.7%		
908 Devices, Inc. (A)	290	7,502
Advanced Energy Industries, Inc.	715	65,108
AEye, Inc. (A)	2,196	10,629
Akoustis Technologies, Inc. (A)	872	5,825
Amphenol Corp., Class A	10,476	916,231
Arlo Technologies, Inc. (A)	1,497	15,704
Arrow Electronics, Inc. (A)	1,017	136,553
Avnet, Inc.	1,858	76,605
Badger Meter, Inc.	582	62,018
Bel Fuse, Inc., Class B	346	4,474
Belden, Inc.	836	54,950
Benchmark Electronics, Inc.	800	21,680
CDW Corp.	2,388	489,015
Cognex Corp.	3,194	248,365
Coherent, Inc. (A)	451	120,210
Corning, Inc.	15,094	561,950
CTS Corp.	667	24,492
Daktronics, Inc. (A)	1,227	6,196
ePlus, Inc. (A)	342	18,427
Evolv Technologies Holdings, Inc. (A)	2,210	9,857
FARO Technologies, Inc. (A)	391	27,378
Identiv, Inc. (A)	100	2,814
II-VI, Inc. (A)	1,909	130,442
Insight Enterprises, Inc. (A)	655	69,823
IPG Photonics Corp. (A)	978	168,353
Iteris, Inc. (A)	1,032	4,128
Itron, Inc. (A)	841	57,625
Jabil, Inc.	2,648	186,287
Keysight Technologies, Inc. (A)	3,278	676,940
Kimball Electronics, Inc. (A)	554	12,055
Knowles Corp. (A)	1,805	42,147
Littelfuse, Inc.	461	145,067
Methode Electronics, Inc.	768	37,763
MicroVision, Inc. (A)	2,624	13,146
Napco Security Technologies, Inc. (A)	371	18,543
National Instruments Corp.	2,530	110,485
Netlist, Inc. (A)	3,719	23,988
nLight, Inc. (A)	848	20,310
Novanta, Inc. (A)	656	115,672
OSI Systems, Inc. (A)	333	31,036
PAR Technology Corp. (A)	370	19,525
PC Connection, Inc.	517	22,298
Plexus Corp. (A)	489	46,890
Rogers Corp. (A)	345	94,185
Sanmina Corp. (A)	1,095	45,399

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electronic equipment, instruments and components (continued)		
ScanSource, Inc. (A)	460	\$ 16,137
SmartRent, Inc. (A)	2,767	26,785
TD SYNnex Corp.	1,563	178,745
Teledyne Technologies, Inc. (A)	813	355,192
Trimble, Inc. (A)	4,534	395,319
TTM Technologies, Inc. (A)	2,254	33,585
Vishay Intertechnology, Inc.	2,794	61,105
Vishay Precision Group, Inc. (A)	306	11,359
Vontier Corp.	2,732	83,954
Zebra Technologies Corp., Class A (A)	958	570,202
		6,710,473
IT services – 4.2%		
Affirm Holdings, Inc. (A)	4,641	466,699
AgileThought, Inc. (A)	536	2,530
Akamai Technologies, Inc. (A)	2,665	311,912
Alliance Data Systems Corp.	889	59,181
Automatic Data Processing, Inc.	7,262	1,790,664
BigCommerce Holdings, Inc., Series 1 (A)	1,168	41,312
Block, Inc. (A)	8,093	1,307,100
BM Technologies, Inc. (A)	364	3,352
Brightcove, Inc. (A)	983	10,046
Broadridge Financial Solutions, Inc.	2,052	375,147
Cass Information Systems, Inc.	256	10,066
Cloudflare, Inc., Class A (A)	5,513	724,960
Cognizant Technology Solutions Corp., Class A	9,376	831,839
Concentrix Corp.	945	168,796
Conduent, Inc. (A)	4,515	24,110
CSG Systems International, Inc.	652	37,568
Cytera Technologies, Inc. (A)	2,238	28,221
DigitalOcean Holdings, Inc. (A)	1,853	148,851
DXC Technology Company (A)	4,538	146,078
EPAM Systems, Inc. (A)	1,007	673,129
Euronet Worldwide, Inc. (A)	970	115,595
EVO Payments, Inc., Class A (A)	1,591	40,730
Exela Technologies, Inc. (A)	2,619	2,298
ExlService Holdings, Inc. (A)	612	88,599
Fastly, Inc., Class A (A)	1,995	70,723
Fidelity National Information Services, Inc.	10,957	1,195,957
Fiserv, Inc. (A)	11,750	1,219,533
FleetCor Technologies, Inc. (A)	1,491	333,745
Flywire Corp. (A)	1,698	64,626
Gartner, Inc. (A)	1,486	496,800
Genpact, Ltd.	3,430	182,064
Global Payments, Inc.	5,234	707,532
GoDaddy, Inc., Class A (A)	3,014	255,768
GreenSky, Inc., Class A (A)	3,402	38,647
i3 Verticals, Inc., Class A (A)	606	13,811
IBM Corp.	15,804	2,112,363
Information Services Group, Inc.	1,192	9,083
Jack Henry & Associates, Inc.	1,234	206,066
Kyndryl Holdings, Inc. (A)	3,160	57,196
Limelight Networks, Inc. (A)	2,664	9,138
LiveRamp Holdings, Inc. (A)	1,229	58,931
Marqeta, Inc., Class A (A)(B)	9,562	164,180
Mastercard, Inc., Class A	17,476	6,279,476
MAXIMUS, Inc.	1,145	91,222
MoneyGram International, Inc. (A)	1,519	11,985
MongoDB, Inc. (A)	1,099	581,756
Okta, Inc. (A)	2,348	526,351
Paychex, Inc.	6,425	877,013
Paymentus Holdings, Inc., Class A (A)(B)	1,879	65,727
Payoneer Global, Inc. (A)	5,500	40,425
PayPal Holdings, Inc. (A)	20,759	3,914,732

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
IT services (continued)		
Paysign, Inc. (A)	1,105	\$ 1,768
Perficient, Inc. (A)	594	76,798
Rackspace Technology, Inc. (A)	3,379	45,515
Remitly Global, Inc. (A)(B)	2,668	55,014
Sabre Corp. (A)	5,716	49,100
ServiceSource International, Inc. (A)	4,978	4,929
Shift4 Payments, Inc., Class A (A)	1,389	80,465
Snowflake, Inc., Class A (A)	5,222	1,768,953
SolarWinds Corp.	2,988	42,400
Squarespace, Inc., Class A (A)	2,323	68,529
StarTek, Inc. (A)	653	3,409
Switch, Inc., Class A	4,331	124,040
TaskUS, Inc., Class A (A)	1,642	88,602
The Glimpse Group, Inc. (A)	48	473
The Hackett Group, Inc.	696	14,289
The Western Union Company	7,400	132,016
Thoughtworks Holding, Inc. (A)	5,068	135,873
Toast, Inc., Class A (A)(B)	8,600	298,506
TTEC Holdings, Inc.	869	78,688
Twilio, Inc., Class A (A)	3,083	811,877
Unisys Corp. (A)	1,317	27,091
VeriSign, Inc. (A)	1,835	465,760
Verra Mobility Corp. (A)	3,031	46,768
Visa, Inc., Class A	34,391	7,452,874
WEX, Inc. (A)	812	113,997
		38,981,367
Semiconductors and semiconductor equipment – 5.3%		
ACM Research, Inc., Class A (A)	360	30,697
Advanced Micro Devices, Inc. (A)	21,423	3,082,770
Aehr Test Systems (A)	328	7,931
Allegro MicroSystems, Inc. (A)	3,523	127,462
Alpha & Omega Semiconductor, Ltd. (A)	545	33,005
Ambarella, Inc. (A)	657	133,299
Amkor Technology, Inc.	4,453	110,390
Analog Devices, Inc.	9,415	1,654,875
Applied Materials, Inc.	16,007	2,518,862
Atomera, Inc. (A)	385	7,746
Axcelis Technologies, Inc. (A)	650	48,464
AXT, Inc. (A)	115	1,013
Azenta, Inc.	1,336	137,755
Broadcom, Inc.	7,172	4,772,321
CEVA, Inc. (A)	480	20,755
Cirrus Logic, Inc. (A)	781	71,868
CMC Materials, Inc.	564	108,113
Cohu, Inc. (A)	925	35,233
CyberOptics Corp. (A)	20	930
Diodes, Inc. (A)	847	93,009
EMagin Corp. (A)	532	686
Enphase Energy, Inc. (A)	2,383	435,946
Entegris, Inc.	2,452	339,798
Everspin Technologies, Inc. (A)	78	881
First Solar, Inc. (A)	1,923	167,609
FormFactor, Inc. (A)	1,486	67,940
GlobalFoundries, Inc. (A)(B)	9,454	614,226
Ichor Holdings, Ltd. (A)	384	17,676
Impinj, Inc. (A)	451	40,004
Intel Corp.	71,155	3,664,483
KLA Corp.	2,701	1,161,727
Kopin Corp. (A)	1,117	4,569
Kulicke & Soffa Industries, Inc.	1,125	68,108
Lam Research Corp.	2,493	1,792,841
Lattice Semiconductor Corp. (A)	2,469	190,261
MACOM Technology Solutions Holdings, Inc. (A)	1,271	99,519
Marvell Technology, Inc.	14,630	1,279,979

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment (continued)		
Maxeon Solar Technologies, Ltd. (A)	126	\$ 1,751
MaxLinear, Inc. (A)	1,397	105,320
Meta Materials, Inc. (A)(B)	4,648	11,434
Microchip Technology, Inc.	9,761	849,793
Micron Technology, Inc.	19,776	1,842,134
MKS Instruments, Inc.	1,002	174,518
Monolithic Power Systems, Inc.	781	385,291
NeoPhotonics Corp. (A)	1,119	17,199
NVE Corp.	120	8,196
NVIDIA Corp.	43,971	12,932,311
ON Semiconductor Corp. (A)	7,689	522,237
Onto Innovation, Inc. (A)	921	93,233
PDF Solutions, Inc. (A)	745	23,684
Photronics, Inc. (A)	1,478	27,860
Pixelworks, Inc. (A)	598	2,631
Power Integrations, Inc.	1,110	103,108
Qorvo, Inc. (A)	1,939	303,240
QUALCOMM, Inc.	19,962	3,650,451
Rambus, Inc. (A)	2,201	64,687
Semtech Corp. (A)	1,189	105,738
Silicon Laboratories, Inc. (A)	734	151,512
SiTime Corp. (A)	323	94,490
SkyWater Technology, Inc. (A)	576	9,343
Skyworks Solutions, Inc.	2,968	460,456
SMART Global Holdings, Inc. (A)	506	35,921
SunPower Corp. (A)	3,113	64,968
Synaptics, Inc. (A)	681	197,156
Teradyne, Inc.	2,943	481,269
Texas Instruments, Inc.	16,112	3,036,629
Ultra Clean Holdings, Inc. (A)	836	47,953
Universal Display Corp.	856	141,266
Veeco Instruments, Inc. (A)	1,119	31,858
Wolfspeed, Inc. (A)	2,067	231,029
Xilinx, Inc.	4,355	923,391
		50,074,808
Software – 9.8%		
8x8, Inc. (A)	2,080	34,861
A10 Networks, Inc.	1,431	23,726
ACI Worldwide, Inc. (A)	2,182	75,715
Adobe, Inc. (A)	8,358	4,739,487
Agilysys, Inc. (A)	497	22,097
Alarm.com Holdings, Inc. (A)	928	78,704
Alkami Technology, Inc. (A)	1,341	26,900
Altair Engineering, Inc., Class A (A)	1,383	106,934
Alteryx, Inc., Class A (A)	1,217	73,629
American Software, Inc., Class A	667	17,455
Amplitude, Inc., Class A (A)	1,760	93,174
Anaplan, Inc. (A)	2,601	119,256
ANSYS, Inc. (A)	1,564	627,352
Appfolio, Inc., Class A (A)	633	76,631
Appian Corp. (A)	1,266	82,556
AppLovin Corp., Class A (A)	6,582	620,419
Asana, Inc., Class A (A)	2,882	214,853
Aspen Technology, Inc. (A)	1,205	183,401
Autodesk, Inc. (A)	3,902	1,097,203
Avalara, Inc. (A)	1,549	199,991
Avaya Holdings Corp. (A)	1,627	32,215
AvePoint, Inc. (A)	2,541	15,983
Benefitfocus, Inc. (A)	722	7,697
Bentley Systems, Inc., Class B	4,989	241,118
Bill.com Holdings, Inc. (A)	1,645	409,852
Black Knight, Inc. (A)	2,839	235,325
Blackbaud, Inc. (A)	910	71,872
Blackline, Inc. (A)	1,061	109,856
Blend Labs, Inc., Class A (A)	3,398	24,941

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Bottomline Technologies DE, Inc. (A)	850	\$ 48,000
Box, Inc., Class A (A)	2,797	73,253
C3.ai, Inc., Class A (A)	1,825	57,031
Cadence Design Systems, Inc. (A)	4,918	916,469
CCC Intelligent Solutions Holdings, Inc. (A)(B)	9,972	113,581
CDK Global, Inc.	2,209	92,204
Cerence, Inc. (A)	696	53,341
Ceridian HCM Holding, Inc. (A)	2,675	279,431
ChannelAdvisor Corp. (A)	600	14,808
Citrix Systems, Inc.	2,218	209,801
Clear Secure, Inc., Class A (A)(B)	2,462	77,233
Clearwater Analytics Holdings, Inc., Class A (A)	3,883	89,231
Cognyte Software, Ltd. (A)	99	1,551
CommVault Systems, Inc. (A)	850	58,582
Confluent, Inc., Class A (A)	4,598	350,552
Consensus Cloud Solutions, Inc. (A)	297	17,187
CoreCard Corp. (A)	191	7,411
Couchbase, Inc. (A)	669	16,698
Coupa Software, Inc. (A)	1,310	207,046
Crowdstrike Holdings, Inc., Class A (A)	3,998	818,591
CS Disco, Inc. (A)	897	32,068
Datadog, Inc., Class A (A)	5,475	975,152
Datto Holding Corp. (A)	2,301	60,631
Digimarc Corp. (A)	294	11,607
DocuSign, Inc. (A)	3,447	525,013
Dolby Laboratories, Inc., Class A	1,849	176,062
Domo, Inc., Class B (A)	570	28,272
DoubleVerify Holdings, Inc. (A)	2,545	84,698
Dropbox, Inc., Class A (A)	6,875	168,713
Duck Creek Technologies, Inc. (A)	2,105	63,382
Dynatrace, Inc. (A)	5,052	304,888
Ebix, Inc.	593	18,027
eGain Corp. (A)	755	7,535
EngageSmart, Inc. (A)	2,523	60,855
Envestnet, Inc. (A)	1,010	80,133
Everbridge, Inc. (A)	700	47,131
EverCommerce, Inc. (A)(B)	3,253	51,235
Fair Isaac Corp. (A)	509	220,738
Five9, Inc. (A)	1,205	165,471
ForgeRock, Inc., Class A (A)	1,314	35,071
Fortinet, Inc. (A)	2,891	1,039,025
Freshworks, Inc., Class A (A)	4,778	125,470
Greenidge Generation Holdings, Inc. (A)	613	9,839
Guidewire Software, Inc. (A)	1,507	171,090
HubSpot, Inc. (A)	834	549,731
Instructure Holdings, Inc. (A)	2,069	49,615
Intapp, Inc. (A)	876	22,040
InterDigital, Inc.	575	41,187
Intuit, Inc.	4,839	3,112,542
Jamf Holding Corp. (A)	1,772	67,354
JFrog, Ltd. (A)	1,737	51,589
Kaltura, Inc. (A)	1,306	4,401
KnowBe4, Inc., Class A (A)	2,865	65,723
LivePerson, Inc. (A)	1,279	45,686
Mandiant, Inc. (A)	4,371	76,667
Manhattan Associates, Inc. (A)	1,136	176,637
Matterport, Inc. (A)	4,076	84,129
McAfee Corp., Class A	7,694	198,428
MeridianLink, Inc. (A)	1,186	25,594
Microsoft Corp.	132,625	44,604,440
MicroStrategy, Inc., Class A (A)	173	94,197
Mitek Systems, Inc. (A)	911	16,170
Model N, Inc. (A)	719	21,592

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Momentive Global, Inc. (A)	2,729	\$ 57,718
N-able, Inc. (A)	3,262	36,208
NCino, Inc. (A)	1,572	86,240
NCR Corp. (A)	2,373	95,395
New Relic, Inc. (A)	1,168	128,433
NortonLifeLock, Inc.	10,373	269,491
Nuance Communications, Inc. (A)	5,647	312,392
Nutanix, Inc., Class A (A)	3,791	120,781
Olo, Inc., Class A (A)	2,432	50,610
ON24, Inc. (A)	546	9,473
OneSpan, Inc. (A)	856	14,492
Oracle Corp.	48,916	4,265,964
PagerDuty, Inc. (A)	1,558	54,141
Palantir Technologies, Inc., Class A (A)	34,039	619,850
Palo Alto Networks, Inc. (A)	1,723	959,297
Paycom Software, Inc. (A)	1,066	442,593
Paycor HCM, Inc. (A)	3,177	91,529
Paylocity Holding Corp. (A)	973	229,784
Pegasystems, Inc.	1,468	164,152
Ping Identity Holding Corp. (A)	1,506	34,457
Procore Technologies, Inc. (A)	2,210	176,734
Progress Software Corp.	801	38,664
PROS Holdings, Inc. (A)	854	29,454
PTC, Inc. (A)	2,118	256,596
Q2 Holdings, Inc. (A)	1,009	80,155
Qualtrics International, Inc., Class A (A)	8,835	312,759
Qualys, Inc. (A)	711	97,563
Rapid7, Inc. (A)	1,011	118,985
Rekor Systems, Inc. (A)	852	5,581
Rimini Street, Inc. (A)	1,519	9,068
RingCentral, Inc., Class A (A)	1,448	271,283
Riot Blockchain, Inc. (A)	1,638	36,577
Sailpoint Technologies Holdings, Inc. (A)	1,710	82,661
salesforce.com, Inc. (A)	17,164	4,361,887
SecureWorks Corp., Class A (A)	1,619	25,855
SEMrush Holdings, Inc., Class A (A)	2,229	46,475
SentinelOne, Inc., Class A (A)	4,539	229,174
ServiceNow, Inc. (A)	3,506	2,275,780
ShotSpotter, Inc. (A)	262	7,734
Smartsheet, Inc., Class A (A)	2,230	172,714
Smith Micro Software, Inc. (A)	28	138
Splunk, Inc. (A)	2,920	337,902
Sprinklr, Inc., Class A (A)(B)	4,476	71,034
Sprout Social, Inc., Class A (A)	917	83,163
SPS Commerce, Inc. (A)	634	90,250
SS&C Technologies Holdings, Inc.	4,583	375,714
Sumo Logic, Inc. (A)	1,696	22,998
Synchronoss Technologies, Inc. (A)	1,177	2,872
Synopsys, Inc. (A)	2,646	975,051
Telos Corp. (A)	879	13,554
Tenable Holdings, Inc. (A)	1,938	106,726
Teradata Corp. (A)	1,965	83,454
The Trade Desk, Inc., Class A (A)	8,445	773,900
Tyler Technologies, Inc. (A)	728	391,628
UiPath, Inc., Class A (A)	8,998	388,084
Unity Software, Inc. (A)	4,988	713,234
Upland Software, Inc. (A)	553	9,921
Varonis Systems, Inc. (A)	1,938	94,536
Verint Systems, Inc. (A)	1,254	65,848
Veritone, Inc. (A)	504	11,330
Vertex, Inc., Class A (A)	2,371	37,628
Viant Technology, Inc., Class A (A)	801	7,774
VirnetX Holding Corp. (A)(B)	1,593	4,142
VMware, Inc., Class A	7,414	859,134
Vonage Holdings Corp. (A)	4,627	96,195

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Workday, Inc., Class A (A)	4,358	\$ 1,190,518
Workiva, Inc. (A)	906	118,224
Xperi Holding Corp.	2,083	39,390
Yext, Inc. (A)	2,330	23,114
Zendesk, Inc. (A)	2,143	223,493
Zeta Global Holdings Corp., Class A (A)	2,980	25,092
Zoom Video Communications, Inc., Class A (A)	5,209	957,987
Zscaler, Inc. (A)	2,407	773,441
Zuora, Inc., Class A (A)	2,245	41,937
		92,623,137
Technology hardware, storage and peripherals – 5.8%		
3D Systems Corp. (A)	2,231	48,056
Apple, Inc.	291,691	51,795,542
Avid Technology, Inc. (A)	850	27,685
Boxlight Corp., Class A (A)	1,426	1,968
Corsair Gaming, Inc. (A)(B)	1,436	30,170
CPI Card Group, Inc. (A)	115	2,133
Dell Technologies, Inc., Class C (A)	13,515	759,138
Diebold Nixdorf, Inc. (A)	1,599	14,471
Eastman Kodak Company (A)	667	3,122
Hewlett Packard Enterprise Company	23,098	364,255
HP, Inc.	21,354	804,405
Immersion Corp. (A)	809	4,619
Intevac, Inc. (A)	745	3,509
NetApp, Inc.	4,013	369,156
Pure Storage, Inc., Class A (A)	5,116	166,526
Sonim Technologies, Inc. (A)	1,394	1,285
Turtle Beach Corp. (A)	144	3,205
Western Digital Corp. (A)	5,528	360,481
Xerox Holdings Corp.	3,431	77,678
		54,837,404
		251,316,511
Materials – 2.3%		
Chemicals – 1.3%		
AdvanSix, Inc.	524	24,759
Air Products & Chemicals, Inc.	3,733	1,135,803
Albemarle Corp.	2,085	487,410
American Vanguard Corp.	728	11,932
Amyris, Inc. (A)	4,828	26,119
Ashland Global Holdings, Inc.	1,039	111,859
Avient Corp.	1,723	96,402
Axalta Coating Systems, Ltd. (A)	4,358	144,337
Balchem Corp.	457	77,050
Cabot Corp.	1,144	64,293
Celanese Corp.	1,702	286,038
CF Industries Holdings, Inc.	3,859	273,140
Chase Corp.	194	19,315
Corteva, Inc.	13,316	629,580
CVR Nitrogen LP (A)(C)	1,086	195
Diversey Holdings, Ltd. (A)	4,552	60,587
Dow, Inc.	13,369	758,290
DuPont de Nemours, Inc.	9,247	746,973
Eastman Chemical Company	2,537	306,749
Ecolab, Inc.	5,046	1,183,741
Ecovyst, Inc.	2,904	29,737
Ferro Corp. (A)	1,719	37,526
FMC Corp.	2,313	254,176
FutureFuel Corp.	1,090	8,328
GCP Applied Technologies, Inc. (A)	1,572	49,770
Hawkins, Inc.	532	20,987
HB Fuller Company	1,058	85,698
Huntsman Corp.	4,120	143,706
Ingevity Corp. (A)	765	54,851

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Chemicals (continued)		
Innospec, Inc.	510	\$ 46,073
International Flavors & Fragrances, Inc.	4,466	672,803
Intrepid Potash, Inc. (A)	302	12,904
Koppers Holdings, Inc. (A)	482	15,087
Kraton Corp. (A)	640	29,645
Kronos Worldwide, Inc.	2,526	37,915
Livent Corp. (A)	2,960	72,165
LSB Industries, Inc. (A)	1,182	13,061
Minerals Technologies, Inc.	673	49,230
NewMarket Corp.	96	32,901
Olin Corp.	2,899	166,750
Origin Materials, Inc. (A)	1,904	12,281
PPG Industries, Inc.	4,179	720,627
Quaker Chemical Corp.	313	72,234
Rayonier Advanced Materials, Inc. (A)	1,194	6,818
RPM International, Inc.	2,026	204,626
Sensient Technologies Corp.	828	82,850
Stepan Company	50	6,215
The Chemours Company	3,059	102,660
The Mosaic Company	6,857	269,412
The Scotts Miracle-Gro Company	1,022	164,542
The Sherwin-Williams Company	4,723	1,663,252
Trecora Resources (A)	757	6,117
Tredegar Corp.	832	9,834
Trinseo PLC	96	5,036
Valhi, Inc.	636	18,285
Valvoline, Inc.	3,402	126,861
Westlake Chemical Corp.	2,365	229,712
Westlake Chemical Partners LP	799	21,461
Zymergen, Inc. (A)	1,577	10,550
		12,011,258
Construction materials – 0.1%		
Eagle Materials, Inc.	775	129,007
Forterra, Inc. (A)	1,303	30,985
Martin Marietta Materials, Inc.	984	433,472
Summit Materials, Inc., Class A (A)	2,191	87,947
United States Lime & Minerals, Inc.	134	17,289
Vulcan Materials Company	2,073	430,313
		1,129,013
Containers and packaging – 0.3%		
AptarGroup, Inc.	916	112,192
Avery Dennison Corp.	1,494	323,556
Ball Corp.	5,789	557,307
Berry Global Group, Inc. (A)	2,531	186,737
Crown Holdings, Inc.	2,263	250,333
Graphic Packaging Holding Company	5,834	113,763
Greif, Inc., Class A	931	56,204
International Paper Company	6,650	312,417
Myers Industries, Inc.	844	16,888
O-I Glass, Inc. (A)	3,104	37,341
Packaging Corp. of America	1,509	205,450
Pactiv Evergreen, Inc.	2,656	33,678
Sealed Air Corp.	2,645	178,458
Silgan Holdings, Inc.	1,469	62,932
Sonoco Products Company	1,488	86,140
TriMas Corp.	1,020	37,740
Westrock Company	4,971	220,514
		2,791,650
Metals and mining – 0.6%		
Alcoa Corp.	3,330	198,401
Allegheny Technologies, Inc. (A)	2,447	38,981
Alpha Metallurgical Resources, Inc. (A)	352	21,490
Arconic Corp. (A)	1,987	65,591
Carpenter Technology Corp.	974	28,431

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Metals and mining (continued)		
Century Aluminum Company (A)	1,740	\$ 28,814
Cleveland-Cliffs, Inc. (A)	8,588	186,961
Coeur Mining, Inc. (A)	4,942	24,908
Commercial Metals Company	2,266	82,233
Compass Minerals International, Inc.	667	34,070
Freeport-McMoRan, Inc.	25,986	1,084,396
Gatos Silver, Inc. (A)	868	9,010
Haynes International, Inc.	334	13,470
Hecla Mining Company	9,827	51,297
Kaiser Aluminum Corp.	336	31,564
Materion Corp.	423	38,891
MP Materials Corp. (A)(B)	2,977	135,215
Newmont Corp.	14,198	880,560
Nucor Corp.	5,208	594,493
Olympic Steel, Inc.	325	7,638
Pan American Silver Corp., CVR (A)(D)	7,232	5,632
Ramaco Resources, Inc. (A)	575	7,820
Rare Element Resources, Ltd. (A)	467	584
Reliance Steel & Aluminum Company	900	145,998
Royal Gold, Inc.	1,208	127,094
Ryerson Holding Corp.	738	19,225
Schnitzer Steel Industries, Inc., Class A	547	28,400
Southern Copper Corp.	13,869	855,856
Steel Dynamics, Inc.	3,662	227,300
SunCoke Energy, Inc.	2,119	13,964
TimkenSteel Corp. (A)	1,005	16,583
U.S. Steel Corp.	4,538	108,050
Warrior Met Coal, Inc.	968	24,887
Worthington Industries, Inc.	793	43,345
		5,181,152
Paper and forest products – 0.0%		
Clearwater Paper Corp. (A)	390	14,301
Glatfelter Corp.	999	17,183
Louisiana-Pacific Corp.	1,758	137,739
Neenah, Inc.	345	15,967
Schweitzer-Mauduit International, Inc.	627	18,747
Sylvamo Corp. (A)	673	18,770
Verso Corp., Class A	710	19,184
		241,891
		21,354,964
Real estate – 3.3%		
Equity real estate investment trusts – 3.1%		
Acadia Realty Trust	1,860	40,604
Agree Realty Corp.	883	63,011
Alexander & Baldwin, Inc.	1,506	37,786
Alexander's, Inc.	108	28,112
Alexandria Real Estate Equities, Inc.	2,408	536,888
American Assets Trust, Inc.	1,261	47,325
American Campus Communities, Inc.	2,673	153,136
American Finance Trust, Inc.	2,393	21,848
American Homes 4 Rent, Class A	6,051	263,884
American Tower Corp.	8,052	2,355,210
Americold Realty Trust	4,031	132,176
Apartment Income REIT Corp.	2,951	161,331
Apartment Investment and Management Company, Class A (A)	3,114	24,040
Apple Hospitality REIT, Inc.	4,472	72,223
Armada Hoffer Properties, Inc.	1,229	18,705
Ashford Hospitality Trust, Inc. (A)	285	2,736
AvalonBay Communities, Inc.	2,283	576,663
Bluerock Residential Growth REIT, Inc.	683	18,024
Boston Properties, Inc.	2,881	331,834
Braemar Hotels & Resorts, Inc. (A)	978	4,988
Brandywine Realty Trust	3,757	50,419

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Brixmor Property Group, Inc.	5,578	\$ 141,737
Broadstone Net Lease, Inc.	1,879	46,637
BRT Apartments Corp.	385	9,236
Camden Property Trust	1,440	257,299
CareTrust REIT, Inc.	2,053	46,870
CatchMark Timber Trust, Inc., Class A	1,315	11,454
Centerspace	226	25,063
Chatham Lodging Trust (A)	1,057	14,502
CIM Commercial Trust Corp.	337	2,477
Community Healthcare Trust, Inc.	472	22,311
CorePoint Lodging, Inc. (A)	1,371	21,525
Corporate Office Properties Trust	2,351	65,757
Cousins Properties, Inc.	2,993	120,558
Crown Castle International Corp.	7,775	1,622,954
CubeSmart	3,744	213,071
CyrusOne, Inc.	2,283	204,831
DiamondRock Hospitality Company (A)	4,163	40,006
Digital Realty Trust, Inc.	4,963	877,806
DigitalBridge Group, Inc. (A)	9,145	76,178
Diversified Healthcare Trust	5,157	15,935
Douglas Emmett, Inc.	3,408	114,168
Duke Realty Corp.	6,680	438,475
Easterly Government Properties, Inc.	1,561	35,778
EastGroup Properties, Inc.	743	169,293
Empire State Realty Trust, Inc., Class A	3,543	31,533
EPR Properties	1,457	69,193
Equinix, Inc.	1,615	1,366,032
Equity LifeStyle Properties, Inc.	2,967	260,087
Equity Residential	6,637	600,649
Essential Properties Realty Trust, Inc.	1,463	42,178
Essex Property Trust, Inc.	922	324,756
Extra Space Storage, Inc.	2,270	514,677
Farmland Partners, Inc.	930	11,114
Federal Realty Investment Trust	1,456	198,482
First Industrial Realty Trust, Inc.	2,479	164,110
Four Corners Property Trust, Inc.	1,453	42,733
Franklin Street Properties Corp.	2,261	13,453
Gaming and Leisure Properties, Inc.	4,534	220,624
Getty Realty Corp.	966	30,999
Gladstone Commercial Corp.	793	20,436
Gladstone Land Corp.	706	23,835
Global Medical REIT, Inc.	854	15,159
Global Net Lease, Inc.	1,979	30,239
Healthcare Realty Trust, Inc.	2,832	89,604
Healthcare Trust of America, Inc., Class A	4,107	137,133
Healthpeak Properties, Inc.	9,918	357,941
Hersha Hospitality Trust (A)	1,005	9,216
Highwoods Properties, Inc.	2,063	91,989
Host Hotels & Resorts, Inc. (A)	13,023	226,470
Hudson Pacific Properties, Inc.	3,068	75,810
Independence Realty Trust, Inc.	2,095	54,114
Indus Realty Trust, Inc.	186	15,077
Industrial Logistics Properties Trust	1,490	37,325
Innovative Industrial Properties, Inc.	372	97,803
Invitation Homes, Inc.	10,409	471,944
Iron Mountain, Inc.	5,295	277,087
iStar, Inc.	1,236	31,926
JBG SMITH Properties	2,682	77,000
Kilroy Realty Corp.	2,211	146,943
Kimco Realty Corp.	11,178	275,538
Kite Realty Group Trust	4,091	89,102
Lamar Advertising Company, Class A	1,855	225,012
Life Storage, Inc.	1,345	206,027
LTC Properties, Inc.	837	28,575
LXP Industrial Trust	5,323	83,145

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Medical Properties Trust, Inc.	10,170	\$ 240,317
MGM Growth Properties LLC, Class A	2,079	84,927
Mid-America Apartment Communities, Inc.	1,807	414,598
Monmouth Real Estate Investment Corp.	2,045	42,965
National Health Investors, Inc.	880	50,574
National Retail Properties, Inc.	3,402	163,534
National Storage Affiliates Trust	1,224	84,701
New York REIT Liquidating LLC (A)(C)	457	7,416
NexPoint Residential Trust, Inc.	522	43,759
Office Properties Income Trust	1,104	27,423
Omega Healthcare Investors, Inc.	4,522	133,806
One Liberty Properties, Inc.	547	19,298
Orion Office REIT, Inc. (A)	983	18,353
Outfront Media, Inc.	2,732	73,272
Paramount Group, Inc.	4,815	40,157
Park Hotels & Resorts, Inc. (A)	4,447	83,959
Pebblebrook Hotel Trust	2,611	58,408
Pennsylvania Real Estate Investment Trust (A)	968	987
Phillips Edison & Company, Inc.	1,416	46,785
Physicians Realty Trust	3,981	74,962
Piedmont Office Realty Trust, Inc., Class A	2,477	45,527
Plymouth Industrial REIT, Inc.	429	13,728
PotlatchDeltic Corp.	1,335	80,394
Preferred Apartment Communities, Inc.	904	16,326
Prologis, Inc.	13,221	2,225,888
PS Business Parks, Inc.	213	39,228
Public Storage	2,878	1,077,984
Rayonier, Inc.	2,771	111,838
Realty Income Corp.	9,835	704,088
Regency Centers Corp.	3,192	240,517
Retail Opportunity Investments Corp.	2,507	49,137
Retail Value, Inc.	522	3,351
Rexford Industrial Realty, Inc.	2,347	190,365
RLJ Lodging Trust	3,441	47,933
RPT Realty	1,545	20,672
Ryman Hospitality Properties, Inc. (A)	1,027	94,443
Sabra Health Care REIT, Inc.	4,102	55,541
Safehold, Inc.	890	71,067
Saul Centers, Inc.	494	26,192
SBA Communications Corp.	1,955	760,534
Seritage Growth Properties, Class A (A)	866	11,492
Service Properties Trust	3,498	30,747
Simon Property Group, Inc.	5,860	936,252
SITE Centers Corp.	4,024	63,700
SL Green Realty Corp.	1,278	91,633
Spirit Realty Capital, Inc.	2,024	97,537
STAG Industrial, Inc.	2,912	139,660
STORE Capital Corp.	4,908	168,835
Summit Hotel Properties, Inc. (A)	2,173	21,208
Sun Communities, Inc.	1,906	400,203
Sunstone Hotel Investors, Inc. (A)	4,424	51,894
Tanger Factory Outlet Centers, Inc.	1,977	38,117
Terreno Realty Corp.	1,416	120,771
The GEO Group, Inc.	2,079	16,112
The Macerich Company	3,197	55,244
UDR, Inc.	5,225	313,448
UMH Properties, Inc.	958	26,182
Uniti Group, Inc.	4,136	57,945
Universal Health Realty Income Trust	293	17,425
Urban Edge Properties	2,372	45,068
Urstadt Biddle Properties, Inc., Class A	889	18,936
Ventas, Inc.	7,160	366,019
Veris Residential, Inc. (A)	1,996	36,686

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
VICI Properties, Inc.	10,846	\$ 326,573
Vornado Realty Trust	3,603	150,822
Washington Real Estate Investment Trust	1,739	44,953
Welltower, Inc.	7,629	654,339
Weyerhaeuser Company	13,518	556,671
Whitestone REIT	991	10,039
WP Carey, Inc.	3,402	279,134
Xenia Hotels & Resorts, Inc. (A)	2,341	42,396
		29,394,929
Real estate management and development – 0.2%		
CBRE Group, Inc., Class A (A)	6,019	653,122
Compass, Inc., Class A (A)(B)	6,964	63,303
Doma Holdings, Inc. (A)	5,923	30,089
Douglas Elliman, Inc. (A)	1,406	16,163
eXp World Holdings, Inc.	2,650	89,279
Fathom Holdings, Inc. (A)	187	3,826
Five Point Holdings LLC, Class A (A)	2,953	19,313
Forestar Group, Inc. (A)	1,120	24,360
FRP Holdings, Inc. (A)	258	14,912
Jones Lang LaSalle, Inc. (A)	918	247,254
Kennedy-Wilson Holdings, Inc.	2,863	68,368
Marcus & Millichap, Inc. (A)	768	39,521
Maui Land & Pineapple Company, Inc. (A)	514	5,119
Newmark Group, Inc., Class A	3,701	69,209
Offerpad Solutions, Inc. (A)	3,542	22,669
Opendoor Technologies, Inc. (A)	10,757	157,160
Rafael Holdings, Inc., Class B (A)	347	1,770
RE/MAX Holdings, Inc., Class A	431	13,141
Redfin Corp. (A)	1,922	73,786
Tejon Ranch Company (A)	613	11,696
The Howard Hughes Corp. (A)	903	91,907
The RMR Group, Inc., Class A	663	22,993
The St. Joe Company	1,186	61,731
Zillow Group, Inc., Class A (A)	45	2,800
Zillow Group, Inc., Class C (A)	4,332	276,598
		2,080,089
		31,475,018
Utilities – 2.2%		
Electric utilities – 1.3%		
ALLETE, Inc.	1,037	68,805
Alliant Energy Corp.	3,250	199,778
American Electric Power Company, Inc.	8,441	750,996
Avangrid, Inc.	5,835	291,050
Duke Energy Corp.	13,401	1,405,765
Edison International	6,989	476,999
Entergy Corp.	3,637	409,708
Eversource Energy	4,456	305,726
Exelon Corp.	6,068	552,067
FirstEnergy Corp.	17,312	999,941
Genie Energy, Ltd., B Shares (A)	10,226	425,299
Hawaiian Electric Industries, Inc.	706	3,932
IDACORP, Inc.	2,097	87,026
MGE Energy, Inc.	972	110,137
NextEra Energy, Inc.	751	61,770
NRG Energy, Inc.	34,040	3,177,974
OGE Energy Corp.	4,438	191,189
Otter Tail Corp.	4,136	158,740
PG&E Corp. (A)	842	60,136
Pinnacle West Capital Corp.	34,532	419,218
PNM Resources, Inc.	1,796	126,780
Portland General Electric Company	1,686	76,898
PPL Corp.	1,846	97,690
The Southern Company	13,860	416,632
	19,232	1,318,931

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electric utilities (continued)		
Via Renewables, Inc.	849	\$ 9,704
Xcel Energy, Inc.	9,706	657,096
		12,859,987
Gas utilities – 0.1%		
Atmos Energy Corp.	2,179	228,294
Chesapeake Utilities Corp.	361	52,637
National Fuel Gas Company	1,834	117,266
New Jersey Resources Corp.	1,858	76,289
Northwest Natural Holding Company	666	32,487
ONE Gas, Inc.	1,009	78,288
RGC Resources, Inc.	260	5,983
South Jersey Industries, Inc.	1,973	51,535
Southwest Gas Holdings, Inc.	848	59,402
Spire, Inc.	975	63,590
Star Group LP	997	10,738
Suburban Propane Partners LP	1,423	20,847
UGI Corp.	3,959	181,758
		979,114
Independent power and renewable electricity producers – 0.1%		
Brookfield Renewable Corp., Class A	270	9,944
Clearway Energy, Inc., Class A	1,164	38,971
Clearway Energy, Inc., Class C	1,928	69,466
Montauk Renewables, Inc. (A)	2,059	21,105
NextEra Energy Partners LP	1,301	109,804
Ormat Technologies, Inc.	1,076	85,327
Sunnova Energy International, Inc. (A)	1,925	53,746
The AES Corp.	12,286	298,550
Vistra Corp.	8,925	203,222
		890,135
Multi-utilities – 0.6%		
Ameren Corp.	4,077	362,894
Avista Corp.	1,415	60,123
Black Hills Corp.	1,306	92,164
CenterPoint Energy, Inc.	10,525	293,753
CMS Energy Corp.	5,182	337,089
Consolidated Edison, Inc.	5,366	457,827
Dominion Energy, Inc.	14,661	1,151,768
DTE Energy Company	3,402	406,675
MDU Resources Group, Inc.	3,916	120,769
NiSource, Inc.	7,487	206,716
NorthWestern Corp.	981	56,074
Public Service Enterprise Group, Inc.	9,192	613,382
Sempra Energy	5,251	694,602
Unitil Corp.	366	16,832
WEC Energy Group, Inc.	5,493	533,206
		5,403,874
Water utilities – 0.1%		
American States Water Company	707	73,132
American Water Works Company, Inc.	3,291	621,538
Artesian Resources Corp., Class A	287	13,297
Cadiz, Inc. (A)	752	2,903
California Water Service Group	1,017	73,082
Essential Utilities, Inc.	3,802	204,129
Global Water Resources, Inc.	678	11,594
Middlesex Water Company	324	38,977
Pure Cycle Corp. (A)	700	10,220
SJW Group	625	45,750
The York Water Company	308	15,332
		1,109,954
		21,243,064
TOTAL COMMON STOCKS (Cost \$356,187,188)		\$ 916,379,650

John Hancock Variable Insurance Trust

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

Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES – 0.0%		
Consumer discretionary – 0.0%		
Internet and direct marketing retail – 0.0%		
Qurate Retail, Inc., 8.000%	260	\$ 26,837
Industrials – 0.0%		
Industrial conglomerates – 0.0%		
Steel Partners Holdings LP, 6.000%	510	12,464
Information technology – 0.0%		
Semiconductors and semiconductor equipment – 0.0%		
Meta Materials, Inc. (A)	2,456	3,709
TOTAL PREFERRED SECURITIES (Cost \$84,689)		\$ 43,010
WARRANTS – 0.0%		
Amplify Energy Corp. (Expiration Date: 5-4-22; Strike Price: \$42.60) (A)		
	57	1
Basic Energy Services, Inc. (Expiration Date: 12-23-23; Strike Price: \$55.25) (A)		
	55	0
Denbury, Inc. (Expiration Date: 9-18-23; Strike Price: \$35.41) (A)		
	23	958
FTS International, Inc. (Expiration Date: 11-19-23; Strike Price: \$33.04) (A)		
	24	134
FTS International, Inc. (Expiration Date: 11-19-23; Strike Price: \$37.14) (A)		
	62	288
Hycroft Mining Holding Corp. (Expiration Date: 10-22-22) (A)(D)		
	196	35
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)		
	77	287
Oasis Petroleum, Inc. (Expiration Date: 11-19-24; Strike Price: \$94.57) (A)		
	31	1,303
Tidewater, Inc., Class A (Expiration Date: 7-31-23; Strike Price: \$57.06) (A)		
	66	34
Tidewater, Inc., Class B (Expiration Date: 7-31-23; Strike Price: \$62.28) (A)		
	71	23
TOTAL WARRANTS (Cost \$120,251)		\$ 3,063
SHORT-TERM INVESTMENTS – 3.8%		
U.S. Government – 1.3%		
U.S. Treasury Bill 0.040%, 02/24/2022 *		
	\$ 12,400,000	12,399,507

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Russell 2000 E-Mini Index Futures	45	Long	Mar 2022	\$4,974,613	\$5,046,300	\$71,687
S&P 500 Index E-Mini Futures	110	Long	Mar 2022	25,626,149	26,171,750	545,601
						\$617,288

[^] 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
SHORT-TERM INVESTMENTS (continued)		
U.S. Government Agency – 1.6%		
Federal Home Loan Bank Discount Note 0.035%, 01/21/2022 *		
	\$ 5,000,000	\$ 4,999,975
Tennessee Valley Authority Discount Note 0.031%, 01/12/2022 *		
	10,000,000	9,999,975
		14,999,950
Short-term funds – 0.7%		
John Hancock Collateral Trust, 0.1697% (E)(F)		
	611,257	6,114,405
Repurchase agreement – 0.2%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$1,872,000 on 1-3-22, collateralized by \$1,745,800 U.S. Treasury Notes, 2.875% due 5-15-28 (valued at \$1,909,504)		
	\$ 1,872,000	1,872,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$35,386,262)		\$ 35,385,862
Total Investments (Total Stock Market Index Trust) (Cost \$391,778,390) – 101.1%		
		\$ 951,811,585
Other assets and liabilities, net – (1.1%)		
		(10,036,109)
TOTAL NET ASSETS – 100.0%		\$ 941,775,476

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 12-31-21.
(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)	Strike price and/or expiration date not available.
(E)	The rate shown is the annualized seven-day yield as of 12-31-21.
(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.
*	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.