

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## 500 Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.6%</b>		
<b>Communication services – 10.9%</b>		
<b>Diversified telecommunication services – 1.2%</b>		
AT&T, Inc.	1,476,336	\$ 42,488,950
Lumen Technologies, Inc.	208,597	2,834,833
Verizon Communications, Inc.	858,032	48,075,533
		93,399,316
<b>Entertainment – 1.9%</b>		
Activision Blizzard, Inc.	160,872	15,353,624
Electronic Arts, Inc.	60,072	8,640,156
Live Nation Entertainment, Inc. (A)	30,014	2,628,926
Netflix, Inc. (A)	91,957	48,572,607
Take-Two Interactive Software, Inc. (A)	24,146	4,274,325
The Walt Disney Company (A)	376,832	66,235,761
		145,705,399
<b>Interactive media and services – 6.3%</b>		
Alphabet, Inc., Class A (A)	62,420	152,416,532
Alphabet, Inc., Class C (A)	59,205	148,386,676
Facebook, Inc., Class A (A)	499,325	173,620,296
Twitter, Inc. (A)	164,632	11,328,328
		485,751,832
<b>Media – 1.3%</b>		
Charter Communications, Inc., Class A (A)	29,378	21,194,758
Comcast Corp., Class A	946,901	53,992,295
Discovery, Inc., Series A (A)(B)	33,828	1,037,843
Discovery, Inc., Series C (A)	60,255	1,746,190
DISH Network Corp., Class A (A)	52,099	2,177,738
Fox Corp., Class A	68,021	2,525,620
Fox Corp., Class B	33,080	1,164,416
News Corp., Class A	82,154	2,117,109
News Corp., Class B	25,708	625,990
Omnicom Group, Inc.	45,376	3,629,626
The Interpublic Group of Companies, Inc.	82,343	2,675,324
ViacomCBS, Inc., Class B	117,803	5,324,696
		98,211,605
<b>Wireless telecommunication services – 0.2%</b>		
T-Mobile US, Inc. (A)	121,506	17,597,714
		840,665,866
<b>Consumer discretionary – 12.0%</b>		
<b>Auto components – 0.2%</b>		
Aptiv PLC (A)	55,969	8,805,603
BorgWarner, Inc.	47,404	2,300,990
		11,106,593
<b>Automobiles – 1.8%</b>		
Ford Motor Company (A)	810,845	12,049,157
General Motors Company (A)	262,151	15,511,475
Tesla, Inc. (A)	159,392	108,338,742
		135,899,374
<b>Distributors – 0.1%</b>		
Genuine Parts Company	30,465	3,852,909
LKQ Corp. (A)	59,119	2,909,837
Pool Corp.	8,463	3,881,640
		10,644,386
<b>Hotels, restaurants and leisure – 2.0%</b>		
Booking Holdings, Inc. (A)	8,521	18,644,715
Caesars Entertainment, Inc. (A)	43,249	4,487,084
Carnival Corp. (A)	165,435	4,360,867
Chipotle Mexican Grill, Inc. (A)	5,813	9,012,126
Darden Restaurants, Inc.	27,470	4,010,345
Domino's Pizza, Inc.	7,732	3,606,901
Expedia Group, Inc. (A)	28,658	4,691,601
Hilton Worldwide Holdings, Inc. (A)	57,320	6,913,938
Las Vegas Sands Corp. (A)	67,110	3,536,026

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Marriott International, Inc., Class A (A)	55,166	\$ 7,531,262
McDonald's Corp.	155,101	35,826,780
MGM Resorts International	86,461	3,687,562
Norwegian Cruise Line Holdings, Ltd. (A)	75,206	2,211,808
Penn National Gaming, Inc. (A)	30,865	2,360,864
Royal Caribbean Cruises, Ltd. (A)	45,409	3,872,480
Starbucks Corp.	244,224	27,306,685
Wynn Resorts, Ltd. (A)	21,994	2,689,866
Yum! Brands, Inc.	62,442	7,182,703
		151,933,613
<b>Household durables – 0.4%</b>		
D.R. Horton, Inc.	68,073	6,151,757
Garmin, Ltd.	31,500	4,556,160
Leggett & Platt, Inc.	27,959	1,448,556
Lennar Corp., A Shares	55,918	5,555,453
Mohawk Industries, Inc. (A)	12,629	2,427,168
Newell Brands, Inc.	79,746	2,190,623
NVR, Inc. (A)	735	3,655,376
PulteGroup, Inc.	56,633	3,090,463
Whirlpool Corp.	13,155	2,868,053
		31,943,609
<b>Internet and direct marketing retail – 4.1%</b>		
Amazon.com, Inc. (A)	88,852	305,665,096
eBay, Inc.	132,594	9,309,425
Etsy, Inc. (A)	26,198	5,392,596
		320,367,117
<b>Leisure products – 0.0%</b>		
Hasbro, Inc.	26,911	2,543,628
<b>Multiline retail – 0.5%</b>		
Dollar General Corp.	50,979	11,031,346
Dollar Tree, Inc. (A)	48,896	4,865,152
Target Corp.	104,195	25,188,099
		41,084,597
<b>Specialty retail – 2.2%</b>		
Advance Auto Parts, Inc.	13,797	2,830,317
AutoZone, Inc. (A)	4,588	6,846,305
Best Buy Company, Inc.	47,394	5,449,362
CarMax, Inc. (A)	32,853	4,242,965
L Brands, Inc.	49,295	3,552,198
Lowe's Companies, Inc.	151,293	29,346,303
O'Reilly Automotive, Inc. (A)	14,530	8,227,031
Ross Stores, Inc.	73,944	9,169,056
The Gap, Inc.	43,392	1,460,141
The Home Depot, Inc.	223,381	71,233,967
The TJX Companies, Inc.	249,656	16,831,808
Tractor Supply Company	24,544	4,566,657
Ulta Beauty, Inc. (A)	11,894	4,112,588
		167,868,698
<b>Textiles, apparel and luxury goods – 0.7%</b>		
Hanesbrands, Inc.	73,524	1,372,693
NIKE, Inc., Class B	263,591	40,722,174
PVH Corp. (A)	14,980	1,611,698
Ralph Lauren Corp.	10,171	1,198,246
Tapestry, Inc. (A)	58,336	2,536,449
Under Armour, Inc., Class A (A)	39,815	842,087
Under Armour, Inc., Class C (A)	41,065	762,577
VF Corp.	65,973	5,412,425
		54,458,349
		927,849,964
<b>Consumer staples – 5.7%</b>		
<b>Beverages – 1.4%</b>		
Brown-Forman Corp., Class B	38,545	2,888,562

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## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Beverages (continued)</b>		
Constellation Brands, Inc., Class A	35,482	\$ 8,298,885
Molson Coors Beverage Company, Class B (A)	39,713	2,132,191
Monster Beverage Corp. (A)	76,518	6,989,919
PepsiCo, Inc.	286,324	42,424,627
The Coca-Cola Company	805,444	43,582,575
		106,316,759
<b>Food and staples retailing – 1.3%</b>		
Costco Wholesale Corp.	91,846	36,340,707
Sysco Corp.	105,637	8,213,277
The Kroger Company	160,095	6,133,239
Walgreens Boots Alliance, Inc.	148,678	7,821,950
Walmart, Inc.	287,090	40,485,432
		98,994,605
<b>Food products – 0.9%</b>		
Archer-Daniels-Midland Company	114,706	6,951,184
Campbell Soup Company	42,753	1,949,109
Conagra Brands, Inc.	99,512	3,620,247
General Mills, Inc.	126,813	7,726,716
Hormel Foods Corp.	59,256	2,829,474
Kellogg Company	53,588	3,447,316
Lamb Weston Holdings, Inc.	30,687	2,475,213
McCormick & Company, Inc.	52,348	4,623,375
Mondelez International, Inc., Class A	293,175	18,305,847
The Hershey Company	30,266	5,271,732
The J.M. Smucker Company	22,403	2,902,757
The Kraft Heinz Company	133,071	5,426,635
Tyson Foods, Inc., Class A	60,152	4,436,812
		69,966,417
<b>Household products – 1.3%</b>		
Church & Dwight Company, Inc.	49,678	4,233,559
Colgate-Palmolive Company	175,659	14,289,860
Kimberly-Clark Corp.	70,812	9,473,229
The Clorox Company	26,017	4,680,718
The Procter & Gamble Company	511,221	68,979,050
		101,656,416
<b>Personal products – 0.2%</b>		
The Estee Lauder Companies, Inc., Class A	47,854	15,221,400
<b>Tobacco – 0.6%</b>		
Altria Group, Inc.	386,804	18,442,815
Philip Morris International, Inc.	321,906	31,904,104
		50,346,919
		442,502,516
<b>Energy – 2.8%</b>		
<b>Energy equipment and services – 0.3%</b>		
Baker Hughes Company	153,365	3,507,458
Halliburton Company	185,514	4,289,084
NOV, Inc. (A)	81,997	1,256,194
Schlumberger NV	287,462	9,201,659
		18,254,395
<b>Oil, gas and consumable fuels – 2.5%</b>		
APA Corp.	79,711	1,724,149
Cabot Oil & Gas Corp.	84,171	1,469,626
Chevron Corp.	400,967	41,997,284
ConocoPhillips	282,672	17,214,725
Devon Energy Corp.	122,048	3,562,581
Diamondback Energy, Inc.	37,272	3,499,468
EOG Resources, Inc.	120,497	10,054,270
Exxon Mobil Corp.	880,280	55,528,062
Hess Corp.	55,437	4,840,759
Kinder Morgan, Inc.	402,209	7,332,270

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Marathon Oil Corp.	166,711	\$ 2,270,604
Marathon Petroleum Corp.	134,300	8,114,406
Occidental Petroleum Corp.	176,783	5,528,004
ONEOK, Inc.	89,644	4,987,792
Phillips 66	90,294	7,749,031
Pioneer Natural Resources Company	42,463	6,901,087
The Williams Companies, Inc.	250,317	6,645,916
Valero Energy Corp.	83,463	6,516,791
		195,936,825
		214,191,220
<b>Financials – 11.0%</b>		
<b>Banks – 4.2%</b>		
Bank of America Corp.	1,575,766	64,968,832
Citigroup, Inc.	433,233	30,651,235
Citizens Financial Group, Inc.	86,473	3,966,517
Comerica, Inc.	29,362	2,094,685
Fifth Third Bancorp	145,653	5,568,314
First Republic Bank	36,347	6,803,068
Huntington Bancshares, Inc.	214,834	3,065,681
JPMorgan Chase & Co.	633,220	98,491,039
KeyCorp	197,883	4,086,284
M&T Bank Corp.	27,090	3,936,448
People's United Financial, Inc.	89,701	1,537,475
Regions Financial Corp.	192,883	3,892,379
SVB Financial Group (A)	10,931	6,082,336
The PNC Financial Services Group, Inc.	88,019	16,790,504
Truist Financial Corp.	279,836	15,530,898
U.S. Bancorp	285,014	16,237,248
Wells Fargo & Company	859,895	38,944,645
Zions Bancorp NA	34,628	1,830,436
		324,478,024
<b>Capital markets – 3.0%</b>		
Ameriprise Financial, Inc.	24,564	6,113,488
BlackRock, Inc.	29,584	25,885,112
Choe Global Markets, Inc.	22,967	2,734,221
CME Group, Inc.	74,746	15,896,979
Franklin Resources, Inc.	56,488	1,807,051
Intercontinental Exchange, Inc.	116,886	13,874,368
Invesco, Ltd.	79,512	2,125,356
MarketAxess Holdings, Inc.	7,788	3,610,439
Moody's Corp.	33,592	12,172,733
Morgan Stanley	311,352	28,547,865
MSCI, Inc.	17,229	9,184,435
Nasdaq, Inc.	24,281	4,268,600
Northern Trust Corp.	43,945	5,080,921
Raymond James Financial, Inc.	25,779	3,348,692
S&P Global, Inc.	50,115	20,569,702
State Street Corp.	72,595	5,973,117
T. Rowe Price Group, Inc.	47,073	9,319,042
The Bank of New York Mellon Corp.	168,904	8,652,952
The Charles Schwab Corp.	310,276	22,591,196
The Goldman Sachs Group, Inc.	71,647	27,192,186
		228,948,455
<b>Consumer finance – 0.6%</b>		
American Express Company	135,738	22,427,990
Capital One Financial Corp.	95,047	14,702,820
Discover Financial Services	63,208	7,476,874
Synchrony Financial	110,714	5,371,843
		49,979,527
<b>Diversified financial services – 1.4%</b>		
Berkshire Hathaway, Inc., Class B (A)	395,716	109,977,391
<b>Insurance – 1.8%</b>		
Aflac, Inc.	132,092	7,088,057

# John Hancock Variable Insurance Trust

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## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
American International Group, Inc.	178,533	\$ 8,498,171
Aon PLC, Class A	46,673	11,143,645
Arthur J. Gallagher & Company	40,441	5,664,975
Assurant, Inc.	11,085	1,731,255
Chubb, Ltd.	93,942	14,931,141
Cincinnati Financial Corp.	31,591	3,684,142
Everest Re Group, Ltd.	8,441	2,127,216
Globe Life, Inc.	19,308	1,839,087
Lincoln National Corp.	38,361	2,410,605
Loews Corp.	47,418	2,591,394
Marsh & McLennan Companies, Inc.	105,568	14,851,306
MetLife, Inc.	155,891	9,330,076
Principal Financial Group, Inc.	50,440	3,187,304
Prudential Financial, Inc.	81,754	8,377,332
The Allstate Corp.	63,254	8,250,852
The Hartford Financial Services Group, Inc.	71,995	4,461,530
The Progressive Corp.	121,880	11,969,835
The Travelers Companies, Inc.	52,525	7,863,518
Unum Group	42,987	1,220,831
W.R. Berkley Corp.	29,696	2,210,273
Willis Towers Watson PLC	26,600	6,118,532
		139,551,077
		852,934,474
<b>Health care – 12.7%</b>		
<b>Biotechnology – 1.7%</b>		
AbbVie, Inc.	367,530	41,398,579
Alexion Pharmaceuticals, Inc. (A)	45,465	8,352,375
Amgen, Inc.	119,871	29,218,556
Biogen, Inc. (A)	31,224	10,811,934
Gilead Sciences, Inc.	261,008	17,973,011
Incyte Corp. (A)	39,257	3,302,691
Regeneron Pharmaceuticals, Inc. (A)	21,811	12,182,316
Vertex Pharmaceuticals, Inc. (A)	54,128	10,913,829
		134,153,291
<b>Health care equipment and supplies – 3.5%</b>		
Abbott Laboratories	367,222	42,572,046
ABIOMED, Inc. (A)	9,513	2,969,102
Align Technology, Inc. (A)	14,890	9,097,790
Baxter International, Inc.	104,277	8,394,299
Becton, Dickinson and Company	60,362	14,679,435
Boston Scientific Corp. (A)	292,552	12,509,524
Danaher Corp.	131,642	35,327,447
Dentsply Sirona, Inc.	46,141	2,918,880
DexCom, Inc. (A)	19,851	8,476,377
Edwards Lifesciences Corp. (A)	129,668	13,429,715
Hologic, Inc. (A)	52,931	3,531,556
IDEXX Laboratories, Inc. (A)	17,685	11,168,962
Intuitive Surgical, Inc. (A)	24,473	22,506,350
Medtronic PLC	280,237	34,785,819
ResMed, Inc.	29,984	7,391,656
STERIS PLC	17,961	3,705,354
Stryker Corp.	68,049	17,674,367
Teleflex, Inc.	9,823	3,946,783
The Cooper Companies, Inc.	9,999	3,962,304
West Pharmaceutical Services, Inc.	15,594	5,599,805
Zimmer Biomet Holdings, Inc.	42,853	6,891,619
		271,539,190
<b>Health care providers and services – 2.6%</b>		
AmerisourceBergen Corp.	31,039	3,553,655
Anthem, Inc.	50,822	19,403,840
Cardinal Health, Inc.	61,757	3,525,707
Centene Corp. (A)	120,248	8,769,687
Cigna Corp.	73,047	17,317,252

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
CVS Health Corp.	272,382	\$ 22,727,554
DaVita, Inc. (A)	14,743	1,775,499
HCA Healthcare, Inc.	54,879	11,345,684
Henry Schein, Inc. (A)	30,149	2,236,754
Humana, Inc.	26,732	11,834,791
Laboratory Corp. of America Holdings (A)	19,927	5,496,863
McKesson Corp.	33,385	6,384,547
Quest Diagnostics, Inc.	28,362	3,742,933
UnitedHealth Group, Inc.	196,238	78,581,545
Universal Health Services, Inc., Class B	16,409	2,402,770
		199,099,081
<b>Health care technology – 0.1%</b>		
Cerner Corp.	64,490	5,040,538
<b>Life sciences tools and services – 1.3%</b>		
Agilent Technologies, Inc.	63,653	9,408,550
Bio-Rad Laboratories, Inc., Class A (A)	4,517	2,910,258
Charles River Laboratories International, Inc. (A)	10,631	3,932,620
Illumina, Inc. (A)	30,376	14,374,227
IQVIA Holdings, Inc. (A)	39,650	9,607,988
Mettler-Toledo International, Inc. (A)	4,753	6,584,521
PerkinElmer, Inc.	23,613	3,646,083
Thermo Fisher Scientific, Inc.	81,729	41,229,829
Waters Corp. (A)	13,077	4,519,542
		96,213,618
<b>Pharmaceuticals – 3.5%</b>		
Bristol-Myers Squibb Company	465,046	31,074,374
Catalent, Inc. (A)	34,663	3,747,764
Eli Lilly & Company	165,283	37,935,754
Johnson & Johnson	545,691	89,897,135
Merck & Company, Inc.	524,216	40,768,278
Organon & Company (A)	52,421	1,586,259
Perrigo Company PLC	28,821	1,321,443
Pfizer, Inc.	1,157,117	45,312,702
Viatris, Inc.	247,514	3,536,975
Zoetis, Inc.	98,949	18,440,136
		273,620,820
		979,666,538
<b>Industrials – 8.3%</b>		
<b>Aerospace and defense – 1.6%</b>		
General Dynamics Corp.	48,236	9,080,909
Howmet Aerospace, Inc. (A)	82,893	2,857,322
Huntington Ingalls Industries, Inc.	8,551	1,802,123
L3Harris Technologies, Inc.	42,594	9,206,693
Lockheed Martin Corp.	51,285	19,403,680
Northrop Grumman Corp.	32,274	11,729,340
Raytheon Technologies Corp.	316,075	26,964,358
Teledyne Technologies, Inc. (A)	7,785	3,260,592
Textron, Inc.	44,378	3,051,875
The Boeing Company (A)	113,847	27,273,187
TransDigm Group, Inc. (A)	11,232	7,270,361
		121,900,440
<b>Air freight and logistics – 0.7%</b>		
CH Robinson Worldwide, Inc.	28,472	2,666,972
Expeditors International of Washington, Inc.	35,406	4,482,400
FedEx Corp.	50,312	15,009,579
United Parcel Service, Inc., Class B	149,862	31,166,800
		53,325,751
<b>Airlines – 0.3%</b>		
Alaska Air Group, Inc. (A)	26,110	1,574,694
American Airlines Group, Inc. (A)	135,186	2,867,295
Delta Air Lines, Inc. (A)	131,545	5,690,637

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## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Airlines (continued)</b>		
Southwest Airlines Company (A)	121,733	\$ 6,462,805
United Airlines Holdings, Inc. (A)	65,955	3,448,787
		20,044,218
<b>Building products – 0.5%</b>		
A.O. Smith Corp.	28,588	2,060,051
Allegion PLC	17,768	2,475,082
Carrier Global Corp.	168,529	8,190,509
Fortune Brands Home & Security, Inc.	29,174	2,906,022
Johnson Controls International PLC	150,495	10,328,472
Masco Corp.	51,557	3,037,223
Trane Technologies PLC	49,610	9,135,185
		38,132,544
<b>Commercial services and supplies – 0.4%</b>		
Cintas Corp.	18,360	7,013,520
Copart, Inc. (A)	43,630	5,751,743
Republic Services, Inc.	44,391	4,883,454
Rollins, Inc.	46,720	1,597,824
Waste Management, Inc.	80,776	11,317,525
		30,564,066
<b>Construction and engineering – 0.0%</b>		
Quanta Services, Inc.	29,147	2,639,844
<b>Electrical equipment – 0.5%</b>		
AMETEK, Inc.	47,383	6,325,631
Eaton Corp. PLC	82,979	12,295,828
Emerson Electric Company	124,414	11,973,603
Generac Holdings, Inc. (A)	13,024	5,406,914
Rockwell Automation, Inc.	23,962	6,853,611
		42,855,587
<b>Industrial conglomerates – 1.2%</b>		
3M Company	120,021	23,839,771
General Electric Company	1,822,944	24,536,826
Honeywell International, Inc.	144,293	31,650,670
Roper Technologies, Inc.	21,805	10,252,711
		90,279,978
<b>Machinery – 1.6%</b>		
Caterpillar, Inc.	113,175	24,630,275
Cummins, Inc.	30,604	7,461,561
Deere & Company	65,279	23,024,556
Dover Corp.	29,330	4,417,098
Fortive Corp.	69,301	4,833,052
IDEX Corp.	15,946	3,508,917
Illinois Tool Works, Inc.	60,045	13,423,660
Ingersoll Rand, Inc. (A)	78,385	3,825,972
Otis Worldwide Corp.	83,983	6,867,290
PACCAR, Inc.	71,607	6,390,925
Parker-Hannifin Corp.	26,674	8,191,852
Pentair PLC	35,036	2,364,580
Snap-on, Inc.	11,502	2,569,892
Stanley Black & Decker, Inc.	32,999	6,764,465
Wabtec Corp.	37,776	3,108,965
Xylem, Inc.	38,003	4,558,840
		125,941,900
<b>Professional services – 0.4%</b>		
Equifax, Inc.	24,978	5,982,481
IHS Markit, Ltd.	77,293	8,707,829
Jacobs Engineering Group, Inc.	26,277	3,505,877
Leidos Holdings, Inc.	28,226	2,853,649
Nielsen Holdings PLC	75,338	1,858,588
Robert Half International, Inc.	24,208	2,153,786
Verisk Analytics, Inc.	33,630	5,875,834
		30,938,044

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Road and rail – 0.9%</b>		
CSX Corp.	477,843	\$ 15,329,203
JB Hunt Transport Services, Inc.	17,602	2,868,246
Kansas City Southern	18,312	5,189,071
Norfolk Southern Corp.	52,092	13,825,738
Old Dominion Freight Line, Inc.	19,653	4,987,931
Union Pacific Corp.	138,972	30,564,112
		72,764,301
<b>Trading companies and distributors – 0.2%</b>		
Fastenal Company	118,516	6,162,832
United Rentals, Inc. (A)	15,222	4,855,970
W.W. Grainger, Inc.	9,184	4,022,592
		15,041,394
		644,428,067
<b>Information technology – 26.8%</b>		
<b>Communications equipment – 0.8%</b>		
Arista Networks, Inc. (A)	11,106	4,023,815
Cisco Systems, Inc.	875,489	46,400,917
F5 Networks, Inc. (A)	12,918	2,411,274
Juniper Networks, Inc.	70,058	1,916,086
Motorola Solutions, Inc.	35,078	7,606,664
		62,358,756
<b>Electronic equipment, instruments and components – 0.6%</b>		
Amphenol Corp., Class A	124,040	8,485,576
CDW Corp.	28,823	5,033,937
Corning, Inc.	160,696	6,572,466
IPG Photonics Corp. (A)	7,535	1,588,152
Keysight Technologies, Inc. (A)	38,474	5,940,770
TE Connectivity, Ltd.	68,576	9,272,161
Trimble, Inc. (A)	51,229	4,192,069
Zebra Technologies Corp., Class A (A)	10,921	5,782,560
		46,867,691
<b>IT services – 5.0%</b>		
Accenture PLC, Class A	131,905	38,884,275
Akamai Technologies, Inc. (A)	34,360	4,006,376
Automatic Data Processing, Inc.	88,128	17,503,983
Broadridge Financial Solutions, Inc.	24,320	3,928,410
Cognizant Technology Solutions Corp., Class A	108,530	7,516,788
DXC Technology Company (A)	53,680	2,090,299
Fidelity National Information Services, Inc.	129,121	18,292,572
Fiserv, Inc. (A)	119,415	12,764,269
FleetCor Technologies, Inc. (A)	17,287	4,426,509
Gartner, Inc. (A)	17,709	4,289,120
Global Payments, Inc.	61,193	11,476,135
IBM Corp.	185,426	27,181,597
Jack Henry & Associates, Inc.	15,371	2,513,312
Mastercard, Inc., Class A	181,953	66,429,221
Paychex, Inc.	66,285	7,112,381
PayPal Holdings, Inc. (A)	243,074	70,851,210
The Western Union Company	86,795	1,993,681
VeriSign, Inc. (A)	20,742	4,722,746
Visa, Inc., Class A	351,979	82,299,730
		388,282,614
<b>Semiconductors and semiconductor equipment – 5.6%</b>		
Advanced Micro Devices, Inc. (A)	250,317	23,512,276
Analog Devices, Inc.	76,878	13,235,316
Applied Materials, Inc.	190,083	27,067,819
Broadcom, Inc.	84,730	40,402,653
Enphase Energy, Inc. (A)	26,769	4,915,591
Intel Corp.	843,347	47,345,501
KLA Corp.	32,133	10,417,840
Lam Research Corp.	29,597	19,258,768
Maxim Integrated Products, Inc.	56,380	5,940,197

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
Microchip Technology, Inc.	55,828	\$ 8,359,685
Micron Technology, Inc. (A)	231,692	19,689,186
Monolithic Power Systems, Inc.	8,697	3,247,895
NVIDIA Corp.	128,862	103,102,486
NXP Semiconductors NV	57,438	11,816,145
Qorvo, Inc. (A)	23,309	4,560,406
QUALCOMM, Inc.	235,434	33,650,582
Skyworks Solutions, Inc.	34,395	6,595,241
Teradyne, Inc.	35,062	4,696,906
Texas Instruments, Inc.	191,180	36,763,914
Xilinx, Inc.	50,740	7,339,034
		431,917,441
<b>Software – 8.7%</b>		
Adobe, Inc. (A)	99,421	58,224,914
ANSYS, Inc. (A)	17,740	6,156,844
Autodesk, Inc. (A)	45,755	13,355,885
Cadence Design Systems, Inc. (A)	57,841	7,913,806
Citrix Systems, Inc.	25,084	2,941,601
Fortinet, Inc. (A)	28,366	6,756,498
Intuit, Inc.	56,819	27,850,969
Microsoft Corp.	1,565,667	424,139,190
NortonLifeLock, Inc.	124,806	3,397,219
Oracle Corp.	385,225	29,985,914
Paycom Software, Inc. (A)	10,034	3,647,058
PTC, Inc. (A)	23,077	3,259,857
salesforce.com, Inc. (A)	190,467	46,525,374
ServiceNow, Inc. (A)	40,504	22,258,973
Synopsys, Inc. (A)	32,049	8,838,794
Tyler Technologies, Inc. (A)	8,498	3,844,240
		669,097,136
<b>Technology hardware, storage and peripherals – 6.1%</b>		
Apple, Inc.	3,260,758	446,593,414
Hewlett Packard Enterprise Company	271,657	3,960,759
HP, Inc.	260,023	7,850,094
NetApp, Inc.	46,883	3,835,967
Seagate Technology Holdings PLC	41,677	3,664,659
Western Digital Corp. (A)	63,887	4,546,838
		470,451,731
		2,068,975,369
<b>Materials – 2.5%</b>		
<b>Chemicals – 1.7%</b>		
Air Products & Chemicals, Inc.	46,023	13,239,897
Albemarle Corp.	24,100	4,059,886
Celanese Corp.	23,983	3,635,823
CF Industries Holdings, Inc.	45,166	2,323,791
Corteva, Inc.	154,765	6,863,828
Dow, Inc.	154,100	9,751,448
DuPont de Nemours, Inc.	112,723	8,725,887
Eastman Chemical Company	28,583	3,337,065
Ecolab, Inc.	51,678	10,644,118
FMC Corp.	27,361	2,960,460
International Flavors & Fragrances, Inc.	51,188	7,647,487
Linde PLC	108,402	31,339,018
LyondellBasell Industries NV, Class A	52,830	5,434,622
PPG Industries, Inc.	48,926	8,306,167
The Mosaic Company	72,850	2,324,644
The Sherwin-Williams Company	50,064	13,639,937
		134,234,078
<b>Construction materials – 0.1%</b>		
Martin Marietta Materials, Inc.	13,150	4,626,302
Vulcan Materials Company	27,028	4,704,764
		9,331,066

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Containers and packaging – 0.3%</b>		
Amcor PLC	319,858	\$ 3,665,573
Avery Dennison Corp.	17,625	3,705,480
Ball Corp.	67,530	5,471,281
International Paper Company	80,384	4,928,343
Packaging Corp. of America	20,027	2,712,056
Sealed Air Corp.	32,875	1,947,844
Westrock Company	54,829	2,917,999
		25,348,576
<b>Metals and mining – 0.4%</b>		
Freeport-McMoRan, Inc.	301,362	11,183,544
Newmont Corp.	167,196	10,596,882
Nucor Corp.	60,772	5,829,858
		27,610,284
		196,524,004
<b>Real estate – 2.5%</b>		
<b>Equity real estate investment trusts – 2.4%</b>		
Alexandria Real Estate Equities, Inc.	25,719	4,679,315
American Tower Corp.	92,576	25,008,481
AvalonBay Communities, Inc.	28,919	6,035,106
Boston Properties, Inc.	29,909	3,427,272
Crown Castle International Corp.	89,878	17,535,198
Digital Realty Trust, Inc.	58,298	8,771,517
Duke Realty Corp.	78,255	3,705,374
Equinix, Inc.	18,513	14,858,534
Equity Residential	70,120	5,399,240
Essex Property Trust, Inc.	13,232	3,969,732
Extra Space Storage, Inc.	27,257	4,465,242
Federal Realty Investment Trust	14,536	1,703,183
Healthpeak Properties, Inc.	109,414	3,642,392
Host Hotels & Resorts, Inc. (A)	148,936	2,545,316
Iron Mountain, Inc.	60,850	2,575,172
Kimco Realty Corp.	91,336	1,904,356
Mid-America Apartment Communities, Inc.	24,151	4,067,511
Prologis, Inc.	154,035	18,411,804
Public Storage	31,542	9,484,364
Realty Income Corp.	77,177	5,150,793
Regency Centers Corp.	33,314	2,134,428
SBA Communications Corp.	22,363	7,127,088
Simon Property Group, Inc.	68,047	8,878,773
UDR, Inc.	62,311	3,051,993
Ventas, Inc.	78,788	4,498,795
Vornado Realty Trust	33,101	1,544,824
Welltower, Inc.	86,175	7,161,143
Weyerhaeuser Company	153,772	5,292,832
		187,029,778
<b>Real estate management and development – 0.1%</b>		
CBRE Group, Inc., Class A (A)	68,835	5,901,225
		192,931,003
<b>Utilities – 2.4%</b>		
<b>Electric utilities – 1.5%</b>		
Alliant Energy Corp.	52,719	2,939,611
American Electric Power Company, Inc.	103,212	8,730,703
Duke Energy Corp.	159,317	15,727,774
Edison International	77,804	4,498,627
Entergy Corp.	40,990	4,086,703
Eversource Energy	47,901	2,894,657
Exelon Corp.	70,847	5,684,763
FirstEnergy Corp.	202,740	8,983,409
NextEra Energy, Inc.	114,481	4,259,838
NRG Energy, Inc.	408,117	29,906,814
Pinnacle West Capital Corp.	51,556	2,077,707
PPL Corp.	23,769	1,948,345
	157,606	4,408,240

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electric utilities (continued)</b>		
The Southern Company	219,931	\$ 13,308,025
Xcel Energy, Inc.	112,306	7,398,719
		<u>116,853,935</u>
<b>Gas utilities – 0.0%</b>		
Atmos Energy Corp.	26,050	2,503,666
<b>Independent power and renewable electricity producers – 0.1%</b>		
The AES Corp.	140,460	3,661,792
<b>Multi-utilities – 0.7%</b>		
Ameren Corp.	52,178	4,176,327
CenterPoint Energy, Inc.	115,054	2,821,124
CMS Energy Corp.	60,456	3,571,740
Consolidated Edison, Inc.	70,638	5,066,157
Dominion Energy, Inc.	166,972	12,284,130
DTE Energy Company	40,684	5,272,646
NiSource, Inc.	80,885	1,981,683
Public Service Enterprise Group, Inc.	104,537	6,245,040
Sempra Energy	62,789	8,318,287
WEC Energy Group, Inc.	65,208	5,800,252
		<u>55,537,386</u>
<b>Water utilities – 0.1%</b>		
American Water Works Company, Inc.	37,404	5,765,079
		<u>184,321,858</u>
<b>TOTAL COMMON STOCKS (Cost \$2,797,694,221)</b>		<b>\$ 7,544,990,879</b>
<b>SHORT-TERM INVESTMENTS – 2.4%</b>		
<b>U.S. Government – 0.6%</b>		
U.S. Cash Management Bill 0.013%, 09/21/2021 *	\$ 48,000,000	47,994,752
<b>U.S. Government Agency – 1.7%</b>		
Federal Home Loan Bank Discount Note 0.009%, 07/30/2021 *	20,000,000	19,999,517
0.014%, 08/06/2021 *	48,000,000	47,998,080
0.015%, 07/14/2021 *	12,500,000	12,499,865

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
S&P 500 Index E-Mini Futures	939	Long	Sep 2021	\$198,554,359	\$201,349,770	\$2,795,411
						<u>\$2,795,411</u>

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

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

## American Asset Allocation Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American Asset Allocation Fund - Class 1	51,073,901	\$ 1,438,751,803
<b>TOTAL INVESTMENT COMPANIES (Cost \$1,011,849,344)</b>		<b>\$ 1,438,751,803</b>
<b>Total Investments (American Asset Allocation Trust) (Cost \$1,011,849,344) - 100.0%</b>		<b>\$ 1,438,751,803</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(43,292)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 1,438,708,511</b>

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>U.S. Government Agency (continued)</b>		
Federal Home Loan Bank Discount Note (continued)		
0.020%, 07/13/2021 *	\$ 7,000,000	\$ 6,999,930
0.020%, 07/16/2021 *	8,000,000	7,999,900
0.035%, 08/25/2021 *	10,000,000	9,999,389
0.040%, 07/19/2021 *	14,000,000	13,999,790
0.040%, 07/27/2021 *	10,000,000	9,999,783
		<u>129,496,254</u>
<b>Short-term funds – 0.0%</b>		
John Hancock Collateral Trust, 0.0324% (C)(D)	103,598	1,036,455
<b>Repurchase agreement – 0.1%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$9,525,000 on 7-1-21, collateralized by \$10,038,900 U.S. Treasury Notes, 0.500% due 5-31-27 (valued at \$9,715,576)		
	\$ 9,525,000	9,525,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$188,058,311)</b>		<b>\$ 188,052,461</b>
<b>Total Investments (500 Index Trust) (Cost \$2,985,752,532) – 100.0%</b>		<b>\$ 7,733,043,340</b>
<b>Other assets and liabilities, net – (0.0%)</b>		<b>(549,759)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 7,732,493,581</b>

### Security Abbreviations and Legend

- (A) Non-income producing security.  
 (B) All or a portion of this security is on loan as of 6-30-21.  
 (C) The rate shown is the annualized seven-day yield as of 6-30-21.  
 (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 Asset Allocation Trust (continued)

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## American Asset Allocation Trust (continued) American Global Growth Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American Global Growth Fund - Class 1	5,796,611	\$ 253,080,024
<b>TOTAL INVESTMENT COMPANIES (Cost \$164,531,438)</b>		<b>\$ 253,080,024</b>
<b>Total Investments (American Global Growth Trust) (Cost \$164,531,438) - 100.0%</b>		<b>\$ 253,080,024</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(23,734)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 253,056,290</b>

## American Growth Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American Growth Fund - Class 1	9,257,106	\$ 1,095,023,124
<b>TOTAL INVESTMENT COMPANIES (Cost \$710,267,808)</b>		<b>\$ 1,095,023,124</b>
<b>Total Investments (American Growth Trust) (Cost \$710,267,808) - 100.0%</b>		<b>\$ 1,095,023,124</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(35,604)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 1,094,987,520</b>

## American Growth-Income Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American Growth-Income Fund - Class 1	17,333,123	\$ 1,082,280,216
<b>TOTAL INVESTMENT COMPANIES (Cost \$806,832,320)</b>		<b>\$ 1,082,280,216</b>
<b>Total Investments (American Growth-Income Trust) (Cost \$806,832,320) - 100.0%</b>		<b>\$ 1,082,280,216</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(38,722)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 1,082,241,494</b>

## American International Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American International Fund - Class 1	20,712,368	\$ 512,423,975
<b>TOTAL INVESTMENT COMPANIES (Cost \$386,433,398)</b>		<b>\$ 512,423,975</b>
<b>Total Investments (American International Trust) (Cost \$386,433,398) - 100.0%</b>		<b>\$ 512,423,975</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(26,633)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 512,397,342</b>

## Blue Chip Growth Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 99.6%</b>		
<b>Communication services – 27.0%</b>		
<b>Entertainment – 4.7%</b>		
Live Nation Entertainment, Inc. (A)	52,900	\$ 4,633,511

## Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Entertainment (continued)</b>		
Netflix, Inc. (A)	78,634	\$ 41,535,265
ROBLOX Corp., Class A (A)	8,666	779,767
Roku, Inc. (A)	11,900	5,465,075
Sea, Ltd., ADR (A)	173,791	47,723,009
Spotify Technology SA (A)	38,048	10,485,648
The Walt Disney Company (A)	22,518	3,957,989
		<b>114,580,264</b>
<b>Interactive media and services – 22.1%</b>		
Alphabet, Inc., Class A (A)	15,868	38,746,324
Alphabet, Inc., Class C (A)	69,346	173,803,267
Facebook, Inc., Class A (A)	533,183	185,393,061
IAC/InterActiveCorp (A)	29,451	4,540,461
Match Group, Inc. (A)	155,093	25,008,746
Pinterest, Inc., Class A (A)	265,528	20,963,436
Snap, Inc., Class A (A)	689,970	47,014,556
Tencent Holdings, Ltd.	617,100	46,462,985
Vimeo, Inc. (A)	46,032	2,255,568
		<b>544,188,404</b>
<b>Wireless telecommunication services – 0.2%</b>		
T-Mobile US, Inc. (A)	40,517	5,868,077
		<b>664,636,745</b>
<b>Consumer discretionary – 18.3%</b>		
<b>Auto components – 0.1%</b>		
Aptiv PLC (A)	18,595	2,925,551
<b>Hotels, restaurants and leisure – 2.0%</b>		
Booking Holdings, Inc. (A)	7,817	17,104,300
Chipotle Mexican Grill, Inc. (A)	11,118	17,236,680
Expedia Group, Inc. (A)	4,600	753,066
Hilton Worldwide Holdings, Inc. (A)	31,907	3,848,622
Marriott International, Inc., Class A (A)	10,722	1,463,767
McDonald's Corp.	6,765	1,562,647
Starbucks Corp.	23,835	2,664,991
Yum! Brands, Inc.	35,290	4,059,409
		<b>48,693,482</b>
<b>Internet and direct marketing retail – 12.8%</b>		
Alibaba Group Holding, Ltd., ADR (A)	88,603	20,093,388
Amazon.com, Inc. (A)	79,917	274,927,264
Coupang, Inc. (A)(B)	3,573	149,423
DoorDash, Inc., Class A (A)	61,435	10,955,704
Etsy, Inc. (A)	30,674	6,313,936
JD.com, Inc., ADR (A)	21,153	1,688,221
Pinduoduo, Inc., ADR (A)	9,649	1,225,616
Wayfair, Inc., Class A (A)	800	252,568
		<b>315,606,120</b>
<b>Multiline retail – 0.7%</b>		
Dollar General Corp.	82,170	17,780,766
<b>Specialty retail – 1.4%</b>		
Carvana Company (A)	38,866	11,730,536
Ross Stores, Inc.	151,489	18,784,636
The TJX Companies, Inc.	50,517	3,405,856
		<b>33,921,028</b>
<b>Textiles, apparel and luxury goods – 1.3%</b>		
Lululemon Athletica, Inc. (A)	50,001	18,248,865
NIKE, Inc., Class B	79,783	12,325,676
		<b>30,574,541</b>
		<b>449,501,488</b>
<b>Consumer staples – 0.0%</b>		
<b>Personal products – 0.0%</b>		
The Estee Lauder Companies, Inc., Class A	2,701	859,134
<b>Financials – 2.8%</b>		

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets – 2.6%</b>		
Morgan Stanley	21,092	\$ 1,933,925
MSCI, Inc.	4,800	2,558,784
S&P Global, Inc.	50,725	20,820,076
The Charles Schwab Corp.	149,954	10,918,151
The Goldman Sachs Group, Inc.	71,605	27,176,246
		63,407,182
<b>Insurance – 0.2%</b>		
Chubb, Ltd.	4,845	770,064
Marsh & McLennan Companies, Inc.	32,031	4,506,121
		5,276,185
		68,683,367
<b>Health care – 10.6%</b>		
<b>Biotechnology – 0.2%</b>		
Exact Sciences Corp. (A)	1,343	166,948
Incyte Corp. (A)	57,275	4,818,546
Vertex Pharmaceuticals, Inc. (A)	6,139	1,237,807
		6,223,301
<b>Health care equipment and supplies – 4.2%</b>		
Align Technology, Inc. (A)	5,492	3,355,612
Danaher Corp.	96,830	25,985,299
Dentsply Sirona, Inc.	103,001	6,515,843
Intuitive Surgical, Inc. (A)	41,205	37,893,766
Stryker Corp.	114,208	29,663,244
		103,413,764
<b>Health care providers and services – 4.6%</b>		
Anthem, Inc.	36,316	13,865,449
Centene Corp. (A)	97,913	7,140,795
Cigna Corp.	105,237	24,948,536
HCA Healthcare, Inc.	83,995	17,365,126
Humana, Inc.	4,690	2,076,357
UnitedHealth Group, Inc.	117,600	47,091,744
		112,488,007
<b>Health care technology – 0.3%</b>		
Veeva Systems, Inc., Class A (A)	22,690	7,055,456
<b>Life sciences tools and services – 0.5%</b>		
Thermo Fisher Scientific, Inc.	24,396	12,307,050
<b>Pharmaceuticals – 0.8%</b>		
AstraZeneca PLC, ADR (B)	97,503	5,840,430
Eli Lilly & Company	2,020	463,630
Zoetis, Inc.	70,782	13,190,934
		19,494,994
		260,982,572
<b>Industrials – 2.0%</b>		
<b>Commercial services and supplies – 0.2%</b>		
Cintas Corp.	8,142	3,110,244
Copart, Inc. (A)	11,544	1,521,846
		4,632,090
<b>Electrical equipment – 0.2%</b>		
Generac Holdings, Inc. (A)	13,273	5,510,286
<b>Industrial conglomerates – 0.8%</b>		
General Electric Company	598,965	8,062,069
Roper Technologies, Inc.	24,195	11,376,489
		19,438,558
<b>Professional services – 0.8%</b>		
CoStar Group, Inc. (A)	134,810	11,164,964
Equifax, Inc.	13,810	3,307,633
TransUnion	31,400	3,448,034
		17,920,631

## Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Road and rail – 0.0%</b>		
Union Pacific Corp.	1,084	\$ 238,404
		47,739,969
<b>Information technology – 38.4%</b>		
<b>Electronic equipment, instruments and components – 0.2%</b>		
TE Connectivity, Ltd.	29,914	4,044,672
<b>IT services – 12.5%</b>		
Automatic Data Processing, Inc.	902	179,155
Fidelity National Information Services, Inc.	95,767	13,567,311
Fiserv, Inc. (A)	181,877	19,440,833
Global Payments, Inc.	227,770	42,715,986
Mastercard, Inc., Class A	141,211	51,554,724
MongoDB, Inc. (A)	32,256	11,661,189
PayPal Holdings, Inc. (A)	231,432	67,457,799
Shopify, Inc., Class A (A)	10,265	14,996,960
Snowflake, Inc., Class A (A)	5,025	1,215,045
Square, Inc., Class A (A)	6,309	1,538,134
Twilio, Inc., Class A (A)	10,858	4,279,789
Visa, Inc., Class A	335,971	78,556,739
		307,163,664
<b>Semiconductors and semiconductor equipment – 4.5%</b>		
Advanced Micro Devices, Inc. (A)	194,925	18,309,305
ASML Holding NV, NYRS	27,000	18,652,680
Marvell Technology, Inc.	258,829	15,097,496
Maxim Integrated Products, Inc.	22,309	2,350,476
Microchip Technology, Inc.	35,841	5,366,831
Monolithic Power Systems, Inc.	1,482	553,453
NVIDIA Corp.	48,200	38,564,820
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	1,300	156,208
Texas Instruments, Inc.	59,625	11,465,888
		110,517,157
<b>Software – 16.7%</b>		
Atlassian Corp. PLC, Class A (A)	28,185	7,239,599
Coupa Software, Inc. (A)	18,347	4,808,932
CrowdStrike Holdings, Inc., Class A (A)	11,573	2,908,411
Datadog, Inc., Class A (A)	35,400	3,684,432
DocuSign, Inc. (A)	49,297	13,781,962
Fortinet, Inc. (A)	49,400	11,766,586
Intuit, Inc.	139,867	68,558,607
Microsoft Corp.	538,255	145,813,280
Paycom Software, Inc. (A)	5,909	2,147,744
salesforce.com, Inc. (A)	185,925	45,415,900
ServiceNow, Inc. (A)	94,887	52,145,151
Splunk, Inc. (A)	34,207	4,945,648
Synopsys, Inc. (A)	74,613	20,577,519
Workday, Inc., Class A (A)	21,427	5,115,482
Zendesk, Inc. (A)	2,965	427,968
Zoom Video Communications, Inc., Class A (A)	54,720	21,178,282
		410,515,503
<b>Technology hardware, storage and peripherals – 4.5%</b>		
Apple, Inc.	817,130	111,914,125
		944,155,121
<b>Materials – 0.5%</b>		
<b>Chemicals – 0.3%</b>		
Linde PLC	21,195	6,127,475
The Sherwin-Williams Company	6,186	1,685,376
		7,812,851
<b>Containers and packaging – 0.2%</b>		
Avery Dennison Corp.	21,227	4,462,764
		12,275,615
<b>TOTAL COMMON STOCKS (Cost \$1,284,531,572)</b>		<b>\$ 2,448,834,011</b>



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS – 0.6%</b>		
<b>Short-term funds – 0.6%</b>		
John Hancock Collateral Trust, 0.0324% (C)(D)	615,495	\$ 6,157,780
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)	1,138,666	1,138,666
T. Rowe Price Government Reserve Fund, 0.0295% (C)	8,747,561	8,747,561
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$16,044,250)</b>		<b>\$ 16,044,007</b>
<b>Total Investments (Blue Chip Growth Trust) (Cost \$1,300,575,822) – 100.2%</b>		<b>\$ 2,464,878,018</b>
<b>Other assets and liabilities, net – (0.2%)</b>		<b>(6,128,459)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 2,458,749,559</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-21.
(C)	The rate shown is the annualized seven-day yield as of 6-30-21.
(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.

## Capital Appreciation Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 99.9%</b>		
<b>Communication services – 17.6%</b>		
<b>Entertainment – 4.1%</b>		
Netflix, Inc. (A)	33,906	\$ 17,909,488
ROBLOX Corp., Class A (A)	53,099	4,777,848
Spotify Technology SA (A)	30,935	8,525,377
		31,212,713
<b>Interactive media and services – 13.5%</b>		
Alphabet, Inc., Class A (A)	8,998	21,971,226
Alphabet, Inc., Class C (A)	8,565	21,466,631
Facebook, Inc., Class A (A)	87,670	30,483,736
Match Group, Inc. (A)	95,372	15,378,735
Snap, Inc., Class A (A)	206,711	14,085,288
		103,385,616
		134,598,329
<b>Consumer discretionary – 26.0%</b>		
<b>Automobiles – 4.9%</b>		
Tesla, Inc. (A)	55,079	37,437,196
<b>Hotels, restaurants and leisure – 2.4%</b>		
Airbnb, Inc., Class A (A)	47,427	7,262,971
Chipotle Mexican Grill, Inc. (A)	5,686	8,815,233
Marriott International, Inc., Class A (A)	16,357	2,233,058
		18,311,262
<b>Internet and direct marketing retail – 7.8%</b>		
Amazon.com, Inc. (A)	15,818	54,416,452
MercadoLibre, Inc. (A)	3,613	5,628,295
		60,044,747
<b>Multiline retail – 1.5%</b>		
Target Corp.	47,669	11,523,504
<b>Specialty retail – 2.8%</b>		
Carvana Company (A)	30,074	9,076,935
The Home Depot, Inc.	11,106	3,541,592

## Capital Appreciation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
The TJX Companies, Inc.	133,997	\$ 9,034,078
		21,652,605
<b>Textiles, apparel and luxury goods – 6.6%</b>		
Kering SA	13,935	12,210,086
Lululemon Athletica, Inc. (A)	25,380	9,262,939
LVMH Moet Hennessy Louis Vuitton SE	19,830	15,599,404
NIKE, Inc., Class B	85,141	13,153,433
		50,225,862
		199,195,176
<b>Consumer staples – 3.0%</b>		
<b>Food and staples retailing – 1.1%</b>		
Costco Wholesale Corp.	22,165	8,770,026
<b>Personal products – 1.9%</b>		
The Estee Lauder Companies, Inc., Class A	45,507	14,474,867
		23,244,893
<b>Financials – 1.3%</b>		
<b>Capital markets – 1.3%</b>		
S&P Global, Inc.	14,776	6,064,809
The Goldman Sachs Group, Inc.	10,740	4,076,152
		10,140,961
<b>Health care – 4.5%</b>		
<b>Health care equipment and supplies – 2.2%</b>		
Danaher Corp.	30,487	8,181,491
DexCom, Inc. (A)	11,481	4,902,387
Intuitive Surgical, Inc. (A)	4,269	3,925,943
		17,009,821
<b>Health care providers and services – 0.8%</b>		
UnitedHealth Group, Inc.	14,202	5,687,049
<b>Pharmaceuticals – 1.5%</b>		
Eli Lilly & Company	50,688	11,633,910
		34,330,780
<b>Industrials – 3.6%</b>		
<b>Aerospace and defense – 0.8%</b>		
Safran SA	44,579	6,186,804
<b>Road and rail – 2.8%</b>		
Uber Technologies, Inc. (A)	278,777	13,972,303
Union Pacific Corp.	34,274	7,537,881
		21,510,184
		27,696,988
<b>Information technology – 43.9%</b>		
<b>IT services – 18.4%</b>		
Adyen NV (A)(B)	5,726	14,042,038
Mastercard, Inc., Class A	37,285	13,612,381
Okta, Inc. (A)	11,549	2,825,809
PayPal Holdings, Inc. (A)	60,932	17,760,459
Shopify, Inc., Class A (A)	24,545	35,859,754
Snowflake, Inc., Class A (A)	18,273	4,418,411
Square, Inc., Class A (A)	60,323	14,706,747
Twilio, Inc., Class A (A)	44,675	17,609,098
Visa, Inc., Class A	86,488	20,222,624
		141,057,321
<b>Semiconductors and semiconductor equipment – 6.1%</b>		
NVIDIA Corp.	42,261	33,813,026
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	108,106	12,990,017
		46,803,043
<b>Software – 14.9%</b>		
Adobe, Inc. (A)	44,637	26,141,213

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
Atlassian Corp. PLC, Class A (A)	26,171	\$ 6,722,283
CrowdStrike Holdings, Inc., Class A (A)	50,640	12,726,338
DocuSign, Inc. (A)	28,171	7,875,766
Microsoft Corp.	113,917	30,860,115
RingCentral, Inc., Class A (A)	13,835	4,020,174
salesforce.com, Inc. (A)	53,959	13,180,565
The Trade Desk, Inc., Class A (A)	96,200	7,442,032
Workday, Inc., Class A (A)	20,532	4,901,810
		113,870,296
<b>Technology hardware, storage and peripherals – 4.5%</b>		
Apple, Inc.	254,241	34,820,847
		336,551,507
<b>TOTAL COMMON STOCKS (Cost \$488,565,219)</b>		<b>\$ 765,758,634</b>
<b>SHORT-TERM INVESTMENTS – 0.1%</b>		
<b>Short-term funds – 0.1%</b>		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)	1,055,530	1,055,530
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$1,055,530)</b>		<b>\$ 1,055,530</b>
<b>Total Investments (Capital Appreciation Trust) (Cost \$489,620,749) – 100.0%</b>		<b>\$ 766,814,164</b>
<b>Other assets and liabilities, net – 0.0%</b>		<b>95,491</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 766,909,655</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(C)	The rate shown is the annualized seven-day yield as of 6-30-21.

## Capital Appreciation Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 71.1%</b>		
<b>Communication services – 4.6%</b>		
<b>Interactive media and services – 4.6%</b>		
Alphabet, Inc., Class A (A)(B)	1,082	\$ 2,642,017
Alphabet, Inc., Class C (A)(B)	5,841	14,639,415
Facebook, Inc., Class A (B)	13,891	4,830,040
		22,111,472
<b>Consumer discretionary – 9.7%</b>		
<b>Hotels, restaurants and leisure – 4.1%</b>		
Hilton Worldwide Holdings, Inc. (A)(B)	25,222	3,042,278
Marriott International, Inc., Class A (A)(B)	21,643	2,954,702
McDonald's Corp.	4,300	993,257
Yum! Brands, Inc.	110,242	12,681,137
		19,671,374
<b>Internet and direct marketing retail – 5.6%</b>		
Amazon.com, Inc. (A)(B)	7,699	26,485,792
<b>Specialty retail – 0.0%</b>		
Ross Stores, Inc. (A)	1,800	223,200
		46,380,366
<b>Consumer staples – 1.5%</b>		
<b>Beverages – 1.4%</b>		
Keurig Dr. Pepper, Inc.	110,597	3,897,438

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Beverages (continued)</b>		
PepsiCo, Inc.	8,000	\$ 1,185,360
The Coca-Cola Company (A)	27,100	1,466,381
		6,549,179
<b>Food products – 0.1%</b>		
Mondelez International, Inc., Class A	7,800	487,032
		7,036,211
<b>Financials – 9.3%</b>		
<b>Banks – 4.2%</b>		
Bank of America Corp. (A)	133,050	5,485,652
Huntington Bancshares, Inc.	2	29
The PNC Financial Services Group, Inc.	76,748	14,640,448
		20,126,129
<b>Capital markets – 1.0%</b>		
CME Group, Inc.	3,800	808,184
Intercontinental Exchange, Inc.	33,466	3,972,414
		4,780,598
<b>Insurance – 4.1%</b>		
Arthur J. Gallagher & Company	21,648	3,032,452
Marsh & McLennan Companies, Inc. (A)	116,334	16,365,867
		19,398,319
		44,305,046
<b>Health care – 14.2%</b>		
<b>Health care equipment and supplies – 4.3%</b>		
Becton, Dickinson and Company	19,082	4,640,552
Danaher Corp. (A)	54,362	14,588,586
Envista Holdings Corp. (A)(B)	15,314	661,718
Medtronic PLC (A)	3,800	471,694
		20,362,550
<b>Health care providers and services – 5.6%</b>		
Humana, Inc. (A)	29,495	13,058,026
UnitedHealth Group, Inc.	33,750	13,514,850
		26,572,876
<b>Life sciences tools and services – 4.3%</b>		
PerkinElmer, Inc.	43,566	6,727,026
Thermo Fisher Scientific, Inc.	27,367	13,805,830
		20,532,856
		67,468,282
<b>Industrials – 7.9%</b>		
<b>Aerospace and defense – 0.8%</b>		
Lockheed Martin Corp.	2,700	1,021,545
Northrop Grumman Corp. (A)	3,000	1,090,290
Teledyne Technologies, Inc. (B)	3,593	1,504,856
		3,616,691
<b>Commercial services and supplies – 1.4%</b>		
Waste Connections, Inc.	52,361	6,253,474
Waste Management, Inc. (A)	3,900	546,429
		6,799,903
<b>Industrial conglomerates – 5.0%</b>		
General Electric Company	1,519,644	20,454,408
Roper Technologies, Inc.	7,148	3,360,990
		23,815,398
<b>Machinery – 0.7%</b>		
Ingersoll Rand, Inc. (B)	71,054	3,468,146
		37,700,138
<b>Information technology – 15.9%</b>		
<b>Communications equipment – 0.3%</b>		
Cisco Systems, Inc.	29,700	1,574,100
<b>Electronic equipment, instruments and components – 0.9%</b>		
TE Connectivity, Ltd.	31,191	4,217,335

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services – 6.6%</b>		
Fiserv, Inc. (A)(B)	73,760	\$ 7,884,206
FleetCor Technologies, Inc. (B)	18,682	4,783,713
Global Payments, Inc. (A)	32,163	6,031,849
Visa, Inc., Class A (A)	53,323	12,467,984
		31,167,752
<b>Semiconductors and semiconductor equipment – 0.2%</b>		
NXP Semiconductors NV	4,500	925,740
<b>Software – 7.9%</b>		
Microsoft Corp. (A)	112,442	30,460,529
salesforce.com, Inc. (B)	29,242	7,142,943
		37,603,472
		75,488,399
<b>Real estate – 0.2%</b>		
<b>Equity real estate investment trusts – 0.2%</b>		
American Tower Corp.	2,568	693,720
<b>Utilities – 7.8%</b>		
<b>Electric utilities – 3.5%</b>		
American Electric Power Company, Inc.	127,874	10,816,862
Duke Energy Corp.	132	13,031
Exelon Corp.	138,638	6,143,050
		16,972,943
<b>Multi-utilities – 4.3%</b>		
Ameren Corp.	96,617	7,733,225
CMS Energy Corp.	31,376	1,853,694
NiSource, Inc.	173,525	4,251,363
Public Service Enterprise Group, Inc.	109,185	6,522,712
		20,360,994
		37,333,937
<b>TOTAL COMMON STOCKS (Cost \$257,289,758)</b>		<b>\$ 338,517,571</b>
<b>PREFERRED SECURITIES – 1.2%</b>		
<b>Financials – 0.0%</b>		
<b>Capital markets – 0.0%</b>		
The Charles Schwab Corp., 5.950%	1,000	25,370
<b>Utilities – 1.2%</b>		
<b>Electric utilities – 0.3%</b>		
Alabama Power Company, 5.000%	3,379	90,828
American Electric Power Company, Inc., 6.125%	12,402	609,310
Duke Energy Corp., 5.625%	4,698	129,524
SCE Trust III (5.750% to 3-15-24, then 3 month LIBOR + 2.990%)	657	16,655
SCE Trust IV (5.375% to 9-15-25, then 3 month LIBOR + 3.132%)	27,553	686,070
		1,532,387
<b>Multi-utilities – 0.9%</b>		
CMS Energy Corp., 5.875%	41,200	1,125,172
CMS Energy Corp., 5.875%	50,000	1,386,000
DTE Energy Company, 5.250%	16,367	433,889
NiSource, Inc., 7.750%	7,708	792,305
NiSource, Inc. (6.500% to 3-15-24, then 5 Year CMT + 3.632%)	20,000	573,200
		4,310,566
		5,842,953
<b>TOTAL PREFERRED SECURITIES (Cost \$5,510,445)</b>		<b>\$ 5,868,323</b>
<b>CORPORATE BONDS - 7.7%</b>		
<b>Communication services - 2.9%</b>		
Altice Financing SA 7.500%, 05/15/2026 (C)	\$ 425,000	442,553

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>CORPORATE BONDS (continued)</b>		
<b>Communication services (continued)</b>		
Altice France Holding SA 10.500%, 05/15/2027 (C)	\$ 450,000	\$ 500,063
CCO Holdings LLC 4.000%, 03/01/2023 (C)	416,000	419,640
5.000%, 02/01/2028 (C)	2,095,000	2,197,131
5.125%, 05/01/2027 (C)	1,341,000	1,406,575
Netflix, Inc. 4.375%, 11/15/2026	1,260,000	1,432,897
4.875%, 04/15/2028	1,790,000	2,080,875
4.875%, 06/15/2030 (C)	40,000	47,572
5.500%, 02/15/2022	45,000	46,125
5.875%, 02/15/2025 to 11/15/2028	2,810,000	3,419,979
6.375%, 05/15/2029	1,165,000	1,487,996
Photo Holdings Merger Sub, Inc. 8.500%, 10/01/2026 (C)	136,000	149,090
Sirius XM Radio, Inc. 3.875%, 08/01/2022 (C)	45,000	45,081
5.000%, 08/01/2027 (C)	65,000	68,104
		13,743,681
<b>Consumer discretionary - 2.0%</b>		
Cedar Fair LP 5.250%, 07/15/2029	384,000	395,520
5.375%, 06/01/2024 to 04/15/2027	1,441,000	1,468,823
5.500%, 05/01/2025 (C)	105,000	109,594
6.500%, 10/01/2028 (C)	345,000	371,738
Clarios Global LP 6.250%, 05/15/2026 (C)	122,000	129,968
6.750%, 05/15/2025 (C)	62,000	66,029
8.500%, 05/15/2027 (C)	80,000	87,216
KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC 4.750%, 06/01/2027 (C)	1,657,000	1,733,636
Life Time, Inc. 5.750%, 01/15/2026 (C)	365,000	378,231
Marriott International, Inc. 3.125%, 06/15/2026	120,000	127,412
Six Flags Entertainment Corp. 4.875%, 07/31/2024 (C)	1,195,000	1,206,950
5.500%, 04/15/2027 (C)	511,000	527,010
Six Flags Theme Parks, Inc. 7.000%, 07/01/2025 (C)	494,000	532,384
Yum! Brands, Inc. 3.750%, 11/01/2021	975,000	976,219
3.875%, 11/01/2023	440,000	462,000
4.750%, 01/15/2030 (C)	2,000	2,165
5.350%, 11/01/2043	579,000	615,188
6.875%, 11/15/2037	367,000	455,080
7.750%, 04/01/2025 (C)	90,000	97,875
		9,743,038
<b>Financials - 1.0%</b>		
Acrisure LLC 7.000%, 11/15/2025 (C)	775,000	790,500
AmWINS Group, Inc. 7.750%, 07/01/2026 (C)	630,000	668,210
HUB International, Ltd. 7.000%, 05/01/2026 (C)	1,380,000	1,431,184
State Street Corp. (3 month LIBOR + 3.597%) 3.716%, 09/15/2021 (D)(E)	145,000	145,116
The Bank of New York Mellon Corp. (3 month LIBOR + 3.420%) 3.555%, 09/20/2021 (D)(E)	450,000	453,263

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>CORPORATE BONDS (continued)</b>		
<b>Financials (continued)</b>		
The PNC Financial Services Group, Inc. (5.000% to 11-1-26, then 3 month LIBOR + 3.300%) 11/01/2026 (D)	\$ 390,000	\$ 433,875
USI, Inc. 6.875%, 05/01/2025 (C)	654,000	662,195
		4,584,343
<b>Health care - 0.2%</b>		
Avantor Funding, Inc. 4.625%, 07/15/2028 (C)	45,000	47,510
Elanco Animal Health, Inc. 4.912%, 08/27/2021	416,000	417,612
Hadrian Merger Sub, Inc. 8.500%, 05/01/2026 (C)	280,000	291,900
Surgery Center Holdings, Inc. 10.000%, 04/15/2027 (C)	150,000	164,625
Teleflex, Inc. 4.625%, 11/15/2027	285,000	303,579
		1,225,226
<b>Industrials - 1.3%</b>		
Continental Airlines 2012-1 Class A Pass Through Trust 4.150%, 04/11/2024	151,563	159,899
Delta Air Lines, Inc. 4.500%, 10/20/2025 (C)	700,000	752,235
4.750%, 10/20/2028 (C)	390,000	433,585
General Electric Company (3 month LIBOR + 3.330%) 3.449%, 09/15/2021 (D)(E)	2,990,000	2,930,200
Korn Ferry 4.625%, 12/15/2027 (C)	90,000	93,488
Lennox International, Inc. 3.000%, 11/15/2023	90,000	94,325
Mileage Plus Holdings LLC 6.500%, 06/20/2027 (C)	280,000	308,280
Sensata Technologies BV 4.875%, 10/15/2023 (C)	110,000	117,921
5.000%, 10/01/2025 (C)	325,000	361,969
5.625%, 11/01/2024 (C)	90,000	100,013
US Airways 2010-1 Class A Pass Through Trust 6.250%, 04/22/2023	90,374	92,633
US Airways 2012-2 Class A Pass Through Trust 4.625%, 06/03/2025	12,418	12,418
US Airways 2013-1 Class A Pass Through Trust 3.950%, 11/15/2025	136,333	135,651
US Airways 2013-1 Class B Pass Through Trust 5.375%, 11/15/2021	48,595	48,593
Welbilt, Inc. 9.500%, 02/15/2024	362,000	379,086
Xylem, Inc. 4.875%, 10/01/2021	60,000	60,655
		6,080,951
<b>Information technology - 0.1%</b>		
Clarivate Science Holdings Corp. 3.875%, 06/30/2028 (C)	240,000	242,186
4.875%, 06/30/2029 (C)	80,000	82,100
		324,286
<b>Real estate - 0.1%</b>		
SBA Communications Corp. 3.875%, 02/15/2027	195,000	200,246

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>CORPORATE BONDS (continued)</b>		
<b>Real estate (continued)</b>		
SBA Communications Corp. (continued) 4.875%, 09/01/2024	\$ 335,000	\$ 340,863
		541,109
<b>Utilities - 0.1%</b>		
NiSource, Inc. (5.650% to 6-15-23, then 5 Year CMT + 2.843%) 06/15/2023 (D)	575,000	613,094
<b>TOTAL CORPORATE BONDS (Cost \$33,998,087)</b>		<b>\$ 36,855,728</b>
<b>TERM LOANS (F) – 8.5%</b>		
<b>Communication services – 0.2%</b>		
Delta 2 Lux Sarl, 2018 USD Term Loan (1 month LIBOR + 2.500%) 3.500%, 02/01/2024	895,000	889,549
Eagle Broadband Investments LLC, Term Loan (3 month LIBOR + 3.000%) 4.000%, 11/12/2027	129,350	129,228
		1,018,777
<b>Consumer discretionary – 0.5%</b>		
Four Seasons Hotels, Ltd., New 1st Lien Term Loan (1 month LIBOR + 2.000%) 2.104%, 11/30/2023	518,217	516,274
IRB Holding Corp., 2020 4th Amendment Incremental Term Loan (3 month LIBOR + 3.250%) 4.250%, 12/15/2027	532,699	532,369
IRB Holding Corp., 2020 Term Loan B (3 month LIBOR + 2.750%) 3.750%, 02/05/2025	74,871	74,691
Life Time, Inc., 2021 Term Loan B (3 month LIBOR + 4.750%) 5.750%, 12/16/2024	719,011	720,808
SeaWorld Parks & Entertainment, Inc., Term Loan B5 (1 month LIBOR + 3.000%) 3.750%, 03/31/2024	303,017	300,744
Woof Holdings, Inc., 1st Lien Term Loan (3 month LIBOR + 3.750%) 4.500%, 12/21/2027	199,500	199,334
		2,344,220
<b>Consumer staples – 0.3%</b>		
Prestige Brands, Inc., Term Loan B4 (1 month LIBOR + 2.000%) 2.104%, 01/26/2024	19,218	19,221
Sunshine Luxembourg VII Sarl, 2021 Term Loan B3 (3 month LIBOR + 3.750%) 4.500%, 10/01/2026	1,293,200	1,297,157
		1,316,378
<b>Financials – 2.9%</b>		
Alliant Holdings Intermediate LLC, 2020 Term Loan B3 (1 month LIBOR + 3.750%) 4.250%, 10/08/2027	666,374	666,927
Alliant Holdings Intermediate LLC, 2018 Term Loan B (1 month LIBOR + 3.250%) 3.354%, 05/09/2025	807,488	798,315
Alliant Holdings Intermediate LLC, Term Loan B (1 month LIBOR + 3.250%) 3.354%, 05/09/2025	233,105	230,425
HUB International, Ltd., 2018 Term Loan B (3 month LIBOR + 2.750%) 2.926%, 04/25/2025	6,602,113	6,525,462

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>TERM LOANS (F)(continued)</b>		
<b>Financials (continued)</b>		
HUB International, Ltd., 2021 Term Loan B (3 month LIBOR + 3.250%) 4.000%, 04/25/2025	\$ 2,623,733	\$ 2,621,896
Hyperion Refinance Sarl, 2020 Incremental Term Loan B (1 month LIBOR + 3.750%) 4.750%, 11/12/2027	472,174	473,354
Ryan Specialty Group LLC, Term Loan (1 month LIBOR + 3.000%) 3.750%, 09/01/2027	268,125	267,873
USI, Inc., 2017 Repriced Term Loan (3 month LIBOR + 3.000%) 3.147%, 05/16/2024	1,431,266	1,417,182
USI, Inc., 2019 Incremental Term Loan B (3 month LIBOR + 3.250%) 3.397%, 12/02/2026	825,984	817,873
		13,819,307
<b>Health care – 1.3%</b>		
ADMI Corp., 2021 Incremental Term Loan B3 TBD 12/23/2027 (G)	615,000	613,850
ADMI Corp., 2021 Term Loan B2 (1 month LIBOR + 2.750%) 3.250%, 12/23/2027	588,525	581,539
CPI Holdco LLC, 2021 Term Loan (1 month LIBOR + 3.750%) 3.854%, 11/04/2026	203,221	203,331
Dino Grandparent, Inc., 2019 Term Loan A3 (1 month LIBOR + 2.250%) 2.354%, 02/20/2023	850,000	841,500
Heartland Dental LLC, 2018 1st Lien Term Loan (1 month LIBOR + 3.500%) 3.604%, 04/30/2025	1,621,298	1,601,032
Heartland Dental LLC, 2021 Incremental Term Loan (1 month LIBOR + 4.000%) 4.073%, 04/30/2025	150,000	149,625
Loire Finco Luxembourg Sarl, Term Loan (1 month LIBOR + 3.000%) 3.104%, 04/21/2027	1,153,394	1,133,209
Pacific Dental Services, Inc., 2021 Term Loan (1 month LIBOR + 3.500%) 4.250%, 05/05/2028	145,000	145,273
PetVet Care Centers LLC, 2018 1st Lien Term Loan (1 month LIBOR + 2.750%) 2.854%, 02/14/2025	84,131	82,927
PetVet Care Centers LLC, 2018 Incremental Term Loan (1 month LIBOR + 3.250%) 3.343%, 02/14/2025	199,106	197,697
PetVet Care Centers LLC, 2021 Term Loan B3 (1 month LIBOR + 3.500%) 4.250%, 02/14/2025	392,349	392,938
		5,942,921
<b>Industrials – 1.1%</b>		
Camelot Finance SA, 2020 Incremental Term Loan B (1 month LIBOR + 3.000%) 4.000%, 10/30/2026	950,225	950,225
Filtration Group Corp., 2018 1st Lien Term Loan (1 month LIBOR + 3.000%) 3.104%, 03/29/2025	253,312	251,042
Filtration Group Corp., 2018 EUR Term Loan (3 month EURIBOR + 3.500%) 3.500%, 03/29/2025	EUR 517,923	609,263

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>TERM LOANS (F)(continued)</b>		
<b>Industrials (continued)</b>		
Filtration Group Corp., 2020 Incremental Term Loan (1 month LIBOR + 3.750%) 4.500%, 03/29/2025	\$ 89,325	\$ 89,325
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 6.250%, 06/21/2027	1,765,000	1,883,537
SkyMiles IP, Ltd., 2020 SkyMiles Term Loan B (3 month LIBOR + 3.750%) 4.750%, 10/20/2027	865,000	913,172
TK Elevator U.S. Newco, Inc., USD Term Loan B (6 month LIBOR + 4.250%) 4.478%, 07/30/2027	268,652	268,765
Welbilt, Inc., 2018 Term Loan B (1 month LIBOR + 2.500%) 2.604%, 10/23/2025	175,000	173,469
		5,138,798
<b>Information technology – 2.2%</b>		
Applied Systems, Inc., 2017 1st Lien Term Loan (1 month LIBOR + 3.250% and Prime rate + 2.250%) 3.774%, 09/19/2024	934,023	931,576
Applied Systems, Inc., 2021 2nd Lien Term Loan (3 month LIBOR + 5.500%) 6.250%, 09/19/2025	163,488	165,368
Ascend Learning LLC, 2017 Term Loan B (1 month LIBOR + 3.000%) 4.000%, 07/12/2024	49,613	49,562
Azalea Topco, Inc., Term Loan (1 and 3 month LIBOR + 3.500%) 3.685%, 07/24/2026	915,420	909,699
CCC Information Services, Inc., 2017 1st Lien Term Loan (1 month LIBOR + 3.000%) 4.000%, 04/29/2024	3,546,383	3,544,433
Celestial Saturn Parent, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 7.000%, 04/13/2029	80,000	80,400
CoreLogic, Inc., Term Loan (1 month LIBOR + 3.500%) 4.000%, 06/02/2028	830,000	827,095
Press Ganey Holdings, Inc., 2021 Term Loan B TBD 07/24/2026 (G)	25,000	25,031
Project Boost Purchaser LLC, 2021 Incremental Term Loan TBD 06/01/2026 (G)	50,000	49,907
RealPage, Inc., 1st Lien Term Loan (1 month LIBOR + 3.250%) 3.750%, 04/24/2028	1,165,000	1,160,923
RealPage, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 7.250%, 04/22/2029	75,000	77,156
UKG, Inc., 2021 Incremental Term Loan (3 month LIBOR + 3.250%) 4.000%, 05/04/2026	2,586,286	2,587,786
UKG, Inc., Term Loan B (1 month LIBOR + 3.750%) 3.854%, 05/04/2026	162,113	162,129
		10,571,065
<b>Materials – 0.0%</b>		
HB Fuller Company, 2017 Term Loan B (1 month LIBOR + 2.000%) 2.093%, 10/20/2024	132,409	132,353
<b>TOTAL TERM LOANS (Cost \$40,115,337)</b>		<b>\$ 40,283,819</b>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>ASSET BACKED SECURITIES - 0.3%</b>		
Domino's Pizza Master Issuer LLC Series 2017-1A, Class A23 4.118%, 07/25/2047 (C)	\$ 503,100	\$ 542,865
Domino's Pizza Master Issuer LLC Series 2018-1A, Class A21 4.116%, 07/25/2048 (C)	477,750	498,217
Domino's Pizza Master Issuer LLC Series 2019-1A, Class A2 3.668%, 10/25/2049 (C)	212,313	229,646
<b>TOTAL ASSET BACKED SECURITIES (Cost \$1,188,422)</b>		<b>\$ 1,270,728</b>
<b>SHORT-TERM INVESTMENTS - 13.0%</b>		
<b>Short-term funds - 12.3%</b>		
T. Rowe Price Government Reserve Fund, 0.0295% (H)	58,548,700	58,548,700
<b>Repurchase agreement - 0.7%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$3,649,000 on 7-1-21, collateralized by \$3,450,600 U.S. Treasury Notes, 2.375% due 5-15-27 (valued at \$3,722,065)	\$ 3,649,000	3,649,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$62,197,700)</b>		<b>\$ 62,197,700</b>
<b>Total Investments (Capital Appreciation Value Trust) (Cost \$400,299,749) - 101.8%</b>		<b>\$ 484,993,869</b>
<b>Other assets and liabilities, net - (1.8%)</b>		<b>(8,649,155)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 476,344,714</b>

## Capital Appreciation Value Trust (continued)

### Currency Abbreviations

EUR Euro

### Security Abbreviations and Legend

CMT	Constant Maturity Treasury
EURIBOR	Euro Interbank Offered Rate
LIBOR	London Interbank Offered Rate
(A)	All or a portion of this security is segregated at the custodian as collateral for certain derivatives.
(B)	Non-income producing security.
(C)	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)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(E)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(F)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(G)	This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
(H)	The rate shown is the annualized seven-day yield as of 6-30-21.

## DERIVATIVES

### WRITTEN OPTIONS

#### Options on securities

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
<b>Calls</b>								
GSI	Alphabet, Inc., Class A	USD	1,960.00	Sep 2022	1	100	\$ 18,442	\$ (59,259)
GSI	Alphabet, Inc., Class A	USD	1,960.00	Sep 2022	1	100	24,090	(59,259)
GSI	Alphabet, Inc., Class A	USD	1,980.00	Sep 2022	1	100	17,800	(57,760)
GSI	Alphabet, Inc., Class A	USD	2,000.00	Sep 2022	1	100	17,130	(56,280)
GSI	Alphabet, Inc., Class A	USD	2,100.00	Sep 2022	1	100	14,073	(49,189)
SFG	Alphabet, Inc., Class A	USD	2,450.00	Sep 2022	1	100	26,747	(28,755)
GSI	Alphabet, Inc., Class C	USD	1,760.00	Jan 2022	5	500	50,362	(384,948)
GSI	Alphabet, Inc., Class C	USD	1,780.00	Jan 2022	5	500	47,406	(375,510)
GSI	Alphabet, Inc., Class C	USD	1,800.00	Jan 2022	4	400	35,760	(292,890)
GSI	Alphabet, Inc., Class C	USD	1,980.00	Jun 2022	1	100	21,210	(61,170)
GSI	Alphabet, Inc., Class C	USD	2,000.00	Jun 2022	1	100	20,353	(59,562)
GSI	Alphabet, Inc., Class C	USD	2,100.00	Jun 2022	1	100	16,634	(51,811)
SFG	Alphabet, Inc., Class C	USD	2,550.00	Jun 2022	1	100	22,096	(24,237)
CSFB	Amazon.com, Inc.	USD	3,800.00	Jan 2022	1	100	33,115	(14,303)
CSFB	Amazon.com, Inc.	USD	3,800.00	Jan 2022	1	100	34,542	(14,303)
CSFB	Amazon.com, Inc.	USD	3,900.00	Jan 2022	1	100	30,277	(11,627)
CSFB	Amazon.com, Inc.	USD	3,900.00	Jan 2022	1	100	38,338	(11,627)
RBC	Amazon.com, Inc.	USD	3,900.00	Jan 2022	1	100	23,997	(11,627)
CITI	Amazon.com, Inc.	USD	4,000.00	Jan 2022	1	100	27,327	(9,389)
CSFB	Amazon.com, Inc.	USD	4,000.00	Jan 2022	1	100	27,686	(9,389)
CSFB	Amazon.com, Inc.	USD	4,000.00	Jan 2022	1	100	35,706	(9,389)
RBC	Amazon.com, Inc.	USD	4,000.00	Jan 2022	1	100	21,797	(9,389)
CITI	Amazon.com, Inc.	USD	4,100.00	Jan 2022	1	100	25,167	(7,543)
RBC	Amazon.com, Inc.	USD	4,100.00	Jan 2022	1	100	19,697	(7,543)
CITI	Amazon.com, Inc.	USD	4,200.00	Jan 2022	1	100	23,127	(6,049)
RBC	Amazon.com, Inc.	USD	4,200.00	Jan 2022	1	100	17,827	(6,049)
CITI	Amazon.com, Inc.	USD	4,300.00	Jan 2022	2	200	42,614	(9,698)
JPM	American Electric Power Company, Inc.	USD	90.00	Jan 2022	63	6,300	22,934	(10,954)

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

### Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
<b>Calls (continued)</b>								
JPM	American Electric Power Company, Inc.	USD	90.00	Jan 2022	11	1,100	\$ 3,946	\$ (1,913)
JPM	American Electric Power Company, Inc.	USD	90.00	Jan 2022	7	700	2,418	(1,217)
JPM	American Electric Power Company, Inc.	USD	95.00	Jan 2022	63	6,300	13,893	(4,707)
JPM	American Electric Power Company, Inc.	USD	95.00	Jan 2022	22	2,200	4,975	(1,644)
JPM	American Electric Power Company, Inc.	USD	95.00	Jan 2022	14	1,400	2,930	(1,046)
JPM	American Electric Power Company, Inc.	USD	97.50	Jan 2022	30	3,000	2,930	(1,433)
JPM	American Electric Power Company, Inc.	USD	100.00	Jan 2022	30	3,000	1,813	(911)
CITI	American Tower Corp.	USD	210.00	Jan 2022	6	600	14,982	(37,334)
CITI	American Tower Corp.	USD	220.00	Jan 2022	6	600	11,982	(31,846)
CITI	American Tower Corp.	USD	230.00	Jan 2022	7	700	11,039	(31,042)
CITI	American Tower Corp.	USD	230.00	Jan 2022	2	200	4,641	(8,869)
CITI	American Tower Corp.	USD	240.00	Jan 2022	2	200	3,811	(7,238)
CITI	American Tower Corp.	USD	250.00	Jan 2022	2	200	3,041	(5,754)
CSFB	Bank of America Corp.	USD	30.00	Jan 2022	250	25,000	52,500	(288,400)
SFG	Bank of America Corp.	USD	30.00	Jan 2022	413	41,300	106,143	(476,434)
CSFB	Bank of America Corp.	USD	32.00	Jan 2022	129	12,900	31,631	(125,100)
CSFB	Bank of America Corp.	USD	35.00	Jan 2022	259	25,900	40,559	(184,966)
RBC	Bank of America Corp.	USD	37.00	Jan 2022	190	19,000	52,947	(106,972)
CSFB	Bank of America Corp.	USD	40.00	Jan 2022	39	3,900	13,323	(14,556)
CSFB	Bank of America Corp.	USD	45.00	Jan 2022	38	3,800	7,138	(6,179)
JPM	Cisco Systems, Inc.	USD	45.00	Jan 2022	48	4,800	22,416	(41,199)
JPM	Cisco Systems, Inc.	USD	45.00	Jan 2022	25	2,500	11,425	(21,458)
JPM	Cisco Systems, Inc.	USD	45.00	Jan 2022	26	2,600	11,102	(22,316)
JPM	Cisco Systems, Inc.	USD	47.50	Jan 2022	48	4,800	17,136	(31,648)
JPM	Cisco Systems, Inc.	USD	47.50	Jan 2022	25	2,500	8,675	(16,483)
JPM	Cisco Systems, Inc.	USD	47.50	Jan 2022	26	2,600	8,502	(17,143)
JPM	Cisco Systems, Inc.	USD	50.00	Jan 2022	48	4,800	12,816	(23,268)
JPM	Cisco Systems, Inc.	USD	50.00	Jan 2022	25	2,500	6,550	(12,119)
JPM	Cisco Systems, Inc.	USD	50.00	Jan 2022	26	2,600	6,292	(12,604)
JPM	CME Group, Inc.	USD	220.00	Jan 2022	19	1,900	20,869	(16,974)
JPM	CME Group, Inc.	USD	230.00	Jan 2022	19	1,900	16,115	(10,299)
CSFB	Danaher Corp.	USD	250.00	Jan 2022	40	4,000	76,280	(119,736)
CSFB	Danaher Corp.	USD	270.00	Jan 2022	4	400	6,485	(7,405)
CSFB	Danaher Corp.	USD	280.00	Jan 2022	4	400	5,280	(5,645)
CSFB	Danaher Corp.	USD	280.00	Jan 2022	6	600	7,557	(8,468)
CSFB	Danaher Corp.	USD	290.00	Jan 2022	6	600	5,707	(6,321)
GSI	Envista Holdings Corp.	USD	49.00	Dec 2021	30	3,000	10,034	(5,310)
GSI	Envista Holdings Corp.	USD	50.00	Dec 2021	30	3,000	8,906	(4,568)
CITI	Exelon Corp.	USD	40.00	Jan 2022	16	1,600	7,712	(8,361)
CITI	Exelon Corp.	USD	40.00	Jan 2022	5	500	2,092	(2,613)
CITI	Exelon Corp.	USD	43.00	Jan 2022	16	1,600	5,312	(5,132)
CITI	Exelon Corp.	USD	43.00	Jan 2022	5	500	1,420	(1,604)
CITI	Exelon Corp.	USD	45.00	Jan 2022	16	1,600	3,984	(3,456)
CITI	Exelon Corp.	USD	45.00	Jan 2022	5	500	1,040	(1,080)
CITI	Exelon Corp.	USD	47.00	Jan 2022	95	9,500	16,161	(13,061)
CITI	Exelon Corp.	USD	47.00	Jan 2022	30	3,000	4,823	(4,124)
CITI	Exelon Corp.	USD	50.00	Jan 2022	30	3,000	2,341	(1,903)
JPM	Facebook, Inc., Class A	USD	340.00	Jan 2022	12	1,200	30,925	(43,614)
JPM	Facebook, Inc., Class A	USD	345.00	Jan 2022	12	1,200	28,983	(40,503)
JPM	Facebook, Inc., Class A	USD	380.00	Jan 2022	4	400	7,756	(7,690)
JPM	Facebook, Inc., Class A	USD	400.00	Jan 2022	50	5,000	107,635	(68,007)
JPM	Facebook, Inc., Class A	USD	345.00	Sep 2022	6	600	23,363	(31,530)
JPM	Facebook, Inc., Class A	USD	360.00	Sep 2022	6	600	20,104	(27,460)
GSI	Fiserv, Inc.	USD	130.00	Jan 2022	13	1,300	6,634	(1,918)
GSI	Fiserv, Inc.	USD	135.00	Jan 2022	13	1,300	4,869	(1,384)
JPM	FleetCor Technologies, Inc.	USD	300.00	Jan 2022	5	500	9,985	(2,254)
JPM	FleetCor Technologies, Inc.	USD	310.00	Jan 2022	3	300	4,791	(897)
JPM	General Electric Company	USD	12.00	Jan 2022	160	16,000	24,437	(35,252)
JPM	General Electric Company	USD	12.00	Jan 2022	159	15,900	25,825	(35,032)
JPM	General Electric Company	USD	15.00	Jan 2022	160	16,000	13,309	(13,323)
JPM	General Electric Company	USD	15.00	Jan 2022	159	15,900	13,361	(13,239)
SFG	General Electric Company	USD	15.00	Jan 2022	636	63,600	69,324	(52,957)
GSI	Global Payments, Inc.	USD	230.00	Jan 2022	9	900	5,500	(2,752)
GSI	Global Payments, Inc.	USD	240.00	Jan 2022	9	900	4,445	(2,031)

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

### Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
<b>Calls (continued)</b>								
CITI	Hilton Worldwide Holdings, Inc.	USD	125.00	Jan 2022	8	800	\$ 8,222	\$ (6,790)
CITI	Hilton Worldwide Holdings, Inc.	USD	125.00	Jan 2022	4	400	3,927	(3,395)
CITI	Hilton Worldwide Holdings, Inc.	USD	125.00	Jan 2022	5	500	5,015	(4,244)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2022	8	800	6,917	(5,325)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2022	4	400	3,288	(2,663)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2022	5	500	4,196	(3,328)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2022	12	1,200	17,773	(7,988)
CITI	Hilton Worldwide Holdings, Inc.	USD	135.00	Jan 2022	12	1,200	15,717	(6,188)
GSI	Hilton Worldwide Holdings, Inc.	USD	135.00	Jan 2022	38	3,800	53,311	(19,595)
GSI	Hilton Worldwide Holdings, Inc.	USD	140.00	Jan 2022	38	3,800	45,916	(15,006)
CSFB	Humana, Inc.	USD	480.00	Jan 2022	2	200	6,018	(3,346)
CSFB	Humana, Inc.	USD	500.00	Jan 2022	2	200	4,724	(2,277)
JPM	Intercontinental Exchange, Inc.	USD	125.00	Jan 2022	15	1,500	4,761	(6,196)
JPM	Intercontinental Exchange, Inc.	USD	130.00	Jan 2022	16	1,600	9,747	(4,087)
JPM	Intercontinental Exchange, Inc.	USD	130.00	Jan 2022	16	1,600	3,208	(4,087)
JPM	Intercontinental Exchange, Inc.	USD	135.00	Jan 2022	16	1,600	7,294	(2,369)
SFG	Keurig Dr. Pepper, Inc.	USD	32.00	Dec 2021	95	9,500	20,710	(38,408)
JPM	Lockheed Martin Corp.	USD	340.00	Jan 2022	9	900	28,233	(40,683)
JPM	Lockheed Martin Corp.	USD	360.00	Jan 2022	9	900	20,583	(27,620)
JPM	Lockheed Martin Corp.	USD	375.00	Jan 2022	9	900	15,993	(19,651)
CSFB	Marriott International, Inc., Class A	USD	145.00	Jan 2022	15	1,500	18,440	(13,056)
CSFB	Marriott International, Inc., Class A	USD	145.00	Jan 2022	2	200	2,376	(1,741)
CSFB	Marriott International, Inc., Class A	USD	145.00	Jan 2022	8	800	10,193	(6,963)
CSFB	Marriott International, Inc., Class A	USD	150.00	Jan 2022	15	1,500	16,180	(10,515)
CSFB	Marriott International, Inc., Class A	USD	150.00	Jan 2022	2	200	2,097	(1,402)
CSFB	Marriott International, Inc., Class A	USD	150.00	Jan 2022	8	800	8,956	(5,608)
CSFB	Marriott International, Inc., Class A	USD	155.00	Jan 2022	13	1,300	14,757	(7,278)
CSFB	Marriott International, Inc., Class A	USD	160.00	Jan 2022	13	1,300	12,430	(5,770)
CSFB	Marriott International, Inc., Class A	USD	165.00	Jan 2022	9	900	15,242	(3,147)
CSFB	Marriott International, Inc., Class A	USD	170.00	Jan 2022	9	900	13,778	(2,467)
GSI	Marsh & McLennan Companies, Inc.	USD	150.00	Oct 2021	25	2,500	4,440	(5,075)
GSI	Marsh & McLennan Companies, Inc.	USD	155.00	Oct 2021	25	2,500	2,408	(2,905)
CITI	McDonald's Corp.	USD	210.00	Jan 2022	8	800	15,192	(20,097)
RBC	McDonald's Corp.	USD	210.00	Jan 2022	6	600	10,902	(15,072)
CITI	McDonald's Corp.	USD	220.00	Jan 2022	8	800	11,416	(14,169)
RBC	McDonald's Corp.	USD	220.00	Jan 2022	7	700	9,709	(12,397)
CITI	McDonald's Corp.	USD	230.00	Jan 2022	8	800	8,456	(9,291)
RBC	McDonald's Corp.	USD	230.00	Jan 2022	6	600	6,132	(6,968)
CSFB	Medtronic PLC	USD	115.00	Jan 2022	13	1,300	15,756	(17,147)
CSFB	Medtronic PLC	USD	125.00	Jan 2022	13	1,300	9,711	(9,276)
CSFB	Medtronic PLC	USD	130.00	Jan 2022	12	1,200	6,684	(5,889)
SFG	Microsoft Corp.	USD	250.00	Jan 2022	21	2,100	27,447	(64,377)
SFG	Microsoft Corp.	USD	255.00	Jan 2022	21	2,100	24,717	(57,217)
SFG	Microsoft Corp.	USD	260.00	Jan 2022	21	2,100	22,197	(50,524)
SFG	Microsoft Corp.	USD	265.00	Jan 2022	16	1,600	23,712	(33,772)
BOA	Microsoft Corp.	USD	270.00	Jan 2022	9	900	12,085	(16,558)
SFG	Microsoft Corp.	USD	270.00	Jan 2022	17	1,700	22,559	(31,277)
BOA	Microsoft Corp.	USD	275.00	Jan 2022	9	900	10,565	(14,335)
SFG	Microsoft Corp.	USD	275.00	Jan 2022	16	1,600	19,472	(25,485)
BOA	Microsoft Corp.	USD	280.00	Jan 2022	9	900	9,182	(12,321)
CITI	Microsoft Corp.	USD	280.00	Jan 2022	65	6,500	133,380	(88,986)
SFG	Microsoft Corp.	USD	300.00	Jan 2023	31	3,100	56,637	(65,409)
SFG	Microsoft Corp.	USD	300.00	Jan 2023	32	3,200	60,224	(67,519)
CITI	Mondelez International, Inc., Class A	USD	57.50	Jan 2022	26	2,600	12,272	(16,196)
CITI	Mondelez International, Inc., Class A	USD	60.00	Jan 2022	26	2,600	9,152	(11,513)
CITI	Mondelez International, Inc., Class A	USD	62.50	Jan 2022	26	2,600	5,122	(7,659)
CSFB	Northrop Grumman Corp.	USD	300.00	Jan 2022	5	500	13,835	(33,696)
CSFB	Northrop Grumman Corp.	USD	300.00	Jan 2022	5	500	13,485	(33,696)
CSFB	Northrop Grumman Corp.	USD	315.00	Jan 2022	5	500	10,285	(27,246)
CSFB	Northrop Grumman Corp.	USD	315.00	Jan 2022	5	500	10,835	(27,246)
CSFB	Northrop Grumman Corp.	USD	325.00	Jan 2022	5	500	8,785	(23,244)
CSFB	Northrop Grumman Corp.	USD	325.00	Jan 2022	5	500	9,085	(23,244)
JPM	NXP Semiconductors NV	USD	195.00	Jan 2022	8	800	14,105	(20,110)
JPM	NXP Semiconductors NV	USD	195.00	Jan 2022	7	700	13,563	(17,596)



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

### Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
<b>Calls (continued)</b>								
JPM	NXP Semiconductors NV	USD	200.00	Jan 2022	8	800	\$ 13,168	\$ (17,858)
JPM	NXP Semiconductors NV	USD	200.00	Jan 2022	7	700	12,245	(15,626)
JPM	NXP Semiconductors NV	USD	210.00	Jan 2022	8	800	11,205	(13,864)
JPM	NXP Semiconductors NV	USD	210.00	Jan 2022	7	700	10,451	(12,131)
SFG	PepsiCo, Inc.	USD	140.00	Jan 2022	13	1,300	14,781	(15,327)
SFG	PepsiCo, Inc.	USD	140.00	Jan 2022	14	1,400	15,218	(16,506)
SFG	PepsiCo, Inc.	USD	145.00	Jan 2022	13	1,300	11,856	(11,053)
SFG	PepsiCo, Inc.	USD	145.00	Jan 2022	14	1,400	11,998	(11,904)
SFG	PepsiCo, Inc.	USD	155.00	Jan 2022	12	1,200	6,504	(4,525)
SFG	PepsiCo, Inc.	USD	155.00	Jan 2022	14	1,400	7,028	(5,280)
JPM	Roper Technologies, Inc.	USD	480.00	Aug 2021	13	1,300	15,990	(14,025)
JPM	Roper Technologies, Inc.	USD	490.00	Nov 2021	3	300	3,190	(4,996)
JPM	Roper Technologies, Inc.	USD	500.00	Nov 2021	3	300	1,824	(3,913)
CSFB	Ross Stores, Inc.	USD	130.00	Jan 2022	6	600	6,143	(4,394)
BOA	Ross Stores, Inc.	USD	135.00	Jan 2022	3	300	3,132	(1,662)
CSFB	Ross Stores, Inc.	USD	135.00	Jan 2022	6	600	5,599	(3,325)
BOA	Ross Stores, Inc.	USD	140.00	Jan 2022	3	300	2,596	(1,238)
JPM	Teledyne Technologies, Inc.	USD	410.00	Sep 2021	1	100	2,194	(2,450)
JPM	Teledyne Technologies, Inc.	USD	410.00	Sep 2021	2	200	4,661	(4,901)
JPM	Teledyne Technologies, Inc.	USD	420.00	Sep 2021	1	100	1,885	(1,896)
JPM	Teledyne Technologies, Inc.	USD	420.00	Sep 2021	2	200	3,945	(3,793)
JPM	Teledyne Technologies, Inc.	USD	470.00	Dec 2021	3	300	6,092	(3,365)
JPM	Teledyne Technologies, Inc.	USD	480.00	Dec 2021	3	300	5,137	(2,688)
CSFB	The Coca-Cola Company	USD	50.00	Jan 2022	38	3,800	15,630	(19,511)
CSFB	The Coca-Cola Company	USD	50.00	Jan 2022	52	5,200	16,224	(26,699)
CSFB	The Coca-Cola Company	USD	52.50	Jan 2022	38	3,800	11,420	(12,941)
CSFB	The Coca-Cola Company	USD	52.50	Jan 2022	52	5,200	11,544	(17,709)
CSFB	The Coca-Cola Company	USD	55.00	Jan 2022	39	3,900	8,341	(8,216)
CSFB	The Coca-Cola Company	USD	55.00	Jan 2022	52	5,200	8,164	(10,954)
CITI	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2022	12	1,200	14,316	(26,832)
CITI	The PNC Financial Services Group, Inc.	USD	180.00	Jan 2022	12	1,200	12,237	(22,852)
CITI	The PNC Financial Services Group, Inc.	USD	180.00	Jan 2022	13	1,300	17,112	(24,756)
CITI	The PNC Financial Services Group, Inc.	USD	185.00	Jan 2022	12	1,200	10,459	(19,209)
CITI	The PNC Financial Services Group, Inc.	USD	185.00	Jan 2022	13	1,300	14,782	(20,810)
CITI	The PNC Financial Services Group, Inc.	USD	190.00	Jan 2022	13	1,300	12,714	(17,267)
CITI	The PNC Financial Services Group, Inc.	USD	195.00	Jan 2022	19	1,900	17,331	(20,668)
CITI	The PNC Financial Services Group, Inc.	USD	195.00	Jan 2022	18	1,800	16,358	(19,580)
CITI	The PNC Financial Services Group, Inc.	USD	200.00	Jan 2022	19	1,900	14,489	(16,709)
CITI	The PNC Financial Services Group, Inc.	USD	200.00	Jan 2022	18	1,800	12,214	(15,829)
CITI	Thermo Fisher Scientific, Inc.	USD	580.00	Jan 2022	3	300	8,122	(3,316)
CITI	Thermo Fisher Scientific, Inc.	USD	580.00	Jan 2022	5	500	14,180	(5,527)
CITI	Thermo Fisher Scientific, Inc.	USD	600.00	Jan 2022	3	300	6,712	(2,382)
CITI	Thermo Fisher Scientific, Inc.	USD	600.00	Jan 2022	5	500	11,735	(3,970)
CITI	Union Electric Company	USD	90.00	Dec 2021	21	2,100	3,760	(1,551)
CITI	Union Electric Company	USD	95.00	Dec 2021	21	2,100	1,642	(442)
CITI	UnitedHealth Group, Inc.	USD	400.00	Jan 2022	6	600	14,447	(15,816)
CITI	UnitedHealth Group, Inc.	USD	410.00	Jan 2022	6	600	11,921	(12,870)
CITI	UnitedHealth Group, Inc.	USD	420.00	Jan 2022	6	600	10,918	(10,300)
CITI	UnitedHealth Group, Inc.	USD	460.00	Jan 2022	3	300	4,789	(1,773)
CITI	UnitedHealth Group, Inc.	USD	470.00	Jan 2022	3	300	3,917	(1,304)
JPM	Visa, Inc., Class A	USD	220.00	Jan 2022	19	1,900	26,638	(43,966)
CSFB	Visa, Inc., Class A	USD	225.00	Jan 2022	22	2,200	29,373	(43,843)
GSI	Visa, Inc., Class A	USD	225.00	Jan 2022	7	700	8,344	(13,950)
GSI	Visa, Inc., Class A	USD	225.00	Jan 2022	6	600	8,082	(11,957)
GSI	Visa, Inc., Class A	USD	225.00	Jan 2022	14	1,400	18,239	(27,900)
JPM	Visa, Inc., Class A	USD	225.00	Jan 2022	18	1,800	22,176	(35,871)
CSFB	Visa, Inc., Class A	USD	230.00	Jan 2022	22	2,200	25,978	(37,355)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2022	7	700	7,154	(11,886)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2022	6	600	7,032	(10,188)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2022	14	1,400	16,317	(23,771)
JPM	Visa, Inc., Class A	USD	230.00	Jan 2022	19	1,900	20,463	(32,261)
CSFB	Visa, Inc., Class A	USD	235.00	Jan 2022	22	2,200	22,406	(31,469)
CSFB	Visa, Inc., Class A	USD	240.00	Jan 2022	12	1,200	15,050	(14,293)
CSFB	Visa, Inc., Class A	USD	245.00	Jan 2022	12	1,200	13,240	(11,761)

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

### Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
<b>Calls (continued)</b>								
CSFB	Visa, Inc., Class A	USD	245.00	Jan 2022	17	1,700	\$ 17,798	\$ (16,662)
CITI	Visa, Inc., Class A	USD	250.00	Jan 2022	43	4,300	36,712	(34,260)
CSFB	Visa, Inc., Class A	USD	250.00	Jan 2022	17	1,700	14,730	(13,545)
GSI	Visa, Inc., Class A	USD	250.00	Jan 2022	13	1,300	15,886	(10,358)
CSFB	Visa, Inc., Class A	USD	255.00	Jan 2022	6	600	5,060	(3,839)
CSFB	Visa, Inc., Class A	USD	255.00	Jan 2022	17	1,700	12,085	(10,878)
CSFB	Visa, Inc., Class A	USD	260.00	Jan 2022	6	600	4,257	(3,046)
GSI	Visa, Inc., Class A	USD	260.00	Jan 2022	13	1,300	12,181	(6,600)
CSFB	Visa, Inc., Class A	USD	265.00	Jan 2022	6	600	3,574	(2,388)
GSI	Visa, Inc., Class A	USD	270.00	Jan 2022	13	1,300	9,256	(4,010)
CSFB	Waste Management, Inc.	USD	115.00	Jan 2022	6	600	4,812	(15,946)
CSFB	Waste Management, Inc.	USD	115.00	Jan 2022	7	700	5,649	(18,604)
CSFB	Waste Management, Inc.	USD	120.00	Jan 2022	6	600	4,482	(13,274)
CSFB	Waste Management, Inc.	USD	120.00	Jan 2022	7	700	5,089	(15,486)
CSFB	Waste Management, Inc.	USD	130.00	Jan 2022	6	600	2,502	(8,445)
CSFB	Waste Management, Inc.	USD	130.00	Jan 2022	7	700	2,639	(9,852)
JPM	Yum! Brands, Inc.	USD	105.00	Jan 2022	7	700	7,854	(8,902)
JPM	Yum! Brands, Inc.	USD	110.00	Jan 2022	7	700	6,209	(6,479)
JPM	Yum! Brands, Inc.	USD	120.00	Jan 2022	22	2,200	9,424	(9,107)
JPM	Yum! Brands, Inc.	USD	120.00	Jan 2022	6	600	2,742	(2,484)
JPM	Yum! Brands, Inc.	USD	120.00	Jan 2022	14	1,400	6,398	(5,795)
JPM	Yum! Brands, Inc.	USD	120.00	Jan 2022	19	1,900	9,063	(7,865)
JPM	Yum! Brands, Inc.	USD	125.00	Jan 2022	25	2,500	8,050	(6,316)
							<b>\$3,823,947</b>	<b>\$(6,141,041)</b>

Derivatives Currency Abbreviations

USD U.S. Dollar

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
<b>COMMON STOCKS - 96.1%</b>		
<b>Australia - 0.9%</b>		
Rio Tinto, Ltd.	29,564	\$ 2,802,836
<b>Austria - 0.9%</b>		
ams AG (A)	75,914	1,525,059
ANDRITZ AG	24,263	1,364,597
		2,889,656
<b>Bermuda - 1.5%</b>		
Everest Re Group, Ltd.	19,423	4,894,790
<b>Canada - 3.0%</b>		
Cenovus Energy, Inc.	521,991	4,994,202
Enerplus Corp.	145,377	1,044,941
Kinross Gold Corp.	323,086	2,051,596
West Fraser Timber Company, Ltd.	23,499	1,686,976
		9,777,715

## Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China - 1.5%</b>		
Alibaba Group Holding, Ltd. (A)	54,200	\$ 1,536,778
Angang Steel Company, Ltd., H Shares (B)	2,816,000	1,782,814
Topsports International Holdings, Ltd. (C)	884,000	1,445,512
		4,765,104
<b>Finland - 2.6%</b>		
Metso Outotec OYJ	261,262	3,035,721
Nordea Bank ABP	205,969	2,293,654
Sampo OYJ, A Shares	68,608	3,154,901
		8,484,276
<b>France - 13.9%</b>		
Airbus SE (A)	28,648	3,691,368
AXA SA	103,807	2,635,897
BNP Paribas SA	72,814	4,569,770
Capgemini SE (B)	12,453	2,394,875
Cie de Saint-Gobain	51,801	3,418,643

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>France (continued)</b>		
Eiffage SA	48,677	\$ 4,958,066
Imerys SA	50,209	2,350,134
Klepierre SA	94,992	2,447,345
Rexel SA (A)	156,178	3,270,072
Sanofi	81,428	8,555,018
TotalEnergies SE	144,938	6,565,937
		44,857,125
<b>Germany - 7.5%</b>		
Allianz SE	19,855	4,954,942
Deutsche Post AG	52,351	3,565,342
Deutsche Telekom AG	273,558	5,785,740
Hannover Rueck SE	19,392	3,246,369
HeidelbergCement AG	21,108	1,812,256
Rheinmetall AG	12,668	1,251,763
Siemens AG	22,801	3,620,307
		24,236,719
<b>Greece - 0.6%</b>		
Hellenic Telecommunications Organization SA	110,699	1,859,047
<b>Hong Kong - 1.4%</b>		
CK Asset Holdings, Ltd.	228,000	1,569,327
WH Group, Ltd. (C)	3,143,500	2,821,614
		4,390,941
<b>India - 0.4%</b>		
HDFC Bank, Ltd., ADR (A)	15,581	1,139,283
<b>Ireland - 1.0%</b>		
CRH PLC	62,465	3,158,930
<b>Isle of Man - 0.7%</b>		
Entain PLC (A)	91,874	2,220,006
<b>Italy - 0.8%</b>		
Enel SpA	292,125	2,714,675
<b>Japan - 16.2%</b>		
Asahi Group Holdings, Ltd.	48,500	2,266,828
Fuji Corp.	98,700	2,260,840
Hitachi, Ltd.	74,800	4,286,577
Honda Motor Company, Ltd.	177,900	5,721,841
Komatsu, Ltd.	170,400	4,221,415
Kyudenko Corp.	54,800	1,763,657
Mitsubishi Gas Chemical Company, Inc.	100,500	2,129,582
Nihon Unisys, Ltd.	67,100	2,019,204
Resona Holdings, Inc.	1,044,500	4,027,229
Sanwa Holdings Corp.	104,400	1,283,998
Sony Group Corp.	39,500	3,830,207
Sumitomo Heavy Industries, Ltd.	119,800	3,312,715
Sumitomo Mitsui Financial Group, Inc.	186,700	6,435,918
Tosoh Corp.	151,600	2,614,011
TS Tech Company, Ltd.	115,200	1,783,698
Yamaha Motor Company, Ltd.	157,200	4,269,894
		52,227,614
<b>Macau - 0.5%</b>		
Wynn Macau, Ltd. (A)	1,114,000	1,752,209
<b>Malta - 0.0%</b>		
BGP Holdings PLC (A)(D)	2,126,418	0
<b>Netherlands - 4.7%</b>		
ING Groep NV	341,509	4,533,300
Royal Dutch Shell PLC, A Shares	228,254	4,576,001
Stellantis NV	312,958	6,154,863
		15,264,164
<b>Norway - 1.5%</b>		
DNB ASA	102,188	2,227,108

## Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Norway (continued)</b>		
Norsk Hydro ASA	404,282	\$ 2,581,097
		4,808,205
<b>Singapore - 0.6%</b>		
DBS Group Holdings, Ltd.	92,729	2,062,971
<b>South Korea - 7.5%</b>		
Hana Financial Group, Inc.	108,791	4,458,408
KB Financial Group, Inc.	83,139	4,126,192
KT Corp., ADR	152,065	2,121,307
POSCO	6,238	1,927,852
Samsung Electronics Company, Ltd.	80,925	5,793,110
SK Telecom Company, Ltd.	20,191	5,737,929
		24,164,798
<b>Spain - 0.6%</b>		
Applus Services SA (A)	191,132	1,867,295
<b>Sweden - 3.5%</b>		
Svenska Handelsbanken AB, A Shares	382,038	4,312,425
Volvo AB, B Shares (B)	294,044	7,086,292
		11,398,717
<b>Switzerland - 11.6%</b>		
Adecco Group AG	52,959	3,603,425
Glencore PLC (A)	1,527,430	6,555,859
Novartis AG	75,248	6,864,618
Roche Holding AG	24,350	9,176,011
STMicroelectronics NV	117,636	4,278,011
UBS Group AG	452,897	6,937,125
		37,415,049
<b>United Kingdom - 9.2%</b>		
BAE Systems PLC	244,790	1,768,855
Coca-Cola Europacific Partners PLC	87,954	5,217,431
GlaxoSmithKline PLC	119,257	2,344,482
IMI PLC	185,666	4,418,775
JET2 PLC (A)	61,082	1,000,151
Melrose Industries PLC	1,170,390	2,519,289
Nomad Foods, Ltd. (A)	63,889	1,806,142
Persimmon PLC	59,165	2,423,610
Tesco PLC	1,306,466	4,035,906
Travis Perkins PLC (A)	179,820	4,207,299
		29,741,940
<b>United States - 3.5%</b>		
Applied Materials, Inc.	21,666	3,085,238
Envista Holdings Corp. (A)	109,968	4,751,717
FMC Corp.	31,879	3,449,308
		11,286,263
<b>TOTAL COMMON STOCKS (Cost \$269,528,013)</b>		<b>\$ 310,180,328</b>
<b>PREFERRED SECURITIES - 1.5%</b>		
<b>Germany - 1.5%</b>		
Volkswagen AG	18,848	4,725,776
<b>TOTAL PREFERRED SECURITIES (Cost \$3,970,939)</b>		<b>\$ 4,725,776</b>
<b>SHORT-TERM INVESTMENTS - 4.4%</b>		
<b>Short-term funds - 4.4%</b>		
Fidelity Institutional Money Market Government Portfolio, Institutional Class, 0.0100% (E)		
	4,811,413	4,811,413
John Hancock Collateral Trust, 0.0324% (E)(F)		
	953,970	9,544,085
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$14,355,626)</b>		<b>\$ 14,355,498</b>
<b>Total Investments (Disciplined Value International Trust)</b>		<b>\$ 329,261,602</b>
<b>(Cost \$287,854,578) - 102.0%</b>		<b>(6,509,802)</b>
<b>Other assets and liabilities, net - (2.0%)</b>		<b>\$ 322,751,800</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 322,751,800</b>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Disciplined Value International Trust (continued)

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-21.
(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)	The rate shown is the annualized seven-day yield as of 6-30-21.
(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.

## Emerging Markets Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 96.5%</b>		
<b>Australia - 0.0%</b>		
MMG, Ltd. (A)	284,000	\$ 124,754
<b>Belgium - 0.0%</b>		
Titan Cement International SA (A)	1,772	34,390
<b>Brazil - 3.6%</b>		
Banco Bradesco SA	59,872	263,139
Banco do Brasil SA	67,483	435,930
Banco Santander Brasil SA	17,518	142,643
Camil Alimentos SA	10,600	20,331
Cogna Educacao (A)	186,166	162,069
Enauta Participacoes SA	16,860	61,050
International Meal Company Alimentacao SA (A)	26,670	21,824
Iochpe Maxion SA (A)	11,411	36,776
JBS SA	10,100	59,092
JHSF Participacoes SA	28,427	41,551
Marisa Lojas SA (A)	14,758	27,476
Petroleo Brasileiro SA	403,347	2,456,347
Restoque Comercio e Confecoos de Roupas SA (A)	3,836	3,270
Sao Carlos Empreendimentos e Participacoes SA	5,205	44,936
Trisul SA	13,137	25,752
Tupy SA (A)	9,951	47,496
Usinas Siderurgicas de Minas Gerais SA	14,738	58,522
Vale SA	247,149	5,627,412
		9,535,616
<b>Canada - 0.1%</b>		
Atlas Corp.	9,130	130,103
<b>Chile - 0.4%</b>		
Camanchaca SA (A)	214,992	14,128
CAP SA	5,458	93,643
Cementos BIO BIO SA	16,447	16,349
Cencosud SA	133,449	265,502
Cristalerias de Chile SA	3,626	13,626
Empresa Nacional de Telecomunicaciones SA	15,564	85,620
Empresas CMPC SA	53,560	127,630
Empresas COPEC SA	21,339	210,080
Empresas Hites SA (A)	46,731	9,519
Grupo Security SA	147,513	24,789
Hortifrut SA	9,101	11,153
Inversiones Aguas Metropolitanas SA	42,648	23,287
Itau CorpBanca Chile SA (A)	10,081,598	27,730
Masisa SA (A)	321,066	6,186
PAZ Corp. SA	16,523	11,137

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chile (continued)</b>		
Ripley Corp. SA (A)	137,631	\$ 35,420
Salfacorp SA	54,622	29,751
Sigdo Koppers SA	50,989	48,601
SMU SA	43,046	5,108
Sociedad Matriz SAAM SA	670,600	47,666
Socovesa SA	113,429	24,254
SONDA SA	17,248	9,749
		1,140,928
<b>China - 24.6%</b>		
361 Degrees International, Ltd. (A)	140,000	76,313
3SBio, Inc. (A)(B)	146,500	181,161
AAC Technologies Holdings, Inc.	79,500	594,776
Agile Group Holdings, Ltd.	183,000	237,156
Agricultural Bank of China, Ltd., H Shares	2,201,000	763,758
Air China, Ltd., H Shares (A)	152,000	111,766
Alibaba Group Holding, Ltd. (A)	11,200	317,563
Aluminum Corp. of China, Ltd., H Shares (A)	372,000	220,548
Angang Steel Company, Ltd., H Shares (C)	193,800	122,695
Anhui Conch Cement Company, Ltd., H Shares	137,000	726,192
Anton Oilfield Services Group (A)(C)	284,000	19,016
Asia Cement China Holdings Corp.	65,000	50,923
AsiaInfo Technologies, Ltd. (B)	17,200	29,209
AviChina Industry & Technology Company, Ltd., H Shares	230,000	152,230
BAIC Motor Corp., Ltd., H Shares (B)	207,000	77,019
Baidu, Inc., ADR (A)	14,801	3,017,924
BAIOO Family Interactive, Ltd. (B)	126,000	26,430
Bank of China, Ltd., H Shares	5,614,694	2,016,027
Bank of Chongqing Company, Ltd., H Shares	69,500	46,280
Bank of Communications Company, Ltd., H Shares	705,876	474,157
Bank of Tianjin Company, Ltd., H Shares (A)	74,000	34,581
Baoye Group Company, Ltd., H Shares (A)	22,000	12,404
BBMG Corp., H Shares (C)	220,000	41,335
Beijing Capital International Airport Company, Ltd., H Shares (A)	236,000	156,732
Beijing North Star Company, Ltd., H Shares	132,000	24,637
Beijing Urban Construction Design & Development Group Company, Ltd., H Shares (B)	35,000	9,232
Boyaa Interactive International, Ltd. (A)	63,000	4,625
BYD Electronic International Company, Ltd. (C)	70,000	460,118
C&D Property Management Group Company, Ltd. (A)	14,000	8,649
Cabbeen Fashion, Ltd.	40,000	17,346
Central China Management Company, Ltd. (A)	113,732	33,544
Central China Real Estate, Ltd.	113,732	29,598
Chaowei Power Holdings, Ltd.	88,000	27,503
Cheetah Mobile, Inc., ADR (A)	4,594	10,888
China Aoyuan Group, Ltd.	134,000	113,169
China BlueChemical, Ltd., H Shares	264,000	77,208
China Cinda Asset Management Company, Ltd., H Shares	1,012,000	192,801
China CITIC Bank Corp., Ltd., H Shares	730,775	345,992
China Coal Energy Company, Ltd., H Shares	178,000	106,019
China Communications Services Corp., Ltd., H Shares	217,200	108,461

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
China Conch Venture Holdings, Ltd.	100,500	\$ 422,860
China Construction Bank Corp., H Shares	6,962,000	5,463,107
China Development Bank Financial Leasing Company, Ltd., H Shares (B)	122,000	18,849
China Dili Group (A)	190,600	51,453
China Dongxiang Group Company, Ltd.	530,000	93,617
China Eastern Airlines Corp., Ltd., H Shares	276,000	116,965
China Electronics Optics Valley Union Holding Company, Ltd.	308,000	22,157
China Energy Engineering Corp., Ltd., H Shares	380,000	38,123
China Everbright Bank Company, Ltd., H Shares	353,000	144,112
China Evergrande Group (C)	202,000	262,717
China Galaxy Securities Company, Ltd., H Shares	301,000	179,343
China Hankang Holdings, Ltd.	61,000	10,376
China Harmony Auto Holding, Ltd.	105,500	46,402
China Hongqiao Group, Ltd.	249,000	337,171
China Huarong Asset Management Company, Ltd., H Shares (B)(D)	1,070,000	84,340
China Huiyuan Juice Group, Ltd. (A)(D)	212,500	13,821
China International Capital Corp., Ltd., H Shares (B)	8,400	22,589
China International Marine Containers Group Company, Ltd., H Shares	64,700	142,631
China Kepei Education Group, Ltd.	68,000	49,104
China Lesso Group Holdings, Ltd.	133,000	328,333
China Life Insurance Company, Ltd., H Shares	315,000	624,525
China Lilang, Ltd.	72,000	46,710
China Literature, Ltd. (A)(B)	14,400	160,361
China Machinery Engineering Corp., H Shares	115,000	53,310
China Maple Leaf Educational Systems, Ltd. (A)(C)	222,000	59,948
China Medical System Holdings, Ltd.	146,000	383,750
China Merchants Bank Company, Ltd., H Shares	350,500	2,985,627
China Merchants Securities Company, Ltd., H Shares (B)	46,080	64,073
China Minsheng Banking Corp., Ltd., H Shares (C)	489,900	234,521
China Modern Dairy Holdings, Ltd. (C)	171,000	37,828
China Molybdenum Company, Ltd., H Shares	213,000	126,216
China National Building Material Company, Ltd., H Shares	567,450	666,320
China New Higher Education Group, Ltd. (B)	88,000	60,286
China Oilfield Services, Ltd., H Shares	182,000	163,044
China Oriental Group Company, Ltd.	164,000	52,945
China Pacific Insurance Group Company, Ltd., H Shares	271,800	853,796
China Petroleum & Chemical Corp., ADR	6,198	316,160
China Petroleum & Chemical Corp., H Shares	1,262,000	641,424
China Railway Group, Ltd., H Shares	379,000	197,563
China Railway Signal & Communication Corp., Ltd., H Shares (B)	207,000	76,462
China Reinsurance Group Corp., H Shares	554,000	56,348
China Resources Medical Holdings Company, Ltd.	103,000	125,151

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
China Resources Pharmaceutical Group, Ltd. (B)	195,500	\$ 121,749
China Sanjiang Fine Chemicals Company, Ltd.	105,000	42,598
China SCE Group Holdings, Ltd.	266,200	109,386
China Shanshui Cement Group, Ltd. (A)	117,000	31,397
China Shenhua Energy Company, Ltd., H Shares	372,000	728,676
China Shineway Pharmaceutical Group, Ltd.	32,000	32,773
China Silver Group, Ltd. (A)	94,000	8,567
China Southern Airlines Company, Ltd., H Shares (A)	228,000	141,506
China Sunshine Paper Holdings Company, Ltd. (A)	31,500	7,492
China Taifeng Beddings Holdings, Ltd. (A)(D)	204,000	12,769
China Tower Corp., Ltd., H Shares (B)	3,192,000	439,551
China Vanke Company, Ltd., H Shares	188,900	590,410
China XLX Fertiliser, Ltd.	94,000	53,727
China Yongda Automobiles Services Holdings, Ltd.	101,000	180,761
China ZhengTong Auto Services Holdings, Ltd. (A)	160,000	16,498
China Zheshang Bank Company, Ltd., H Shares (A)(C)	42,000	21,560
China Zhongwang Holdings, Ltd. (A)	196,800	45,820
Chinasoft International, Ltd. (A)	100,000	181,887
Chongqing Rural Commercial Bank Company, Ltd., H Shares	311,000	122,902
CIFI Holdings Group Company, Ltd.	341,380	266,286
CITIC Securities Company, Ltd., H Shares	123,500	309,449
CITIC, Ltd.	460,130	495,464
Cogobuy Group (A)(B)	74,000	26,694
Colour Life Services Group Company, Ltd. (A)(C)	6,169	2,422
Consun Pharmaceutical Group, Ltd.	19,000	12,378
COSCO SHIPPING Development Company, Ltd., H Shares	434,000	92,683
COSCO SHIPPING Energy Transportation Company, Ltd., H Shares	168,000	78,230
COSCO SHIPPING Holdings Company, Ltd., H Shares (A)	110,000	276,416
Cosmo Lady China Holdings Company, Ltd. (A)(B)	29,000	4,441
Country Garden Holdings Company, Ltd.	912,471	1,021,301
CPMC Holdings, Ltd.	76,000	44,532
CSPC Pharmaceutical Group, Ltd.	234,000	338,002
CT Environmental Group, Ltd. (A)(D)	164,000	6,463
DaFa Properties Group, Ltd.	27,000	21,731
Dali Foods Group Company, Ltd. (B)	180,500	107,567
Dexin China Holdings Company, Ltd. (A)(C)	66,000	25,103
Dongfang Electric Corp., Ltd., H Shares	29,000	23,216
Dongfeng Motor Group Company, Ltd., H Shares	210,000	188,503
Dongyue Group, Ltd.	143,000	119,585
DouYu International Holdings, Ltd., ADR (A)	3,398	23,242
E-Commodities Holdings, Ltd. (A)	348,000	17,262
E-House China Enterprise Holdings, Ltd.	17,700	15,112
Everbright Securities Company, Ltd., H Shares (B)	25,600	21,882
Fang Holdings, Ltd., ADR (A)	10	119

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Fantasia Holdings Group Company, Ltd. (A)	172,500	\$ 19,536
FinVolution Group, ADR	6,795	64,688
First Tractor Company, Ltd., H Shares	36,000	23,314
Fosun International, Ltd.	195,460	280,931
Fu Shou Yuan International Group, Ltd.	103,000	100,650
Fufeng Group, Ltd. (A)	270,200	86,559
Fuyao Glass Industry Group Company, Ltd., H Shares (B)	9,600	67,584
GDS Holdings, Ltd., Class A (A)	1,800	17,681
Genertec Universal Medical Group Company, Ltd. (B)	99,000	96,729
GF Securities Company, Ltd., H Shares	119,800	155,077
GOME Retail Holdings, Ltd. (A)	434,000	55,683
Grand Baoxin Auto Group, Ltd. (A)	219,500	36,642
Great Wall Motor Company, Ltd., H Shares	88,500	285,194
Greatview Aseptic Packaging Company, Ltd.	44,000	19,860
Greenland Hong Kong Holdings, Ltd.	88,000	28,359
Greentown China Holdings, Ltd.	102,500	158,154
Guangshen Railway Company, Ltd., ADR (A)	3,552	34,703
Guangshen Railway Company, Ltd., H Shares (A)	34,000	6,610
Guangzhou Automobile Group Company, Ltd., H Shares	234,000	210,029
Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., H Shares	24,000	75,818
Guangzhou R&F Properties Company, Ltd., H Shares	201,600	230,241
Guorui Properties, Ltd.	84,000	4,328
Guotai Junan Securities Company, Ltd., H Shares (B)	34,600	49,141
Haichang Ocean Park Holdings, Ltd. (A)(B)	181,000	12,573
Haier Smart Home Company, Ltd., H Shares (A)	81,600	284,587
Hainan Meilan International Airport Company, Ltd., H Shares (A)	17,000	70,860
Haitian International Holdings, Ltd.	70,000	234,419
Haitong Securities Company, Ltd., H Shares	188,000	164,626
Harbin Bank Company, Ltd., H Shares (A)(B)	74,000	9,243
Harbin Electric Company, Ltd., H Shares (A)	128,000	34,782
HC Group, Inc. (A)(C)	98,000	12,494
Hengan International Group Company, Ltd.	70,000	468,405
Hiroca Holdings, Ltd.	8,000	18,947
Hisense Home Appliances Group Company, Ltd., H Shares	39,000	53,802
Honghua Group, Ltd. (A)	367,000	13,000
Honworld Group, Ltd. (B)(D)	56,000	19,928
Hope Education Group Company, Ltd. (B)	174,000	41,871
Hua Hong Semiconductor, Ltd. (A)(B)	27,000	149,059
Huatai Securities Company, Ltd., H Shares (B)	112,800	165,462
Huishang Bank Corp., Ltd., H Shares	63,300	20,869
iDreamSky Technology Holdings, Ltd. (A)(B)	32,000	20,480
Industrial & Commercial Bank of China, Ltd., H Shares	5,463,000	3,201,422
Inke, Ltd. (A)	75,000	21,254

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Inner Mongolia Yitai Coal Company, Ltd., H Shares	25,700	\$ 17,886
JD.com, Inc., Class A (A)	13,650	543,585
Jiangxi Copper Company, Ltd., H Shares	99,000	202,176
Jingrui Holdings, Ltd. (A)	69,000	19,763
JinkoSolar Holding Company, Ltd., ADR (A)(C)	5,541	310,407
JNBY Design, Ltd.	19,000	33,742
JOYY, Inc., ADR	5,041	332,555
Kaisa Group Holdings, Ltd. (A)	294,857	111,493
Kaisa Prosperity Holdings, Ltd. (A)	4,000	15,540
Kangda International Environmental Company, Ltd. (A)(B)	140,000	12,450
Kasen International Holdings, Ltd. (A)	119,000	13,468
Kingsoft Corp., Ltd.	58,000	347,356
KWG Group Holdings, Ltd.	177,013	236,735
KWG Living Group Holdings, Ltd. (A)	88,506	113,252
Legend Holdings Corp., H Shares (B)	66,200	108,781
Lenovo Group, Ltd.	762,000	875,082
LexinFintech Holdings, Ltd., ADR (A)	14,967	183,346
Liaoning Port Company, Ltd., H Shares	204,000	20,230
Livzon Pharmaceutical Group, Inc., H Shares	17,400	85,707
Logan Group Company, Ltd.	166,000	248,303
Longfor Group Holdings, Ltd. (B)	201,500	1,122,387
Lonking Holdings, Ltd.	277,000	89,532
Luye Pharma Group, Ltd. (A)(B)	235,000	154,446
Maanshan Iron & Steel Company, Ltd., H Shares	108,000	46,824
Metallurgical Corp. of China, Ltd., H Shares	185,000	43,107
Minth Group, Ltd.	88,000	417,350
MOBI Development Company, Ltd. (A)	70,000	4,684
Modern Land China Company, Ltd.	88,000	8,722
Momo, Inc., ADR	17,548	268,660
Nature Home Holding Company, Ltd. (A)	59,000	9,498
NetDragon Websoft Holdings, Ltd.	17,000	45,286
New China Life Insurance Company, Ltd., H Shares	86,800	295,968
NVC International Holdings, Ltd. (A)	267,000	6,873
Orient Securities Company, Ltd., H Shares (B)	66,400	48,145
PetroChina Company, Ltd., ADR (C)	1,761	86,342
PetroChina Company, Ltd., H Shares	2,098,000	1,027,411
PICC Property & Casualty Company, Ltd., H Shares	624,000	545,829
Ping An Insurance Group Company of China, Ltd., H Shares	261,000	2,551,379
Postal Savings Bank of China Company, Ltd., H Shares (B)	745,000	501,007
Powerlong Real Estate Holdings, Ltd.	178,000	152,553
Q Technology Group Company, Ltd.	37,000	75,768
Qingdao Port International Company, Ltd., H Shares (B)	19,000	10,471
Qingling Motors Company, Ltd., H Shares	128,000	27,165
Qunxing Paper Holdings Company, Ltd. (A)(D)	634,371	0
Red Star Macalline Group Corp., Ltd., H Shares (A)(B)	62,480	43,955
Redco Properties Group, Ltd. (B)	96,000	31,145
Redsun Properties Group, Ltd.	93,000	30,925
Ronshine China Holdings, Ltd. (A)	61,500	35,457
Sany Heavy Equipment International Holdings Company, Ltd.	99,000	100,269
Seazen Group, Ltd. (A)	240,000	226,970

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Shandong Chenming Paper Holdings, Ltd., H Shares	41,000	\$ 25,543
Shandong Gold Mining Company, Ltd., H Shares (B)(C)	63,500	112,258
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	252,000	587,813
Shanghai Electric Group Company, Ltd., H Shares (A)	158,000	42,138
Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	32,500	262,320
Shanghai Jin Jiang Capital Company, Ltd., H Shares	244,000	52,445
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	91,200	199,173
Shengjing Bank Company, Ltd., H Shares (A)(B)	17,500	15,537
Shenguan Holdings Group, Ltd.	90,000	4,861
Shenwan Hongyuan Group Company, Ltd., H Shares (B)	143,200	38,368
Shui On Land, Ltd. (A)	390,961	63,442
Siuhan Pharmaceutical Holdings Group, Ltd.	177,000	75,622
Sino-Ocean Group Holding, Ltd.	333,973	73,167
Sinopec Engineering Group Company, Ltd., H Shares	129,000	83,495
Sinopec Oilfield Service Corp., H Shares (A)	550,000	50,970
Sinopec Shanghai Petrochemical Company, Ltd., H Shares	300,000	69,825
Sinopharm Group Company, Ltd., H Shares	156,800	465,185
Sinosoft Technology Group, Ltd.	104,000	19,828
Sinotrans, Ltd., H Shares	242,000	100,729
Sinotruk Hong Kong, Ltd.	100,500	215,371
Skyfame Realty Holdings, Ltd.	286,000	34,973
SOHO China, Ltd. (A)	247,000	132,604
Sun King Technology Group, Ltd. (A)	108,000	41,558
Sunac China Holdings, Ltd.	291,000	997,851
Sunac Services Holdings, Ltd. (B)	7,400	27,466
Sunshine 100 China Holdings, Ltd. (B)	77,000	12,209
TAL Education Group, ADR (A)	2,919	73,646
Ten Pao Group Holdings, Ltd.	80,000	21,631
Tencent Music Entertainment Group, ADR (A)	18,956	293,439
Tenwow International Holdings, Ltd. (A)(D)	121,000	4,441
The People's Insurance Company Group of China, Ltd., H Shares	514,000	171,387
Tian Ge Interactive Holdings, Ltd. (A)(B)	44,000	6,180
Tiangong International Company, Ltd. (C)	108,000	46,022
Tianjin Capital Environmental Protection Group Company, Ltd., H Shares	24,000	10,691
Tianli Education International Holdings, Ltd. (A)	21,000	7,986
Tianneng Power International, Ltd. (C)	78,000	136,361
Tianyuan International Holdings, Ltd. (A)	54,000	11,337
Tingyi Cayman Islands Holding Corp.	212,000	423,243
Tong Ren Tang Technologies Company, Ltd., H Shares	62,000	56,920
Tongcheng-Elong Holdings, Ltd. (A)	74,000	185,196
TravelSky Technology, Ltd., H Shares	88,000	189,603
Trigiant Group, Ltd. (A)	158,000	14,645
Trip.com Group, Ltd., ADR (A)	35,226	1,249,114
Tsingtao Brewery Company, Ltd., H Shares	16,000	172,067

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Uni-President China Holdings, Ltd.	120,000	\$ 132,401
Viomi Technology Company, Ltd., ADR (A)(C)	4,620	39,224
Vipshop Holdings, Ltd., ADR (A)	17,059	342,545
Vircend Education Company, Ltd. (B)	59,000	8,291
Want Want China Holdings, Ltd.	439,000	310,839
Weibo Corp., ADR (A)	1,290	67,880
Weichai Power Company, Ltd., H Shares	217,000	481,804
Weiqiao Textile Company, H Shares	73,500	24,050
West China Cement, Ltd.	380,000	58,227
Wisdom Education International Holdings Company, Ltd.	122,000	33,324
Xiabuxiabu Catering Management China Holdings Company, Ltd. (A)(B)	35,500	37,200
Xiamen International Port Company, Ltd., H Shares	260,000	31,757
Xingda International Holdings, Ltd.	135,930	32,709
Xingfa Aluminium Holdings, Ltd.	29,000	47,610
Xinhua Winshare Publishing and Media Company, Ltd., H Shares	51,000	36,489
Xinjiang Goldwind Science & Technology Company, Ltd., H Shares (C)	47,000	73,434
Xinyi Solar Holdings, Ltd.	22,000	47,353
Xinyuan Real Estate Company, Ltd., ADR	6,010	15,927
Xtep International Holdings, Ltd.	151,231	284,944
Yangtze Optical Fibre and Cable Joint Stock, Ltd. Company, H Shares (B)	15,500	19,701
Yanzhou Coal Mining Company, Ltd., H Shares	262,000	351,835
YiChang HEC ChangJiang Pharmaceutical Company, Ltd., H Shares (B)	33,400	36,842
Yiren Digital, Ltd., ADR (A)	7,156	43,008
Yum China Holdings, Inc.	28,049	1,858,246
Yuzhou Group Holdings Company, Ltd.	297,024	76,195
Zhaojin Mining Industry Company, Ltd., H Shares	122,500	116,492
Zhejiang Glass Company, Ltd., H Shares (A)(D)	162,000	0
Zhengzhou Coal Mining Machinery Group Company, Ltd., H Shares	25,400	32,314
Zhenro Properties Group, Ltd.	131,000	73,180
Zhong An Group, Ltd. (A)	409,000	20,314
Zhongsheng Group Holdings, Ltd.	13,500	112,298
Zhou Hei Ya International Holdings Company, Ltd. (A)(B)	58,000	69,492
Zhuzhou CRRC Times Electric Company, Ltd., H Shares (A)	47,900	282,923
Zijin Mining Group Company, Ltd., H Shares	46,000	61,727
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	112,000	117,233
ZTE Corp., H Shares	62,400	194,730
ZTO Express Cayman, Inc., ADR	34,890	1,058,912
		65,814,224
<b>Colombia - 0.1%</b>		
Cementos Argos SA	24,726	35,248
Grupo Argos SA	36,406	97,005
Grupo de Inversiones Suramericana SA	23,322	114,963
		247,216
<b>Czech Republic - 0.1%</b>		
CEZ AS	9,077	269,179
Komerční banka AS (A)	2,458	86,492
		355,671

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Greece - 0.3%</b>		
Alpha Services and Holdings SA (A)	98,073	\$ 125,516
Bank of Greece	667	11,976
Ellaktor SA (A)	17,133	30,688
Eurobank Ergasias Services and Holdings SA (A)	179,251	180,929
Fourlis Holdings SA (A)	3,756	19,875
Hellenic Petroleum SA	6,586	47,966
Mytilineos SA	7,106	129,255
National Bank of Greece SA (A)	46,051	131,254
Piraeus Financial Holdings SA (A)	2,005	3,548
		681,007
<b>Hong Kong - 5.7%</b>		
Ajisen China Holdings, Ltd.	147,000	33,637
Anxin-China Holdings, Ltd. (A)(D)	1,648,000	0
APT Satellite Holdings, Ltd.	28,000	8,321
Asian Citrus Holdings, Ltd. (A)(C)	249,000	10,107
Ausnutria Dairy Corp., Ltd. (A)	70,000	93,688
Beijing Energy International Holding Company, Ltd. (A)	814,000	29,851
Beijing Enterprises Clean Energy Group, Ltd. (A)	600,000	8,645
Beijing Enterprises Holdings, Ltd.	63,500	225,291
Beijing Enterprises Water Group, Ltd. (A)	532,000	201,563
Bosideng International Holdings, Ltd.	394,000	281,528
Brilliance China Automotive Holdings, Ltd.	216,000	134,568
C C Land Holdings, Ltd.	125,126	30,605
C&D International Investment Group, Ltd. (A)	14,000	25,099
CA Cultural Technology Group, Ltd. (A)(C)	35,000	13,487
CECEP COSTIN New Materials Group, Ltd. (A)(D)	348,000	0
CGN New Energy Holdings Company, Ltd. (C)	150,000	61,949
China Aerospace International Holdings, Ltd.	190,000	17,110
China Aircraft Leasing Group Holdings, Ltd. (C)	23,000	17,974
China Boton Group Company, Ltd. (A)(C)	20,000	11,059
China Education Group Holdings, Ltd.	36,000	80,298
China Everbright Greentech, Ltd. (B)(C)	43,000	16,385
China Everbright, Ltd.	76,000	89,355
China Fiber Optic Network System Group, Ltd. (A)(D)	150,800	5,438
China Foods, Ltd.	74,000	26,886
China Gas Holdings, Ltd.	254,000	773,760
China Grand Pharmaceutical and Healthcare Holdings, Ltd.	86,000	80,379
China High Precision Automation Group, Ltd. (A)(D)	18,000	2,156
China High Speed Transmission Equipment Group Company, Ltd. (A)	45,000	28,559
China Jinmao Holdings Group, Ltd.	500,000	167,295
China Longevity Group Company, Ltd. (A)(D)	93,000	4,923
China Lumena New Materials Corp. (A)(D)	2,036,000	0
China Mengniu Dairy Company, Ltd. (A)	56,000	338,310
China Merchants Land, Ltd. (A)	260,000	36,493
China Merchants Port Holdings Company, Ltd.	136,622	199,530
China New Town Development Company, Ltd.	300,165	4,447
China Oil & Gas Group, Ltd. (A)	600,000	32,457

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
China Overseas Grand Oceans Group, Ltd.	191,500	\$ 111,524
China Overseas Land & Investment, Ltd.	421,000	954,670
China Resources Cement Holdings, Ltd.	282,000	267,939
China Resources Gas Group, Ltd.	98,000	587,725
China Resources Land, Ltd.	366,000	1,478,202
China South City Holdings, Ltd.	498,000	54,502
China Taiping Insurance Holdings Company, Ltd.	178,600	296,902
China Traditional Chinese Medicine Holdings Company, Ltd. (A)	336,000	230,190
China Travel International Investment Hong Kong, Ltd. (A)	314,000	52,120
China Vast Industrial Urban Development Company, Ltd. (B)	36,000	13,926
Chu Kong Shipping Enterprises Group Company, Ltd.	26,000	3,547
CIMC Enric Holdings, Ltd.	94,000	97,661
CITIC Resources Holdings, Ltd. (A)	488,000	24,475
Concord New Energy Group, Ltd.	690,000	52,438
COSCO SHIPPING International Hong Kong Company, Ltd.	59,625	18,944
COSCO SHIPPING Ports, Ltd.	162,371	126,774
CP Pokphand Company, Ltd.	870,000	95,213
Dawnrays Pharmaceutical Holdings, Ltd.	117,000	27,105
Digital China Holdings, Ltd.	73,000	48,218
Far East Horizon, Ltd.	183,000	191,485
GCL-Poly Energy Holdings, Ltd. (A)(C)	2,057,000	329,120
Geely Automobile Holdings, Ltd.	602,000	1,890,737
Gemdale Properties & Investment Corp., Ltd.	778,000	99,124
Glorious Property Holdings, Ltd. (A)	88,000	2,609
Glory Sun Financial Group, Ltd. (A)(C)	612,000	16,451
Goldlion Holdings, Ltd.	36,000	8,306
Goldpac Group, Ltd.	46,000	10,493
Health & Happiness H&H International Holdings, Ltd.	24,500	102,735
Hi Sun Technology China, Ltd. (A)	372,000	62,660
Hopson Development Holdings, Ltd.	90,000	412,470
Hua Han Health Industry Holdings, Ltd. (A)(D)	880,000	24,028
Jiayuan International Group, Ltd.	111,625	47,469
Joy City Property, Ltd.	328,000	19,252
Ju Teng International Holdings, Ltd.	130,000	27,290
Kingboard Holdings, Ltd.	88,130	488,620
Kingboard Laminates Holdings, Ltd.	111,000	249,246
Kunlun Energy Company, Ltd.	438,000	403,218
Lee & Man Paper Manufacturing, Ltd.	129,000	98,186
Lee's Pharmaceutical Holdings, Ltd.	54,000	33,776
Lifestyle China Group, Ltd. (A)	42,000	6,687
LVGEM China Real Estate Investment Company, Ltd. (A)	60,000	15,683
Min Xin Holdings, Ltd.	24,000	11,735
Mingyuan Medicare Development Company, Ltd. (A)(D)	1,300,000	0
Minmetals Land, Ltd.	118,000	12,741
Mobvista, Inc. (A)(B)	18,000	23,120
New World Department Store China, Ltd. (A)	34,000	6,529
Nine Dragons Paper Holdings, Ltd.	185,000	237,219
Overseas Chinese Town Asia Holdings, Ltd. (A)	52,000	10,436
PAX Global Technology, Ltd.	104,000	119,812
Poly Property Group Company, Ltd.	266,453	69,366
Pou Sheng International Holdings, Ltd. (A)	223,000	52,515
Prinx Chengshan Cayman Holding, Ltd.	18,000	20,166



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
Shanghai Industrial Holdings, Ltd.	37,000	\$ 54,563
Shanghai Industrial Urban Development Group, Ltd.	359,400	33,838
Shanghai Zendai Property, Ltd. (A)	765,000	5,883
Shenzhen International Holdings, Ltd.	135,199	186,808
Shenzhen Investment, Ltd.	373,271	115,007
Shimao Group Holdings, Ltd.	150,000	367,456
Shoucheng Holdings, Ltd.	128,000	30,681
Shougang Fushan Resources Group, Ltd.	272,565	80,380
Silver Grant International Holdings Group, Ltd. (A)	160,000	12,380
Sino Biopharmaceutical, Ltd.	326,000	319,393
Sinofert Holdings, Ltd. (A)	300,000	43,266
Sinopec Kantons Holdings, Ltd.	160,000	59,937
Skyworth Group, Ltd. (A)	207,190	58,144
Solargiga Energy Holdings, Ltd. (A)	243,000	13,919
SSY Group, Ltd.	182,000	162,421
Symphony Holdings, Ltd.	20,000	2,319
TCL Electronics Holdings, Ltd. (A)	114,600	68,339
Texhong Textile Group, Ltd.	24,000	38,784
The Wharf Holdings, Ltd.	107,000	408,130
Tian An China Investment Company, Ltd.	54,000	32,698
Tianjin Port Development Holdings, Ltd.	478,000	37,525
Tomson Group, Ltd.	45,714	11,109
Tongda Group Holdings, Ltd. (A)	590,000	36,133
United Energy Group, Ltd.	220,000	31,732
Vinda International Holdings, Ltd.	39,000	120,071
Wasion Holdings, Ltd.	90,000	28,129
Yuexiu Property Company, Ltd.	165,908	174,785
		15,270,342
<b>Hungary - 0.2%</b>		
MOL Hungarian Oil & Gas PLC (A)	53,879	428,722
<b>India - 12.1%</b>		
ACC, Ltd.	5,847	158,795
Adani Enterprises, Ltd. (A)	21,676	440,303
Adani Green Energy, Ltd. (A)	14,863	223,271
Adani Ports & Special Economic Zone, Ltd.	47,493	450,923
Adani Total Gas, Ltd.	1,936	26,618
Adani Transmission, Ltd. (A)	9,644	137,687
Aditya Birla Capital, Ltd. (A)	55,560	87,377
Allcargo Logistics, Ltd.	10,467	22,421
Ambuja Cements, Ltd.	55,925	256,351
Apollo Tyres, Ltd. (A)	28,578	86,689
Arvind Fashions, Ltd. (A)	4,879	8,974
Arvind, Ltd. (A)	12,009	12,729
Aster DM Healthcare, Ltd. (A)(B)	4,365	9,062
Aurobindo Pharma, Ltd.	33,905	440,687
Axis Bank, Ltd. (A)	119,271	1,204,145
Bajaj Holdings & Investment, Ltd. (A)	3,955	192,129
Balmer Lawrie & Company, Ltd.	11,041	20,870
Balrampur Chini Mills, Ltd.	17,968	86,554
Bank of Baroda (A)	88,922	103,057
BEML, Ltd.	1,822	32,934
Bharat Electronics, Ltd.	59,808	143,812
Bharat Heavy Electricals, Ltd. (A)	72,839	64,241
Bharti Airtel, Ltd.	9,061	64,455
Birla Corp., Ltd.	2,709	44,233
Birlasoft, Ltd.	13,384	72,007
Brigade Enterprises, Ltd. (A)	12,969	48,903
BSE, Ltd.	724	8,791
Cadila Healthcare, Ltd. (A)	5,367	46,632
Canara Bank (A)	9,205	18,871
Ceat, Ltd. (A)	2,623	47,957
Chambal Fertilizers & Chemicals, Ltd.	19,376	79,654

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Chennai Super Kings Cricket, Ltd. (A)(D)	207,315	\$ 6,276
Cholamandalam Financial Holdings, Ltd. (A)	5,037	44,701
Cipla, Ltd. (A)	35,701	466,686
Container Corp. of India, Ltd.	14,589	137,624
Cyient, Ltd.	5,147	59,855
Dalmia Bharat, Ltd. (A)	2,887	73,823
DB Corp., Ltd. (A)	6,129	8,344
DCB Bank, Ltd. (A)	23,624	33,021
DCM Shriram, Ltd.	6,717	82,372
Dishmak Carbogen Amcis, Ltd. (A)	5,361	15,391
DLF, Ltd.	42,524	161,150
Edelweiss Financial Services, Ltd.	46,814	45,865
EID Parry India, Ltd. (A)	12,265	70,567
Exide Industries, Ltd.	26,285	64,476
Federal Bank, Ltd. (A)	191,615	225,313
Finolex Industries, Ltd. (A)	25,360	63,082
Firstsource Solutions, Ltd.	16,189	41,103
Fortis Healthcare, Ltd. (A)	23,713	78,004
GAIL India, Ltd.	193,496	390,500
General Insurance Corp. of India (A)(B)	8,025	22,507
GHCL, Ltd.	6,390	23,252
Glenmark Pharmaceuticals, Ltd.	13,855	121,543
Granules India, Ltd.	18,738	84,100
Grasim Industries, Ltd.	22,248	449,549
Gujarat Alkalies & Chemicals, Ltd.	3,130	16,966
Gujarat Ambuja Exports, Ltd. (A)	15,820	36,900
Gujarat Fluorochemicals, Ltd. (A)	4,397	68,986
Gujarat Narmada Valley Fertilizers & Chemicals, Ltd.	10,255	52,267
Gujarat Pipavav Port, Ltd.	15,449	23,436
Gujarat State Petronet, Ltd.	22,857	103,142
Hero MotoCorp., Ltd.	389	15,215
HFCL, Ltd. (A)	95,724	87,527
Hindalco Industries, Ltd.	140,404	705,450
ICICI Bank, Ltd.	220,375	1,877,782
ICICI Bank, Ltd., ADR (A)	17,653	301,866
IDFC First Bank, Ltd. (A)	126,067	92,365
IDFC, Ltd. (A)	67,378	49,070
IIFL Finance, Ltd.	28,316	96,995
IIFL Securities, Ltd.	47,890	48,357
IIFL Wealth Management, Ltd.	1,561	24,390
Indiabulls Housing Finance, Ltd.	33,338	117,023
Indiabulls Real Estate, Ltd. (A)	28,092	44,641
Indian Bank (A)	13,953	26,970
Indus Towers, Ltd.	32,463	104,674
IndusInd Bank, Ltd.	8,509	116,532
Jagran Prakashan, Ltd. (A)	12,700	11,186
Jindal Saw, Ltd.	29,627	46,525
Jindal Steel & Power, Ltd. (A)	52,794	283,298
JK Cement, Ltd. (A)	1,702	65,317
JK Tyre & Industries, Ltd.	8,887	16,529
JM Financial, Ltd.	33,116	39,722
JSW Energy, Ltd.	51,942	117,750
JSW Steel, Ltd.	103,888	960,024
Jubilant Ingrevia, Ltd. (A)	11,603	81,820
Jubilant Pharmova, Ltd. (A)	11,603	114,442
Just Dial, Ltd. (A)	1,950	25,230
Jyothy Labs, Ltd. (A)	5,194	10,866
Kalpataru Power Transmission, Ltd.	9,196	52,844
Kaveri Seed Company, Ltd.	1,661	16,308
Kiri Industries, Ltd.	2,637	21,213
KPIT Technologies, Ltd. (A)	13,384	47,225
KPR Mill, Ltd.	4,562	93,396
KRBL, Ltd. (A)	2,618	8,333

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## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
L&T Finance Holdings, Ltd. (A)	74,021	\$ 92,735
Larsen & Toubro, Ltd.	49,161	993,529
Laurus Labs, Ltd. (B)	14,325	133,479
LIC Housing Finance, Ltd.	39,247	248,774
Linde India, Ltd.	3,319	73,667
Lupin, Ltd.	23,401	362,020
Maharashtra Scooters, Ltd. (A)	404	20,316
Maharashtra Seamless, Ltd.	4,212	16,734
Mahindra & Mahindra Financial Services, Ltd. (A)	59,708	126,597
Mahindra & Mahindra, Ltd.	68,622	722,512
Mahindra CIE Automotive, Ltd. (A)	17,673	56,180
Mahindra Lifespace Developers, Ltd. (A)	3,463	27,891
Manappuram Finance, Ltd.	27,778	63,217
Max Healthcare Institute, Ltd. (A)	21,489	73,497
MOIL, Ltd.	14,559	37,651
Mphasis, Ltd.	7,042	202,616
MRF, Ltd.	99	106,706
NCC, Ltd.	25,675	30,144
NIIT, Ltd.	6,437	24,850
Nilkamal, Ltd.	1,287	38,459
NMDC, Ltd.	40,445	100,544
Oberoi Realty, Ltd. (A)	6,103	51,556
Omaxe, Ltd. (A)	5,567	5,974
Persistent Systems, Ltd.	6,112	245,513
Phillips Carbon Black, Ltd.	7,735	23,807
Piramal Enterprises, Ltd.	7,847	255,499
PNB Housing Finance, Ltd. (A)(B)	3,409	31,531
Polyplex Corp., Ltd.	2,563	47,740
Power Finance Corp., Ltd.	90,707	158,325
Prestige Estates Projects, Ltd. (A)	20,468	80,163
PTC India, Ltd.	31,315	43,791
Punjab National Bank (A)	97,317	55,495
Quess Corp., Ltd. (B)	1,882	20,739
Rain Industries, Ltd.	22,684	59,591
Rajesh Exports, Ltd.	8,931	67,819
Ramco Industries, Ltd.	4,270	15,582
Raymond, Ltd. (A)	1,181	6,584
RBL Bank, Ltd. (A)(B)	21,550	61,199
REC, Ltd.	89,160	178,816
Redington India, Ltd. (A)	40,574	146,527
Reliance Industries, Ltd., GDR (B)	121,829	6,891,972
Sharda Cropchem, Ltd.	2,311	10,730
Shriram City Union Finance, Ltd.	2,480	57,131
Shriram Transport Finance Company, Ltd.	13,889	251,463
Sobha, Ltd.	5,289	33,639
State Bank of India	109,237	617,283
Steel Authority of India, Ltd.	106,244	187,243
Strides Pharma Science, Ltd.	2,675	27,348
Sun Pharmaceutical Industries, Ltd.	54,244	492,460
Sun TV Network, Ltd.	7,964	56,794
TAKE Solutions, Ltd. (A)	7,707	6,586
Tata Chemicals, Ltd.	6,889	67,117
Tata Consumer Products, Ltd.	31,789	323,687
Tata Motors, Ltd. (A)	220,218	1,011,227
Tata Steel, Ltd.	34,913	548,555
Tech Mahindra, Ltd.	8,219	121,416
Techno Electric & Engineering Company, Ltd.	7,028	31,325
The Great Eastern Shipping Company, Ltd. (A)	12,279	64,266
The India Cements, Ltd.	20,619	53,306
The Karnataka Bank, Ltd. (A)	7,142	5,997
The Karur Vysya Bank, Ltd. (A)	24,026	16,793
The South Indian Bank, Ltd. (A)	134,442	23,925

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Transport Corp. of India, Ltd.	3,182	\$ 17,774
Trident, Ltd.	171,050	37,666
Tube Investments of India, Ltd.	1,822	28,643
TV18 Broadcast, Ltd. (A)	95,709	55,562
Uflex, Ltd.	7,789	60,142
Unichem Laboratories, Ltd.	4,453	19,017
UPL, Ltd.	31,035	332,102
Vardhman Textiles, Ltd. (A)	3,223	59,326
Vedanta, Ltd., ADR	61,204	869,097
Vodafone Idea, Ltd. (A)	275,824	37,346
Welspun Corp., Ltd.	14,025	27,043
Welspun Enterprises, Ltd. (A)	9,451	14,246
Welspun India, Ltd.	12,315	15,988
Wipro, Ltd.	158,426	1,163,640
Wockhardt, Ltd. (A)	4,216	29,419
Yes Bank, Ltd. (A)	196,614	36,004
Zee Entertainment Enterprises, Ltd.	73,055	211,259
		32,455,724
<b>Indonesia - 1.2%</b>		
Adaro Energy Tbk PT	1,772,000	147,487
Adhi Karya Persero Tbk PT (A)	235,600	12,281
AKR Corporindo Tbk PT	49,400	10,749
Alam Sutera Realty Tbk PT (A)	1,741,800	19,243
Astra Agro Lestari Tbk PT	49,555	26,003
Astra International Tbk PT	892,500	304,604
Astrindo Nusantara Infrastructure Tbk PT (A)	5,572,200	19,214
Bakrie Telecom Tbk PT (A)(D)	17,557,300	30,271
Bank Mandiri Persero Tbk PT	1,126,640	459,327
Bank Negara Indonesia Persero Tbk PT	591,381	189,217
Bank Pan Indonesia Tbk PT (A)	695,197	37,424
Bank Pembangunan Daerah Jawa Barat Dan Banten Tbk PT	284,100	23,734
Bank Pembangunan Daerah Jawa Timur Tbk PT	625,600	30,440
Bank Tabungan Negara Persero Tbk PT (A)	376,361	35,643
Barito Pacific Tbk PT	229,300	13,541
Bekasi Fajar Industrial Estate Tbk PT (A)	817,800	7,728
BISI International Tbk PT	290,800	22,572
Blue Bird Tbk PT (A)	5,500	459
Buana Lintas Lautan Tbk PT (A)	1,186,800	23,096
Bukit Asam Tbk PT	380,100	52,488
Bumi Serpong Damai Tbk PT (A)	499,400	33,151
Ciputra Development Tbk PT	1,290,744	82,891
Delta Dunia Makmur Tbk PT (A)	610,700	14,247
Elnusa Tbk PT	742,600	13,647
Erajaya Swasembada Tbk PT	1,113,500	53,101
Gudang Garam Tbk PT (A)	21,300	64,980
Indah Kiat Pulp & Paper Tbk PT	279,700	143,951
Indika Energy Tbk PT (A)	225,300	20,214
Indo Tambangraya Megah Tbk PT	34,600	33,930
Indofood Sukses Makmur Tbk PT	483,100	205,875
Intiland Development Tbk PT (A)	1,316,300	16,274
Japfa Comfeed Indonesia Tbk PT	499,770	59,718
Jaya Real Property Tbk PT	215,500	7,377
Kawasan Industri Jababeka Tbk PT (A)	2,384,099	27,969
Lippo Karawaci Tbk PT (A)	4,020,148	42,733
Malindo Feedmill Tbk PT (A)	128,500	6,299
Medco Energi Internasional Tbk PT (A)	1,194,526	52,896
Media Nusantara Citra Tbk PT (A)	718,600	46,192
MNC Vision Networks Tbk PT (A)	614,600	11,106
Pabrik Kertas Tjiwi Kimia Tbk PT	60,500	32,581
Panin Financial Tbk PT (A)	949,400	12,321
Paninvest Tbk PT (A)	116,800	6,203

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Indonesia (continued)</b>		
Perusahaan Perkebunan London Sumatra Indonesia Tbk PT	318,000	\$ 22,500
PP Persero Tbk PT (A)	292,600	18,508
Puradelta Lestari Tbk PT	1,584,700	21,030
Salim Ivomas Pratama Tbk PT (A)	670,100	20,167
Semen Indonesia Persero Tbk PT	164,600	108,006
Siloam International Hospitals Tbk PT	36,900	21,243
Sri Rejeki Isman Tbk PT (D)	1,260,900	12,696
Suryainti Permata Tbk PT (A)(D)	1,446,000	0
Trias Sentosa Tbk PT	512,800	17,857
Truba Alam Manunggal Engineering PT (A)(D)	11,991,500	0
Tunas Baru Lampung Tbk PT	484,800	26,778
United Tractors Tbk PT	202,200	282,886
Vale Indonesia Tbk PT	224,100	71,353
Waskita Beton Precast Tbk PT (A)	1,406,800	14,656
Waskita Karya Persero Tbk PT (A)	533,700	32,428
Wijaya Karya Persero Tbk PT (A)	349,400	23,915
XL Axiata Tbk PT	403,300	74,380
		3,221,580
<b>Malaysia - 1.5%</b>		
Aeon Company M BHD	28,600	8,886
AFFIN Bank BHD	92,555	39,051
Alliance Bank Malaysia BHD	129,100	74,976
AMMB Holdings BHD	204,262	145,196
Batu Kawan BHD	3,100	14,385
Berjaya Assets BHD (A)	77,400	4,759
Berjaya Corp. BHD (A)(C)	439,496	28,069
Berjaya Land BHD (A)	244,400	14,132
BIMB Holdings BHD	26,300	24,591
Boustead Holdings BHD (A)	116,088	18,349
Cahaya Mata Sarawak BHD	52,100	14,320
CIMB Group Holdings BHD	541,917	602,187
Cypark Resources BHD (A)	54,200	12,149
DRB-Hicom BHD	93,400	36,687
Eco World Development Group BHD	84,300	14,214
Ekovest BHD	146,600	14,485
Gamuda BHD (A)	99,430	75,002
Genting BHD	183,000	217,395
Genting Malaysia BHD	219,300	146,390
Hengyuan Refining Company BHD	28,800	33,509
HeveaBoard BHD	105,300	12,309
Hong Leong Financial Group BHD	27,099	116,298
IJM Corp. BHD	264,060	113,951
Insas BHD	88,369	18,639
JAKS Resources BHD (A)	177,060	20,485
Jaya Tiasa Holdings BHD (A)	58,826	8,087
Keck Seng Malaysia BHD (A)	11,300	9,607
Land & General BHD (A)	437,820	12,152
Lotte Chemical Titan Holding BHD (B)	30,231	20,263
Magnum BHD	132,714	63,310
Mah Sing Group BHD	192,300	39,223
Malayan Banking BHD	346,747	677,520
Malaysia Airports Holdings BHD (A)	36,700	53,077
Malaysia Building Society BHD	184,128	26,857
Malaysian Resources Corp. BHD	207,000	20,205
Matrix Concepts Holdings BHD	17,400	8,260
MBM Resources BHD	11,400	8,629
MISC BHD	106,200	173,572
MKH BHD	49,230	15,302
MMC Corp. BHD	68,600	29,947
MNRB Holdings BHD	36,891	11,387
Muhibbah Engineering M BHD	69,300	15,450
Oriental Holdings BHD	44,420	54,543
OSK Holdings BHD	111,397	22,826

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Malaysia (continued)</b>		
Pos Malaysia BHD (A)	30,900	\$ 5,959
PPB Group BHD	30,500	134,473
RHB Bank BHD	140,789	183,196
Sapura Energy BHD (A)	1,155,500	34,949
Sime Darby BHD	307,400	161,431
Sime Darby Property BHD	271,300	39,247
SP Setia BHD Group (A)	173,900	44,366
Sunway BHD	140,407	58,906
Ta Ann Holdings BHD	50,348	30,813
Tan Chong Motor Holdings BHD	6,300	1,775
Tropicana Corp. BHD (A)	161,380	34,178
UEM Edgenta BHD (A)	32,900	13,392
UEM Sunrise BHD (A)	372,300	34,996
UMW Holdings BHD (C)	48,800	37,143
United Malacca BHD	11,900	14,472
UOA Development BHD (C)	106,900	42,202
Velesto Energy BHD (A)	428,800	16,055
Vivocom International Holdings BHD (A)	51,766	7,090
WCT Holdings BHD (A)	194,484	24,138
Yinson Holdings BHD	16,500	19,923
YNH Property BHD	34,619	22,786
YTL Corp. BHD (A)	536,837	84,751
		4,136,872
<b>Mexico - 2.3%</b>		
Alfa SAB de CV, Class A	370,181	277,069
Alpek SAB de CV	49,200	60,519
Alterna Asesoría Internacional SAB de CV (A)	16,024	755
Arca Continental SAB de CV	25,987	150,389
Banco del Bajío SA (B)	68,070	122,215
Cemex SAB de CV, Series CPO (A)	807,431	679,678
Coca-Cola Femsa SAB de CV	23,422	123,960
Consorcio ARA SAB de CV (A)	25,993	5,998
Controladora Nemark SAB de CV (A)	242,555	39,424
Corp. Actinver SAB de CV	16,024	7,838
Credito Real SAB de CV (A)	47,738	23,924
El Puerto de Liverpool SAB de CV, Series C1	13,794	61,068
Fomento Economico Mexicano SAB de CV	4,256	35,999
Gentera SAB de CV (A)	115,192	67,610
Grupo Carso SAB de CV, Series A1	34,769	108,245
Grupo Cementos de Chihuahua SAB de CV	14,906	119,845
Grupo Comercial Chedraui SA de CV	28,776	46,079
Grupo Elektra SAB de CV	714	57,796
Grupo Financiero Banorte SAB de CV, Series O	163,262	1,051,285
Grupo Financiero Inbursa SAB de CV, Series O (A)	145,540	143,393
Grupo KUO SAB de CV, Series B (A)	47,192	111,268
Grupo Mexico SAB de CV, Series B	242,225	1,141,741
Grupo Pochteca SAB de CV (A)	9,600	3,708
Grupo Sanborns SAB de CV (A)	116,721	114,238
Grupo Televisa SAB, Series CPO	202,588	578,881
Industrias Bachoco SAB de CV, Series B	14,121	53,299
Industrias CH SAB de CV, Series B (A)	21,296	185,878
Industrias Penoles SAB de CV (A)	8,071	111,745
Minera Frisco SAB de CV, Series A1 (A)(C)	168,003	34,470
Nemark SAB de CV (A)(B)	122,637	43,004
Orbia Advance Corp. SAB de CV	82,670	216,110
Organizacion Cultiva SAB de CV	17,095	9,871
Organizacion Soriana SAB de CV, Series B (A)	201,350	182,219

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Mexico (continued)</b>		
Promotora y Operadora de Infraestructura SAB de CV	6,552	\$ 52,317
Promotora y Operadora de Infraestructura SAB de CV, L Shares	3,141	16,074
Unifin Financiera SAB de CV (A)	32,326	49,460
Vitro SAB de CV, Series A	6,357	7,925
		6,095,297
<b>Philippines - 0.8%</b>		
Alliance Global Group, Inc.	382,700	79,534
Ayala Corp.	9,390	153,913
Bank of the Philippine Islands	74,260	134,842
BDO Unibank, Inc.	154,227	357,585
Cebu Air, Inc. (A)	27,720	30,747
China Banking Corp.	75,528	39,453
Cosco Capital, Inc.	388,900	42,578
DMCI Holdings, Inc.	144,200	18,565
East West Banking Corp. (A)	74,300	15,829
EEL Corp. (A)	43,000	6,777
Filinvest Development Corp.	119,475	19,677
Filinvest Land, Inc.	937,500	21,116
First Philippine Holdings Corp.	29,660	48,048
Global Ferronickel Holdings, Inc.	283,424	14,953
GT Capital Holdings, Inc.	4,619	57,456
JG Summit Holdings, Inc.	207,282	264,025
LT Group, Inc.	159,800	42,212
Megaworld Corp.	839,700	55,574
Metropolitan Bank & Trust Company	130,973	130,644
Petron Corp. (A)	289,400	19,743
Philex Mining Corp.	161,300	21,326
Philippine National Bank (A)	65,310	30,237
Philtown Properties, Inc. (A)(D)	3,844	121
Phoenix Petroleum Philippines, Inc. (A)	22,200	5,904
PNB Holdings Corp. (A)(D)	10,246	67
Premium Leisure Corp.	815,000	7,086
RFM Corp.	133,500	12,289
Rizal Commercial Banking Corp.	62,703	29,022
Robinsons Land Corp.	285,768	101,224
Robinsons Retail Holdings, Inc.	16,680	18,356
San Miguel Corp.	60,640	145,879
Security Bank Corp.	15,410	37,228
Top Frontier Investment Holdings, Inc. (A)	18,024	51,256
Union Bank of the Philippines	43,950	68,903
Vista Land & Lifescapes, Inc.	569,000	44,301
		2,126,470
<b>Poland - 0.7%</b>		
Alior Bank SA (A)	8,706	76,167
Asseco Poland SA	3,962	80,182
Bank Millennium SA (A)	57,979	70,928
Ciech SA	2,826	35,959
Develia SA	22,340	19,616
Enea SA (A)	24,198	53,946
Famur SA (A)	24,204	14,495
Grupa Azoty SA (A)	4,728	40,923
Grupa Lotos SA	6,032	85,041
Jastrzebska Spolka Weglowa SA (A)	2,583	23,862
KGHM Polska Miedz SA	8,275	407,155
Lubelski Wegiel Bogdanka SA (A)	2,164	16,147
mBank SA (A)	914	78,031
PGE Polska Grupa Energetyczna SA (A)	63,994	157,946
PKP Cargo SA (A)	5,709	31,448
Polski Koncern Naftowy ORLEN SA	30,903	623,050
Stalexport Autostrady SA	15,820	14,597
Tauron Polska Energia SA (A)	64,088	56,119
		1,885,612

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Qatar - 0.5%</b>		
Aamal Company	210,501	\$ 56,874
Aljarah Holding Company QPSC	77,548	24,898
Baladna	72,138	30,122
Barwa Real Estate Company	145,829	119,475
Commercial Bank PSQC	142,087	205,600
Doha Bank QPSC	82,047	63,635
Doha Insurance Company QSC	25,407	13,606
Gulf International Services QSC (A)	102,379	42,004
Gulf Warehousing Company	19,525	27,749
Investment Holding Group (A)	88,748	27,029
Mannai Corp. QSC	5,422	5,679
Mesaieed Petrochemical Holding Company	223,749	115,723
Ooredoo QPSC	66,911	134,126
Qatar Fuel QSC	23,560	114,663
Qatar Insurance Company SAQ (A)	67,880	46,319
Qatar National Cement Company QSC	23,781	32,598
Qatar Navigation QSC	32,522	65,821
United Development Company QSC	177,150	70,771
Vodafone Qatar QSC	145,471	64,574
Widam Food Company	9,520	11,552
		1,272,818
<b>Russia - 1.4%</b>		
Gazprom PJSC, ADR (London Stock Exchange)	196,506	1,500,057
LUKOIL PJSC, ADR	22,853	2,121,042
Rosneft Oil Company PJSC, GDR (London Stock Exchange)	3,675	28,503
RusHydro PJSC, ADR	74,896	84,957
VTB Bank PJSC, GDR	86,297	114,868
		3,849,427
<b>Saudi Arabia - 2.0%</b>		
Al Babbtain Power & Telecommunication Company	2,665	28,703
Al Jouf Cement Company (A)	7,491	28,857
Al-Etihad Cooperative Insurance Company (A)	3,266	21,365
Alinma Bank	71,276	400,055
Arab National Bank	29,954	181,359
Arabian Cement Company	4,196	50,784
Aseer Trading Tourism & Manufacturing Company (A)	3,891	27,964
AXA Cooperative Insurance Company (A)	2,090	21,828
Bank Al-Jazira (A)	5,756	28,420
Banque Saudi Fransi	20,790	212,902
Dar Al Arkan Real Estate Development Company (A)	31,473	88,798
Eastern Province Cement Company	2,857	37,212
Ethiad Etisalat Company	31,820	281,369
Jazan Energy and Development Company (A)	3,513	25,160
Middle East Healthcare Company (A)	2,179	22,755
Mobile Telecommunications Company Saudi Arabia (A)	36,192	140,349
Najran Cement Company	7,837	50,476
National Industrialization Company (A)	17,952	92,553
Riyadh Bank	83,418	589,514
Sahara International Petrochemical Company	27,366	223,780
Saudi Arabian Mining Company (A)	792	13,366
Saudi Basic Industries Corp.	47,599	1,547,436
Saudi Chemical Company Holding	3,283	35,872
Saudi Kayan Petrochemical Company (A)	58,307	281,014
Tabuk Cement Company (A)	4,675	30,238
The Saudi British Bank (A)	36,504	306,849
The Saudi Investment Bank	5,091	23,025

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Saudi Arabia (continued)</b>		
The Saudi National Bank	33,557	\$ 515,434
Walaa Cooperative Insurance Company (A)	2,461	16,874
Yamama Cement Company (A)	8,393	76,750
Yanbu Cement Company	4,521	53,649
		5,454,710
<b>South Africa - 3.9%</b>		
Absa Group, Ltd. (A)	53,337	506,645
AECL, Ltd.	11,686	79,906
African Rainbow Minerals, Ltd.	10,677	189,951
Alexander Forbes Group Holdings, Ltd.	120,790	35,160
Alviva Holdings, Ltd.	22,754	21,988
AngloGold Ashanti, Ltd.	4,187	77,717
Aspen Pharmacare Holdings, Ltd. (A)	24,524	277,970
Astral Foods, Ltd.	4,628	51,045
Balwin Properties, Ltd.	6,271	1,877
Barloworld, Ltd.	29,177	218,567
Blue Label Telecoms, Ltd. (A)	44,582	13,102
Caxton & CTP Publishers & Printers, Ltd. (A)	19,879	12,009
DataTec, Ltd. (A)	17,642	34,101
Discovery, Ltd. (A)	28,018	247,043
Exxaro Resources, Ltd.	21,211	250,312
FirstRand, Ltd.	137,017	514,072
Gold Fields, Ltd., ADR	64,925	577,833
Grindrod, Ltd. (A)	45,556	15,475
Harmony Gold Mining Company, Ltd.	10,790	39,767
Hudaco Industries, Ltd.	5,065	45,431
Impala Platinum Holdings, Ltd.	47,215	776,570
Imperial Logistics, Ltd.	19,928	66,133
Investec, Ltd.	25,084	95,838
KAP Industrial Holdings, Ltd. (A)	320,850	92,894
Lewis Group, Ltd.	14,408	34,207
Liberty Holdings, Ltd. (A)	15,664	67,527
Life Healthcare Group Holdings, Ltd. (A)	120,405	192,218
Long4Life, Ltd. (A)	31,563	9,330
Massmart Holdings, Ltd. (A)	5,538	24,362
Metair Investments, Ltd.	28,785	45,402
Momentum Metropolitan Holdings	112,808	153,934
Motus Holdings, Ltd.	14,065	92,011
Mpact, Ltd.	23,460	42,636
MTN Group, Ltd. (A)	193,966	1,401,325
Murray & Roberts Holdings, Ltd. (A)	60,191	43,669
Nedbank Group, Ltd. (A)	29,166	348,913
Ninety One, Ltd.	12,542	37,612
Oceana Group, Ltd.	2,614	11,960
Old Mutual, Ltd.	238,727	225,604
Omnia Holdings, Ltd. (A)	19,012	73,601
Pepkor Holdings, Ltd. (A)(B)	42,396	59,764
PPC, Ltd. (A)	168,790	45,995
PSG Group, Ltd.	5,957	33,201
Raubex Group, Ltd.	25,287	57,543
RCL Foods, Ltd.	35,643	24,125
Reunert, Ltd.	22,587	80,036
Royal Bafokeng Platinum, Ltd.	6,534	46,757
Sanlam, Ltd.	33,478	143,950
Sappi, Ltd. (A)	61,862	178,813
Sasol, Ltd. (A)	38,091	580,283
Sibanye Stillwater, Ltd.	79,031	329,353
Standard Bank Group, Ltd.	110,671	988,360
Super Group, Ltd. (A)	49,845	108,805
Telkom SA SOC, Ltd.	37,622	122,433
The Bidvest Group, Ltd.	15,088	201,530
The Foschini Group, Ltd. (A)	30,762	341,209
Tiger Brands, Ltd.	7,082	103,566
Trencor, Ltd.	40,666	11,390

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Africa (continued)</b>		
Wilson Bayly Holmes-Ovcon, Ltd. (A)	7,646	\$ 60,219
		10,563,049
<b>South Korea - 14.7%</b>		
Aekyung Petrochemical Company, Ltd.	2,084	21,630
AJ Networks Company, Ltd.	2,832	15,316
AK Holdings, Inc.	743	21,504
Asia Cement Company, Ltd.	32	3,646
ASIA Holdings Company, Ltd.	241	27,835
BNK Financial Group, Inc.	31,490	216,540
Bookook Securities Company, Ltd.	501	11,344
Busan City Gas Company, Ltd.	58	3,185
Chosun Refractories Company, Ltd.	338	27,311
CJ CheilJedang Corp.	1,034	423,245
CJ Corp.	2,236	212,255
CJ Logistics Corp. (A)	826	129,713
Dae Han Flour Mills Company, Ltd.	232	37,210
Dae Won Kang Up Company, Ltd.	4,385	16,529
Daedong Corp.	3,364	34,812
Daesang Corp.	2,028	49,981
Daesang Holdings Company, Ltd.	2,310	24,112
Daewoo Engineering & Construction Company, Ltd. (A)	24,993	176,296
Dahaam E-Tec Company, Ltd. (A)	2,630	120,039
Daihan Pharmaceutical Company, Ltd.	563	17,349
Daishin Securities Company, Ltd.	3,901	68,437
Daou Data Corp.	1,778	25,039
Daou Technology, Inc.	3,359	84,969
DB Financial Investment Company, Ltd.	3,849	24,764
DB Insurance Company, Ltd.	6,507	316,870
DB, Inc. (A)	19,825	18,573
Deutsch Motors, Inc.	3,903	28,787
DGB Financial Group, Inc.	22,082	182,686
DI Dong Il Corp.	216	37,661
DL E&C Company, Ltd. (A)	2,017	254,035
DL Holdings Company, Ltd.	1,609	114,285
Dongkuk Industries Company, Ltd.	8,476	30,680
Dongkuk Steel Mill Company, Ltd.	6,404	126,090
Dongwon Development Company, Ltd.	5,212	28,655
Dongwon F&B Company, Ltd.	122	24,683
Dongwon Industries Company, Ltd.	176	41,129
Doosan Bobcat, Inc. (A)	4,079	174,005
Doosan Company, Ltd.	554	47,125
Doosan Infracore Company, Ltd. (A)	19,096	244,598
DTR Automotive Corp.	1,179	43,654
Easy Holdings Company, Ltd.	3,872	17,906
E-MART, Inc.	1,480	210,087
Eugene Corp.	6,888	35,736
Eugene Investment & Securities Company, Ltd.	11,471	46,549
Eusu Holdings Company, Ltd.	1,407	8,925
Farmsco	2,687	17,109
GS Engineering & Construction Corp.	7,532	286,781
GS Global Corp. (A)	7,813	21,099
GS Holdings Corp.	6,453	265,319
GS Home Shopping, Inc.	370	50,949
Gwangju Shinsegae Company, Ltd.	152	26,513
Halla Holdings Corp.	837	36,471
Hana Financial Group, Inc.	35,399	1,450,701
Handsome Company, Ltd.	1,545	58,901
Hanil Holdings Company, Ltd.	2,975	36,203
Hanjin Transportation Company, Ltd.	1,052	40,023
Hankook Tire & Technology Company, Ltd.	9,820	450,583
Hanshin Construction Company, Ltd.	1,844	42,560
Hansol Holdings Company, Ltd.	5,241	22,204

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Hansol Paper Company, Ltd.	2,920	\$ 42,404
Hansol Technics Company, Ltd. (A)	3,325	26,965
Hanwha Aerospace Company, Ltd.	2,248	93,760
Hanwha Corp.	4,500	126,703
Hanwha General Insurance Company, Ltd. (A)	5,427	23,516
Hanwha Investment & Securities Company, Ltd. (A)	15,071	63,855
Hanwha Life Insurance Company, Ltd.	34,108	114,076
Hanwha Solutions Corp. (A)	10,905	430,679
Harim Holdings Company, Ltd.	5,472	50,998
Heungkuk Fire & Marine Insurance Company, Ltd. (A)	6,321	26,734
Hitejinro Holdings Company, Ltd.	995	15,093
Huvis Corp.	3,715	37,460
Huvitz Company, Ltd.	1,341	11,964
Hyosung Corp.	1,035	94,641
Hyosung Heavy Industries Corp. (A)	742	48,055
Hyundai Construction Equipment Company, Ltd. (A)	1,613	79,365
Hyundai Corp.	1,339	24,063
Hyundai Corp. Holdings, Inc.	1,811	23,546
Hyundai Department Store Company, Ltd.	1,243	96,465
Hyundai Electric & Energy System Company, Ltd. (A)	2,220	40,554
Hyundai Engineering & Construction Company, Ltd.	6,540	338,553
Hyundai Futurenet Company, Ltd.	8,894	36,106
Hyundai Greenfood Company, Ltd.	5,234	49,975
Hyundai Heavy Industries Holdings Company, Ltd.	3,580	225,139
Hyundai Home Shopping Network Corp.	652	52,341
Hyundai Livart Furniture Company, Ltd.	1,327	23,165
Hyundai Marine & Fire Insurance Company, Ltd.	8,489	192,259
Hyundai Mipo Dockyard Company, Ltd. (A)	1,765	137,002
Hyundai Mobis Company, Ltd.	4,537	1,176,586
Hyundai Motor Company	9,379	1,995,674
Hyundai Motor Securities Company, Ltd.	3,480	42,951
Hyundai Steel Company	6,801	324,686
Hyundai Wia Corp.	1,918	172,789
Industrial Bank of Korea	26,166	244,244
Interpark Corp.	5,387	26,394
INTOPS Company, Ltd.	1,374	37,398
Jahwa Electronics Company, Ltd. (A)	2,057	40,848
JB Financial Group Company, Ltd.	16,807	112,571
Jeil Savings Bank (A)(D)	1,820	0
KAON Media Company, Ltd.	3,214	38,908
KB Financial Group, Inc.	5,839	289,790
KB Financial Group, Inc., ADR	39,288	1,936,898
KC Company, Ltd.	1,496	35,874
KCC Corp.	347	106,018
KCC Glass Corp.	939	52,285
Kia Corp.	18,836	1,501,095
KISCO Corp.	4,131	37,599
KISCO Holdings Company, Ltd.	1,536	28,438
KISWIRE, Ltd.	1,553	34,642
KIWOOM Securities Company, Ltd.	1,432	166,391
Kolmar Korea Holdings Company, Ltd.	1,323	35,735
Kolon Corp.	898	27,443
Kolon Industries, Inc.	2,219	159,020
Korea Asset In Trust Company, Ltd.	9,060	38,579
Korea Electric Terminal Company, Ltd.	561	50,342
Korea Investment Holdings Company, Ltd.	4,028	368,510

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Korea Line Corp. (A)	23,137	\$ 72,517
Korea Petrochemical Industrial Company, Ltd.	441	93,214
Korea Real Estate Investment & Trust Company, Ltd.	14,635	30,672
Korea Shipbuilding & Offshore Engineering Company, Ltd. (A)	2,882	342,784
Korea Zinc Company, Ltd.	845	324,036
Korean Air Lines Company, Ltd. (A)	16,372	457,922
Korean Reinsurance Company	9,470	82,896
Kortek Corp.	1,806	17,789
KPX Chemical Company, Ltd.	660	40,310
KSS LINE, Ltd.	3,562	39,866
KT Skylife Company, Ltd.	1,768	16,913
KT&G Corp.	2,902	217,482
KTB Investment & Securities Company, Ltd.	8,806	60,853
Kukdo Chemical Company, Ltd.	308	21,902
Kumho Tire Company, Inc. (A)	7,054	50,217
Kyeryong Construction Industrial Company, Ltd.	1,547	49,533
LF Corp.	2,312	41,782
LG Corp.	6,087	553,795
LG Display Company, Ltd., ADR (A)(C)	58,346	623,719
LG Electronics, Inc.	12,336	1,786,061
LG Hausys, Ltd.	659	57,466
LG HelloVision Company, Ltd.	3,836	30,779
LG International Corp.	2,902	80,394
LG Uplus Corp.	18,651	254,287
Lotte Chemical Corp.	1,193	278,022
Lotte Chilsung Beverage Company, Ltd.	305	39,298
Lotte Corp.	2,012	71,772
LOTTE Fine Chemical Company, Ltd.	1,849	108,318
Lotte Food Company, Ltd.	34	14,288
LOTTE Himart Company, Ltd.	1,006	32,011
Lotte Non-Life Insurance Company, Ltd. (A)	5,459	9,808
Lotte Shopping Company, Ltd.	1,153	118,191
LS Corp.	1,793	112,581
LX Holdings Corp. (A)	2,952	29,490
Meritz Financial Group, Inc.	4,707	88,709
Meritz Fire & Marine Insurance Company, Ltd.	7,460	135,271
Meritz Securities Company, Ltd.	35,902	151,017
Mirae Asset Life Insurance Company, Ltd.	12,332	46,849
Mirae Asset Securities Company, Ltd.	33,985	284,605
MK Electron Company, Ltd.	2,304	33,205
Muhak Company, Ltd.	2,080	16,895
Namyang Dairy Products Company, Ltd.	58	38,987
Nexen Corp.	3,733	18,299
Nexen Tire Corp.	6,465	60,804
NH Investment & Securities Company, Ltd.	12,340	141,339
NHN Corp. (A)	941	69,675
Nong Shim Holdings Company, Ltd.	402	28,978
NongShim Company, Ltd.	255	70,972
NS Shopping Company, Ltd.	1,078	13,384
OCI Company, Ltd. (A)	1,606	167,095
Orion Holdings Corp.	2,756	41,710
Paik Kwang Industrial Company, Ltd.	8,300	49,206
Pan Ocean Company, Ltd.	26,446	200,522
Paradise Company, Ltd. (A)	2,760	44,348
Poongsan Corp.	2,423	82,060
Poongsan Holdings Corp.	1,129	28,377
POSCO	5,983	1,849,044

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Posco International Corp.	5,969	\$ 123,487
Rayence Company, Ltd.	1,351	16,787
Sam Young Electronics Company, Ltd.	938	11,690
Samho Development Company, Ltd.	4,213	24,354
Sammok S-Form Company, Ltd. (A)	1,315	18,968
SAMPYO Cement Company, Ltd.	4,134	22,317
Samsung C&T Corp.	4,883	591,371
Samsung Card Company, Ltd.	3,308	100,793
Samsung Electronics Company, Ltd.	31,700	2,269,281
Samsung Fire & Marine Insurance Company, Ltd.	3,605	706,080
Samsung Heavy Industries Company, Ltd. (A)	37,701	224,440
Samsung Life Insurance Company, Ltd.	5,063	359,254
Samsung Securities Company, Ltd.	4,810	191,896
SAMT Company, Ltd.	11,604	43,882
Samyang Corp.	258	14,472
Samyang Holdings Corp.	535	52,434
Sangsangin Company, Ltd. (A)	7,001	48,728
Sebang Company, Ltd.	1,153	15,152
Sebang Global Battery Company, Ltd.	921	79,257
Sejong Industrial Company, Ltd.	1,547	13,617
SGC eTec E&C Company, Ltd.	137	8,484
Shindaeyang Paper Company, Ltd.	267	21,144
Shinhan Financial Group Company, Ltd.	2,494	90,045
Shinhan Financial Group Company, Ltd., ADR	44,055	1,579,372
Shinsegae Engineering & Construction Company, Ltd.	621	25,261
Shinsegae Food Company, Ltd.	268	24,161
Shinsegae, Inc.	886	224,514
Shinwha Intertek Corp.	4,441	15,527
Shinyoung Securities Company, Ltd.	580	33,567
SK Discovery Company, Ltd.	1,496	70,282
SK Gas, Ltd.	496	54,011
SK Hynix, Inc.	11,934	1,346,974
SK Innovation Company, Ltd. (A)	2,416	633,496
SK Networks Company, Ltd.	21,423	114,363
SK Securities Company, Ltd.	27,076	24,646
SK, Inc.	2,806	703,314
SL Corp.	1,618	51,234
SNT Holdings Company, Ltd.	1,460	28,575
SNT Motiv Company, Ltd.	1,396	87,948
Solus Advanced Materials Company, Ltd.	1,022	46,751
Sungshin Cement Company, Ltd.	3,637	39,421
Sungwoo Hitech Company, Ltd.	2,984	19,401
Sunjin Company, Ltd.	2,276	35,750
Taekwang Industrial Company, Ltd.	48	49,676
Taeyoung Engineering & Construction Company, Ltd.	2,234	24,809
Tongyang Life Insurance Company, Ltd.	7,644	38,085
Tovis Company, Ltd. (A)	1,305	9,820
TS Corp.	12,730	39,984
TY Holdings Company, Ltd. (A)	2,153	55,845
Unid Company, Ltd.	746	51,375
Wonik Holdings Company, Ltd. (A)	5,948	35,671
Woori Financial Group, Inc.	55,792	568,010
Young Poong Corp.	51	29,307
Youngone Corp.	3,192	125,911
Youngone Holdings Company, Ltd.	920	39,471
Yuanta Securities Korea Company, Ltd.	11,703	50,107
Zeus Company, Ltd.	1,798	37,907
		39,423,138
<b>Taiwan - 17.2%</b>		
AcBel Polytech, Inc.	12,000	11,192

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Acer, Inc. (C)	256,452	\$ 269,525
ACES Electronic Company, Ltd.	18,000	33,456
Advanced International Multitech Company, Ltd. (A)	13,000	39,143
Advantec Enterprise Company, Ltd.	35,186	23,981
AGV Products Corp. (A)	87,716	36,677
Alpha Networks, Inc.	31,773	32,515
Altek Corp.	16,000	21,272
AmTRAN Technology Company, Ltd. (A)	53,000	33,069
Apacer Technology, Inc. (A)	11,000	19,981
APCB, Inc.	37,000	26,951
Apex International Company, Ltd.	7,000	15,195
Ardentec Corp.	45,000	72,940
ASE Technology Holding Company, Ltd.	214,000	858,619
Asia Cement Corp.	265,805	483,641
Asia Polymer Corp.	49,615	62,369
Asia Tech Image, Inc.	12,000	25,867
Asia Vital Components Company, Ltd.	38,328	110,911
Asustek Computer, Inc. (A)	68,000	906,713
Audix Corp.	21,000	41,898
AVY Precision Technology, Inc.	24,990	26,461
BES Engineering Corp.	212,700	68,264
Capital Securities Corp.	229,403	139,533
Career Technology MFG. Company, Ltd.	61,200	68,512
Catcher Technology Company, Ltd.	96,000	627,034
Cathay Financial Holding Company, Ltd. (A)	751,423	1,452,833
Cathay Real Estate Development Company, Ltd.	46,400	32,959
Central Reinsurance Company, Ltd. (A)	31,500	33,048
Chang Hwa Commercial Bank, Ltd. (C)	438,929	254,386
Channel Well Technology Company, Ltd.	16,000	32,324
CHC Healthcare Group	21,000	27,889
Chen Full International Company, Ltd.	15,000	22,865
Cheng Loong Corp.	68,320	118,942
Cheng Uei Precision Industry Company, Ltd.	56,629	85,839
Chilisin Electronics Corp.	24,000	87,740
China Airlines, Ltd. (A)	264,910	181,217
China Bills Finance Corp.	95,000	55,237
China Chemical & Pharmaceutical Company, Ltd.	34,000	29,778
China Development Financial Holding Corp.	989,208	466,513
China General Plastics Corp.	35,700	48,541
China Life Insurance Company, Ltd.	55,682	52,637
China Man-Made Fiber Corp.	171,552	68,295
China Metal Products Company, Ltd.	42,513	51,958
China Motor Corp. (A)	30,250	83,378
China Petrochemical Development Corp.	275,677	138,003
China Steel Corp.	836,180	1,187,504
Chin-Poon Industrial Company, Ltd.	43,571	50,928
Chipbond Technology Corp.	80,000	207,043
ChipMOS Technologies, Inc. (A)	66,938	114,303
Chong Hong Construction Company, Ltd.	10,000	28,393
Chun Yuan Steel Industry Company, Ltd.	50,874	62,332
Chung Hung Steel Corp. (A)	38,625	84,801
Chung-Hsin Electric & Machinery Manufacturing Corp.	46,500	84,751
CMC Magnetics Corp.	152,470	55,507
Compal Electronics, Inc.	523,000	419,483
Compeq Manufacturing Company, Ltd.	111,000	167,329
Continental Holdings Corp.	49,050	48,053
Coretronic Corp.	53,000	116,607
CTBC Financial Holding Company, Ltd.	2,092,348	1,703,870

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
CTCI Corp.	8,000	\$ 11,250
DA CIN Construction Company, Ltd.	20,000	24,871
Darfon Electronics Corp.	16,000	26,352
Darwin Precisions Corp. (A)	37,000	17,916
Delpha Construction Company, Ltd.	3,826	1,881
Depo Auto Parts Industrial Company, Ltd.	21,000	44,229
D-Link Corp.	16,000	10,928
Dynamic Electronics Company, Ltd. (A)	66,584	54,816
Dynapack International Technology Corp. (A)	10,000	40,000
E Ink Holdings, Inc.	76,000	203,538
E.Sun Financial Holding Company, Ltd.	76,660	72,361
Edom Technology Company, Ltd.	34,000	41,594
Elite Semiconductor Microelectronics Technology, Inc.	35,000	204,409
Elitegroup Computer Systems Company, Ltd.	42,104	33,210
Ennostar, Inc. (A)	9,656	27,177
EnTie Commercial Bank Company, Ltd.	58,000	32,770
Eson Precision Ind Company, Ltd.	12,000	29,866
Eternal Materials Company, Ltd.	12,000	17,438
Eva Airways Corp.	287,725	208,194
Everest Textile Company, Ltd. (A)	52,085	19,651
Evergreen International Storage & Transport Corp.	85,600	152,247
Evergreen Marine Corp. Taiwan, Ltd. (A)	250,655	1,770,491
Everlight Chemical Industrial Corp.	49,250	34,918
Everlight Electronics Company, Ltd.	59,000	111,526
Excelsior Medical Company, Ltd.	16,573	34,625
Far Eastern Department Stores, Ltd.	148,720	121,508
Far Eastern International Bank	318,553	121,167
Far Eastern New Century Corp.	408,249	468,794
Farglory Land Development Company, Ltd.	28,530	54,503
Federal Corp. (C)	13,000	13,108
First Financial Holding Company, Ltd.	894,984	728,937
First Steamship Company, Ltd.	84,809	78,892
Formosa Advanced Technologies Company, Ltd.	25,000	35,923
Formosa Chemicals & Fibre Corp. (A)	184,000	559,296
Formosa Laboratories, Inc. (A)	19,543	56,108
Formosa Plastics Corp.	30,000	110,862
Formosa Taffeta Company, Ltd.	67,000	78,393
Formosan Rubber Group, Inc.	33,020	29,383
Formosan Union Chemical	48,812	36,617
Foxconn Technology Company, Ltd.	74,626	175,767
Froch Enterprise Company, Ltd.	33,060	44,348
Fubon Financial Holding Company, Ltd.	711,417	1,886,018
Fulgent Sun International Holding Company, Ltd.	3,000	12,166
Fulltech Fiber Glass Corp. (A)	45,000	30,875
G Shank Enterprise Company, Ltd.	27,535	42,877
Gemtek Technology Corp. (A)	32,000	37,867
General Interface Solution Holding, Ltd.	29,000	128,494
Giantplus Technology Company, Ltd.	31,000	14,846
Ginko International Company, Ltd.	4,000	38,221
Global Brands Manufacture, Ltd.	40,806	50,837
Globe Union Industrial Corp.	51,750	32,148
Gloria Material Technology Corp.	65,684	64,837
Gold Circuit Electronics, Ltd. (A)	44,000	105,554
Goldsun Building Materials Company, Ltd.	123,540	112,367
Grand Ocean Retail Group, Ltd.	13,000	11,314
Grand Pacific Petrochemical	77,000	82,819
Great China Metal Industry	33,000	34,706
Great Wall Enterprise Company, Ltd.	40,754	87,894

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Hannstar Board Corp.	39,750	\$ 67,909
HannStar Display Corp. (C)	320,842	254,397
HannsTouch Solution, Inc.	64,000	27,782
Hey Song Corp.	40,000	51,106
Ho Tung Chemical Corp. (A)	150,399	66,144
Hon Hai Precision Industry Company, Ltd.	792,448	3,181,684
Hong Pu Real Estate Development Company, Ltd.	27,000	20,979
Hsing TA Cement Company, Ltd.	38,000	35,455
Hua Nan Financial Holdings Company, Ltd.	594,288	393,416
Hung Sheng Construction, Ltd.	42,240	29,482
IBF Financial Holdings Company, Ltd.	317,740	188,085
Ichia Technologies, Inc.	25,000	17,270
Innolux Corp. (A)(C)	657,561	489,164
Integrated Service Technology, Inc.	9,000	16,855
International CSRC Investment Holdings Company	102,383	98,646
Inventec Corp.	267,000	251,521
Jarlllytec Company, Ltd.	9,000	24,520
Jess-Link Products Company, Ltd.	13,000	17,346
Kaimei Electronic Corp.	13,300	58,625
Kenda Rubber Industrial Company, Ltd.	39,520	57,424
King Yuan Electronics Company, Ltd.	168,796	271,850
King's Town Bank Company, Ltd.	113,000	161,607
King's Town Construction Company, Ltd. (A)	7,300	9,289
Kinpo Electronics, Inc.	183,269	85,110
Kinsus Interconnect Technology Corp.	22,000	106,468
Kuo Toong International Company, Ltd.	18,248	16,023
L&K Engineering Company, Ltd.	17,000	17,894
Lealea Enterprise Company, Ltd. (A)	90,124	44,183
Lida Holdings, Ltd.	4,640	5,067
Lien Hwa Industrial Holdings Corp.	7,000	12,561
Lingsen Precision Industries, Ltd. (A)	73,481	51,406
Lite-On Technology Corp.	164,000	338,803
Longchen Paper & Packaging Company, Ltd.	100,177	104,612
Macronix International Company, Ltd.	129,000	211,300
Mega Financial Holding Company, Ltd. (C)	745,472	878,879
Mercuries & Associates Holding, Ltd.	47,815	38,686
Mercuries Life Insurance Company, Ltd. (A)	53,094	17,789
Mitac Holdings Corp.	58,316	57,740
MPI Corp.	11,000	52,182
Nan Ya Plastics Corp.	79,000	235,675
Nanya Technology Corp.	148,000	422,958
Nishoku Technology, Inc.	7,800	35,851
O-Bank Company, Ltd.	52,538	13,349
OptoTech Corp.	39,439	36,155
Pacific Construction Company	38,289	14,363
Pan Jit International, Inc.	13,000	40,170
Pan-International Industrial Corp.	44,481	63,399
Pegatron Corp.	250,660	618,867
Pou Chen Corp.	201,348	283,851
President Securities Corp.	95,721	91,842
Prince Housing & Development Corp.	142,555	60,847
Prodisc Technology, Inc. (A)(D)	762,000	0
Qisda Corp.	210,280	232,387
Quanta Storage, Inc.	23,000	32,979
Radium Life Tech Company, Ltd.	102,621	40,313
Rechi Precision Company, Ltd.	20,000	14,933
Ritek Corp. (A)	57,799	19,176
Ruentex Development Company, Ltd.	70,343	142,789



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Ruentex Industries, Ltd.	33,000	\$ 104,063
Sampo Corp. (A)	43,470	46,977
San Far Property, Ltd.	27,585	14,546
Sanyang Motor Company, Ltd.	48,000	52,064
Sesoda Corp.	42,912	62,018
Shan-Loong Transportation Company, Ltd. (A)	23,000	31,941
Sheng Yu Steel Company, Ltd.	22,000	38,323
ShenMao Technology, Inc.	8,000	14,463
Shihlin Electric & Engineering Corp.	21,000	40,021
Shin Kong Financial Holding Company, Ltd.	893,997	305,596
Shining Building Business Company, Ltd. (A)	55,118	23,587
Shinkong Insurance Company, Ltd.	34,000	48,986
Shinkong Synthetic Fibers Corp.	132,239	107,954
Sigurd Microelectronics Corp.	47,773	95,961
Sincere Navigation Corp.	24,000	46,387
Sinher Technology, Inc.	8,000	14,516
Sinon Corp.	71,650	57,843
SinoPac Financial Holdings Company, Ltd. (A)	1,133,931	559,348
Sirtec International Company, Ltd.	23,800	25,931
Siward Crystal Technology Company, Ltd.	20,000	24,627
Sunplus Technology Company, Ltd.	58,000	66,027
Sunrex Technology Corp.	11,678	22,284
Supreme Electronics Company, Ltd.	13,268	19,165
Sweeten Real Estate Development Company, Ltd.	25,547	22,943
Syncmold Enterprise Corp.	6,000	17,957
Synnex Technology International Corp.	134,000	244,735
TA Chen Stainless Pipe	85,894	183,232
Ta Ya Electric Wire & Cable	54,893	60,000
Taichung Commercial Bank Company, Ltd.	443,266	184,543
Taiflex Scientific Company, Ltd.	24,100	46,261
Tainan Spinning Company, Ltd.	135,638	143,992
Taishin Financial Holding Company, Ltd.	931,233	509,588
Taita Chemical Company, Ltd.	24,086	37,738
Taiwan Business Bank	493,028	167,237
Taiwan Cement Corp.	632,318	1,157,352
Taiwan Chinsan Electronic Industrial Company, Ltd. (A)	14,420	26,138
Taiwan Cooperative Financial Holding Company, Ltd.	813,725	620,618
Taiwan Fertilizer Company, Ltd.	65,000	137,382
Taiwan Fire & Marine Insurance Company, Ltd.	41,000	29,790
Taiwan FU Hsing Industrial Company, Ltd. (A)	21,000	34,561
Taiwan Glass Industry Corp.	112,319	150,652
Taiwan Hon Chuan Enterprise Company, Ltd.	40,000	110,299
Taiwan Kolin Company, Ltd. (A)(D)	327,000	0
Taiwan PCB Techvest Company, Ltd.	36,000	60,721
Taiwan Semiconductor Company, Ltd.	14,000	33,780
Taiwan Styrene Monomer	38,000	29,454
Taiwan Surface Mounting Technology Corp.	26,225	113,801
Taiyen Biotech Company, Ltd.	26,137	30,586
Tatung Company, Ltd. (A)	116,000	102,730
Teco Electric & Machinery Company, Ltd.	132,000	157,192
The Ambassador Hotel (A)	29,000	29,155
Thye Ming Industrial Company, Ltd.	31,000	42,549
Ton Yi Industrial Corp.	119,000	67,055
Tong Yang Industry Company, Ltd.	40,627	52,619

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Tong-Tai Machine & Tool Company, Ltd.	26,588	\$ 17,377
TOPBI International Holdings, Ltd.	8,077	4,760
Topoint Technology Company, Ltd.	29,190	41,778
TPK Holding Company, Ltd.	41,000	68,538
Tsann Kuen Enterprise Company, Ltd.	7,000	8,380
TSRC Corp.	28,000	36,099
Tung Ho Steel Enterprise Corp.	109,000	205,347
TXC Corp.	41,000	185,282
TYC Brother Industrial Company, Ltd.	15,511	12,216
Tycoons Group Enterprise (A)	30,371	29,013
Tyntek Corp.	36,000	32,617
U-Ming Marine Transport Corp. (A)	67,000	213,934
Unimicron Technology Corp.	146,000	675,271
Union Bank of Taiwan	246,021	103,327
Unitech Printed Circuit Board Corp.	74,194	58,700
United Microelectronics Corp.	1,098,794	2,083,646
Universal Cement Corp.	27,483	23,041
Unizyx Holding Corp. (A)	34,000	35,780
UPC Technology Corp.	117,751	114,990
USI Corp.	123,996	165,205
Wah Lee Industrial Corp.	26,000	76,800
Walsin Lihwa Corp. (A)	268,000	281,385
Walton Advanced Engineering, Inc. (A)	72,584	48,665
Wan Hai Lines, Ltd.	40,050	460,874
Weikeng Industrial Company, Ltd.	25,000	21,352
Well Shin Technology Company, Ltd.	15,000	27,608
Winbond Electronics Corp.	386,793	482,886
Wintek Corp. (A)(D)	543,000	0
Wisdom Marine Lines Company, Ltd.	36,343	143,808
Wistron Corp.	393,291	437,334
Wistron NeWeb Corp.	13,000	35,450
WPG Holdings, Ltd.	203,400	373,104
WT Microelectronics Company, Ltd.	50,174	96,671
Xxentria Technology Materials Corp.	8,000	20,996
YC INOX Company, Ltd.	40,104	61,818
Yea Shin International Development Company, Ltd. (A)	20,906	16,838
Yem Chio Company, Ltd.	40,324	27,432
Yeong Guan Energy Technology Group Company, Ltd.	13,553	35,374
YFY, Inc.	168,202	276,004
Yi Jinn Industrial Company, Ltd.	51,613	36,304
Yieh Phui Enterprise Company, Ltd. (A)	150,899	179,869
Youngtek Electronics Corp.	17,000	53,090
Yuanta Financial Holding Company, Ltd.	1,154,371	1,111,545
Yuen Chang Stainless Steel Company, Ltd. (A)	19,007	25,359
Yulon Motor Company, Ltd. (A)	79,470	121,507
Yungtay Engineering Company, Ltd.	5,000	11,049
Zeng Hsing Industrial Company, Ltd. (A)	4,000	23,912
Zenitron Corp.	45,000	47,878
Zhen Ding Technology Holding, Ltd.	44,000	165,806
Zig Sheng Industrial Company, Ltd. (A)	38,908	33,364
		45,930,543
<b>Thailand - 1.9%</b>		
AAPICO Hitech PCL	35,352	24,841
AP Thailand PCL	223,670	58,329
Bangchak Corp. PCL	91,600	70,667
Bangkok Airways PCL (A)	116,100	38,446
Bangkok Bank PCL	12,800	45,170
Bangkok Bank PCL, NVDR	14,500	51,203
Bangkok Insurance PCL	4,550	39,894
Bangkok Land PCL	1,059,200	36,364
Bangkok Life Assurance PCL, NVDR	55,200	50,460
Bangkok Ranch PCL (A)	92,300	9,623

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Thailand (continued)</b>		
Banpu PCL	401,300	\$ 195,591
Berli Jucker PCL	111,800	121,391
Charoen Pokphand Foods PCL	377,100	312,062
GFPT PCL	43,900	15,760
Global Green Chemicals PCL	67,700	22,612
Indorama Ventures PCL	82,600	105,215
IRPC PCL	943,100	113,257
Italian-Thai Development PCL (A)	477,400	35,485
Kasikornbank PCL, NVDR	101,600	374,996
Khon Kaen Sugar Industry PCL (A)	192,600	22,355
Kiatnakin Phatra Bank PCL	19,400	33,777
Krung Thai Bank PCL	265,400	88,754
LH Financial Group PCL	709,300	25,025
LPN Development PCL	52,900	8,504
MBK PCL (A)	46,800	19,583
Millcon Steel PCL	152,625	6,147
Polyplex Thailand PCL	14,000	11,367
Pruksa Holding PCL	78,800	33,937
PTT Exploration & Production PCL	127,800	467,633
PTT Global Chemical PCL	133,900	246,919
PTT PCL	938,700	1,151,940
Quality Houses PCL	746,900	53,141
Rojana Industrial Park PCL	113,100	24,547
Saha-Union PCL	16,100	18,592
Sansiri PCL	1,026,866	42,710
SC Asset Corp. PCL	476,596	46,156
Siam Future Development PCL	167,749	57,645
Somboon Advance Technology PCL	51,300	35,396
SPCG PCL	58,900	34,557
Srithai Superware PCL (A)	283,000	12,284
STP & I PCL (A)	21,600	3,373
Supalai PCL	151,900	97,667
Super Energy Corp. PCL	743,000	21,577
Syntec Construction PCL	156,500	10,168
Thai Oil PCL	85,600	145,979
Thai Stanley Electric PCL	700	4,062
Thai Union Group PCL	35,600	22,002
Thaicom PCL	79,400	29,751
Thanachart Capital PCL	37,300	40,206
The Siam Commercial Bank PCL	74,400	227,893
Thitikorn PCL	100	30
TMBThanachart Bank PCL	1,334,352	46,720
TPI Polene PCL	559,900	31,286
TPI Polene Power PCL	283,200	39,068
True Corp. PCL	1,139,000	113,123
Univentures PCL	51,700	6,439
Vinythai PCL	9,700	11,349
		5,013,028
<b>Turkey - 0.5%</b>		
Akbank TAS	287,261	174,249
Anadolu Efes Biracilik Ve Malt Sanayii AS	14,921	38,147
Arcelik AS	7,251	24,796
Dogan Sirketler Grubu Holding AS	52,374	17,090
Eczacibasi Yatirim Holding Ortakligi AS	1	2
EIS Eczacibasi Ilac ve Sinai ve Finansal Yatirimlar Sanayi ve Ticaret AS	30,810	20,778
Enka Insaat ve Sanayi AS	70,950	76,270
Eregli Demir ve Celik Fabrikalari TAS	66,873	138,370
Goldas Kuyumculuk Sanayi Ithalat Ve Bagli Ortakliklari (A)(D)	54,846	595
Gozde Girişim Sermayesi Yatirim Ortakligi AS (A)	28,775	17,866
GSD Holding AS (A)	78,125	16,265
KOC Holding AS	34,979	73,658

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Turkey (continued)</b>		
Koza Anadolu Metal Madencilik Isletmeleri AS (A)	15,600	\$ 25,524
NET Holding AS (A)	40,130	19,019
Sekerbank Turk AS (A)	178,589	21,789
Tekfen Holding AS	11,038	18,579
Turk Hava Yollari AO (A)	80,925	124,415
Turkiye Garanti Bankasi AS	227,810	217,514
Turkiye Halk Bankasi AS (A)	56,201	32,588
Turkiye Is Bankasi AS, Class C	131,554	77,103
Turkiye Sinai Kalkinma Bankasi AS	141,027	20,749
Turkiye Sise ve Cam Fabrikalari AS	135,139	118,602
Turkiye Vakiflar Bankasi TAO, Class D (A)	91,535	36,811
Uzel Makina Sanayii AS (A)(D)	22,930	0
Vestel Elektronik Sanayi ve Ticaret AS (A)	6,172	21,478
Yapi ve Kredi Bankasi AS	254,969	63,253
		1,395,510
<b>Ukraine - 0.0%</b>		
Kernel Holding SA	7,742	111,168
<b>United Arab Emirates - 0.6%</b>		
Abu Dhabi Commercial Bank PJSC	222,448	416,354
Aldar Properties PJSC	344,351	358,252
DAMAC Properties Dubai Company PJSC (A)	179,521	62,619
Dana Gas PJSC	87,037	19,808
Deyaar Development PJSC (A)	246,958	20,123
Dubai Investments PJSC	195,034	90,356
Emaar Development PJSC (A)	74,937	75,876
Emaar Properties PJSC	266,138	302,277
Emirates NBD Bank PJSC	27,909	100,680
Eshraq Investments PJSC (A)	223,571	21,901
RAK Properties PJSC (A)	77,735	13,437
Ras Al Khaimah Ceramics	24,868	15,044
		1,496,727
<b>United States - 0.1%</b>		
Nexteer Automotive Group, Ltd.	95,000	132,018
<b>TOTAL COMMON STOCKS (Cost \$221,704,938)</b>		<b>\$ 258,326,664</b>
<b>PREFERRED SECURITIES - 1.8%</b>		
<b>Brazil - 1.8%</b>		
Banco ABC Brasil SA	9,841	31,420
Banco Bradesco SA	142,969	739,595
Banco do Estado do Rio Grande do Sul SA, B Shares	22,600	60,251
Cia Ferro Ligas da Bahia	5,956	53,096
Eucatex SA Industria e Comercio	4,200	8,360
Gerdau SA	91,576	545,170
Marcopolo SA	55,200	37,623
Petroleo Brasileiro SA	510,144	3,018,525
Usinas Siderurgicas de Minas Gerais SA, A Shares	40,910	157,099
		4,651,139
<b>Colombia - 0.0%</b>		
Grupo Argos SA	23,975	51,234
Grupo de Inversiones Suramericana SA	11,343	49,930
		101,164
<b>Philippines - 0.0%</b>		
Cebu Air, Inc., 6.000%	15,189	16,487
<b>TOTAL PREFERRED SECURITIES (Cost \$4,446,829)</b>		<b>\$ 4,768,790</b>
<b>WARRANTS - 0.0%</b>		
MBK PCL (Expiration Date: 5-16-24; Strike Price: THB 3.00) (A)	1,872	602

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>WARRANTS (continued)</b>		
Millcon Steel PCL (Expiration Date: 5-23-24; Strike Price: THB 1.50) (A)	28,617	\$ 384
<b>TOTAL WARRANTS (Cost \$0)</b>		<b>\$ 986</b>
<b>SHORT-TERM INVESTMENTS - 1.0%</b>		
<b>Short-term funds - 1.0%</b>		
John Hancock Collateral Trust, 0.0324% (E)(F)	254,590	2,547,070
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$2,547,135)</b>		<b>\$ 2,547,070</b>
<b>Total Investments (Emerging Markets Value Trust) (Cost \$228,698,902) - 99.3%</b>		<b>\$ 265,643,510</b>
<b>Other assets and liabilities, net - 0.7%</b>		<b>1,948,379</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 267,591,889</b>

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Mini MSCI Emerging Markets Index Futures	30	Long	Sep 2021	\$2,056,668	\$2,047,200	\$(9,468)
						<b>\$(9,468)</b>

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

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

## Equity Income Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.4%</b>		
<b>Communication services – 5.0%</b>		
<b>Diversified telecommunication services – 0.5%</b>		
AT&T, Inc.	159,530	\$ 4,591,273
Verizon Communications, Inc.	65,433	3,666,211
		8,257,484
<b>Entertainment – 0.9%</b>		
The Walt Disney Company (A)	81,896	14,394,860
<b>Media – 3.6%</b>		
Comcast Corp., Class A	502,481	28,651,467
Fox Corp., Class B	325,759	11,466,717
News Corp., Class A	801,465	20,653,753
		60,771,937
		83,424,281
<b>Consumer discretionary – 4.4%</b>		
<b>Automobiles – 1.3%</b>		
General Motors Company (A)	44,700	2,644,899
Volkswagen AG, ADR	775,705	19,423,653
		22,068,552
<b>Hotels, restaurants and leisure – 1.1%</b>		
Las Vegas Sands Corp. (A)	278,470	14,672,584
McDonald's Corp.	12,976	2,997,326
		17,669,910
<b>Leisure products – 0.6%</b>		
Mattel, Inc. (A)	530,506	10,663,171
<b>Multiline retail – 0.8%</b>		
Kohl's Corp.	227,593	12,542,650

## Emerging Markets Value Trust (continued)

### Currency Abbreviations

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) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.

(C) All or a portion of this security is on loan as of 6-30-21.

(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) The rate shown is the annualized seven-day yield as of 6-30-21.

(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.

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail – 0.6%</b>		
The TJX Companies, Inc.	139,553	\$ 9,408,663
		72,352,946
<b>Consumer staples – 6.9%</b>		
<b>Beverages – 0.6%</b>		
The Coca-Cola Company	167,337	9,054,605
<b>Food and staples retailing – 0.4%</b>		
Walmart, Inc.	49,971	7,046,910
<b>Food products – 3.1%</b>		
Bunge, Ltd.	41,154	3,216,185
Conagra Brands, Inc.	537,475	19,553,341
Mondelez International, Inc., Class A	16,165	1,009,343
Tyson Foods, Inc., Class A	375,229	27,676,891
		51,455,760
<b>Household products – 1.2%</b>		
Kimberly-Clark Corp.	149,778	20,037,301
<b>Tobacco – 1.6%</b>		
Altria Group, Inc.	126,306	6,022,270
Philip Morris International, Inc.	213,526	21,162,562
		27,184,832
		114,779,408
<b>Energy – 6.2%</b>		
<b>Energy equipment and services – 0.4%</b>		
Halliburton Company	301,839	6,978,518
<b>Oil, gas and consumable fuels – 5.8%</b>		
Chevron Corp.	34,545	3,618,243
ConocoPhillips	27,981	1,704,043

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
EOG Resources, Inc.	225,006	\$ 18,774,501
Exxon Mobil Corp.	238,889	15,069,118
Hess Corp.	26,634	2,325,681
Occidental Petroleum Corp.	114,542	3,581,728
Targa Resources Corp.	110,240	4,900,168
TC Energy Corp.	258,059	12,779,082
TotalEnergies SE	630,852	28,578,724
TotalEnergies SE, ADR	108,235	4,898,716
		96,230,004
		103,208,522
<b>Financials – 22.7%</b>		
<b>Banks – 8.7%</b>		
Bank of America Corp.	161,071	6,640,957
Citizens Financial Group, Inc.	159,000	7,293,330
Fifth Third Bancorp	678,393	25,934,964
Huntington Bancshares, Inc.	894,000	12,757,380
JPMorgan Chase & Co.	95,738	14,891,089
The PNC Financial Services Group, Inc.	77,176	14,722,094
Wells Fargo & Company	1,389,893	62,948,256
		145,188,070
<b>Capital markets – 4.8%</b>		
Franklin Resources, Inc.	140,905	4,507,551
Morgan Stanley	272,143	24,952,792
Raymond James Financial, Inc.	75,213	9,770,169
State Street Corp.	108,940	8,963,583
The Bank of New York Mellon Corp.	172,200	8,821,806
The Charles Schwab Corp.	117,845	8,580,294
The Goldman Sachs Group, Inc.	36,883	13,998,205
		79,594,400
<b>Diversified financial services – 1.1%</b>		
Equitable Holdings, Inc.	607,788	18,507,145
<b>Insurance – 8.1%</b>		
American International Group, Inc.	730,856	34,788,746
Chubb, Ltd.	186,629	29,662,813
Loews Corp.	475,451	25,983,397
Marsh & McLennan Companies, Inc.	31,007	4,362,065
MetLife, Inc.	573,815	34,342,828
The Hartford Financial Services Group, Inc.	74,100	4,591,977
		133,731,826
		377,021,441
<b>Health care – 14.4%</b>		
<b>Biotechnology – 2.3%</b>		
AbbVie, Inc.	240,467	27,086,203
Biogen, Inc. (A)	16,707	5,785,133
Gilead Sciences, Inc.	87,784	6,044,806
		38,916,142
<b>Health care equipment and supplies – 3.5%</b>		
Becton, Dickinson and Company	101,092	24,584,563
Medtronic PLC	205,258	25,478,676
Zimmer Biomet Holdings, Inc.	52,484	8,440,477
		58,503,716
<b>Health care providers and services – 4.8%</b>		
Anthem, Inc.	85,730	32,731,714
Cardinal Health, Inc.	92,800	5,297,952
Centene Corp. (A)	62,000	4,521,660
Cigna Corp.	36,654	8,689,564
CVS Health Corp.	254,678	21,250,332
UnitedHealth Group, Inc.	16,600	6,647,304
		79,138,526

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals – 3.8%</b>		
AstraZeneca PLC, ADR (B)	67,600	\$ 4,049,240
GlaxoSmithKline PLC	145,995	2,870,128
Johnson & Johnson	122,761	20,223,647
Merck & Company, Inc.	101,294	7,877,634
Organon & Company (A)	7,189	217,539
Pfizer, Inc.	376,479	14,742,918
Sanofi	95,952	10,080,964
Sanofi, ADR	45,900	2,417,094
		62,479,164
		239,037,548
<b>Industrials – 11.9%</b>		
<b>Aerospace and defense – 2.7%</b>		
Airbus SE (A)	7,073	911,376
L3Harris Technologies, Inc.	119,161	25,756,650
The Boeing Company (A)	78,858	18,891,222
		45,559,248
<b>Air freight and logistics – 2.6%</b>		
United Parcel Service, Inc., Class B	205,139	42,662,758
<b>Airlines – 0.3%</b>		
Alaska Air Group, Inc. (A)	34,224	2,064,049
Southwest Airlines Company (A)	67,300	3,572,957
		5,637,006
<b>Commercial services and supplies – 0.7%</b>		
Stericycle, Inc. (A)	157,564	11,273,704
<b>Industrial conglomerates – 3.4%</b>		
3M Company	18,400	3,654,792
General Electric Company	3,590,595	48,329,409
Siemens AG, ADR	52,250	4,161,138
		56,145,339
<b>Machinery – 1.4%</b>		
Caterpillar, Inc.	18,701	4,069,899
Cummins, Inc.	7,000	1,706,670
Flowserve Corp.	39,087	1,575,988
PACCAR, Inc.	64,335	5,741,899
Snap-on, Inc.	45,943	10,265,044
		23,359,500
<b>Professional services – 0.8%</b>		
Nielsen Holdings PLC	503,835	12,429,609
		197,067,164
<b>Information technology – 8.9%</b>		
<b>Communications equipment – 0.9%</b>		
Cisco Systems, Inc.	291,060	15,426,180
<b>Electronic equipment, instruments and components – 0.3%</b>		
TE Connectivity, Ltd.	37,153	5,023,457
<b>Semiconductors and semiconductor equipment – 5.4%</b>		
Applied Materials, Inc.	151,740	21,607,776
NXP Semiconductors NV	34,624	7,122,849
QUALCOMM, Inc.	291,103	41,607,352
Texas Instruments, Inc.	95,691	18,401,379
		88,739,356
<b>Software – 2.3%</b>		
Citrix Systems, Inc.	122,485	14,363,816
Microsoft Corp.	87,553	23,718,108
		38,081,924
		147,270,917
<b>Materials – 5.8%</b>		
<b>Chemicals – 3.9%</b>		
Akzo Nobel NV	46,344	5,738,351
CF Industries Holdings, Inc.	568,573	29,253,081
DuPont de Nemours, Inc.	128,159	9,920,788

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
International Flavors & Fragrances, Inc.	120,307	\$ 17,973,866
PPG Industries, Inc.	16,607	2,819,370
		65,705,456
<b>Containers and packaging – 1.9%</b>		
International Paper Company	502,988	30,838,194
		96,543,650
<b>Real estate – 4.1%</b>		
<b>Equity real estate investment trusts – 4.1%</b>		
CyrusOne, Inc.	20,300	1,451,856
Equity Residential	294,350	22,664,950
Rayonier, Inc.	365,134	13,119,265
Welltower, Inc.	64,224	5,337,014
Weyerhaeuser Company	741,396	25,518,850
		68,091,935
<b>Utilities – 7.1%</b>		
<b>Electric utilities – 3.5%</b>		
Edison International	121,451	7,022,297
Entergy Corp.	42,300	4,217,310
NextEra Energy, Inc.	123,398	9,042,605
The Southern Company	635,241	38,438,433
		58,720,645
<b>Multi-utilities – 3.6%</b>		
Ameren Corp.	119,879	9,595,115
Dominion Energy, Inc.	69,800	5,135,186
NiSource, Inc.	835,395	20,467,178
Sempra Energy	184,037	24,381,222
		59,578,701
		118,299,346
<b>TOTAL COMMON STOCKS (Cost \$1,178,702,307)</b>		<b>\$ 1,617,097,158</b>
<b>PREFERRED SECURITIES – 1.5%</b>		
<b>Health care – 0.4%</b>		
<b>Health care equipment and supplies – 0.4%</b>		
Becton, Dickinson and Company, 6.000% (B)	115,427	6,176,499
<b>Utilities – 1.1%</b>		
<b>Electric utilities – 0.7%</b>		
NextEra Energy, Inc., 5.279%	98,770	4,835,779
The Southern Company, 6.750%	134,102	6,789,584
		11,625,363
<b>Multi-utilities – 0.4%</b>		
NiSource, Inc., 7.750%	47,031	4,834,316
Sempra Energy, 6.750%	24,765	2,446,039
		7,280,355
		18,905,718
<b>TOTAL PREFERRED SECURITIES (Cost \$24,559,464)</b>		<b>\$ 25,082,217</b>
<b>SHORT-TERM INVESTMENTS – 1.6%</b>		
<b>Short-term funds – 1.6%</b>		
John Hancock Collateral Trust, 0.0324% (C)(D)	662,848	6,631,528
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)	3,000,066	3,000,066
T. Rowe Price Government Reserve Fund, 0.0295% (C)	17,191,975	17,191,975
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$26,823,781)</b>		<b>\$ 26,823,569</b>
<b>Total Investments (Equity Income Trust) (Cost \$1,230,085,552) – 100.5%</b>		<b>\$ 1,669,002,944</b>
<b>Other assets and liabilities, net – (0.5%)</b>		<b>(8,183,938)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 1,660,819,006</b>

## Equity Income Trust (continued)

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-21.
(C)	The rate shown is the annualized seven-day yield as of 6-30-21.
(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.

## Financial Industries Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.4%</b>		
<b>Financials – 89.5%</b>		
<b>Banks – 45.4%</b>		
Ist Source Corp.	21,775	\$ 1,011,667
American Business Bank (A)	21,093	890,125
American River Bankshares	16,945	306,705
Ameris Bancorp	35,317	1,788,100
Atlantic Capital Bancshares, Inc. (A)	2,036	51,837
Atlantic Union Bankshares Corp.	49,292	1,785,356
Bank of America Corp.	125,976	5,193,990
Bank of Commerce Holdings	13,743	206,420
Bank of Marin Bancorp	21,306	679,661
BayCom Corp. (A)	25,836	463,756
Berkshire Hills Bancorp, Inc.	4,465	122,386
Business First Bancshares, Inc.	28,816	661,327
CaixaBank SA	542,320	1,669,643
California BanCorp (A)	20,487	383,107
Cambridge Bancorp	14,192	1,177,794
Central Valley Community Bancorp	17,669	356,030
Citizens Community Bancorp, Inc.	18,655	255,200
Citizens Financial Group, Inc.	111,360	5,108,084
Close Brothers Group PLC	84,193	1,764,483
Coastal Financial Corp. (A)	24,368	695,950
Danske Bank A/S	92,918	1,636,371
Evans Bancorp, Inc.	14,977	555,647
Farmers & Merchants Bancorp, Inc.	3,423	74,690
First Horizon Corp.	144,107	2,490,169
First Merchants Corp.	38,163	1,590,252
German American Bancorp, Inc.	14,501	539,437
Glacier Bancorp, Inc.	20,632	1,136,411
HBT Financial, Inc.	33,362	580,832
Heritage Commerce Corp.	36,144	402,283
Heritage Financial Corp.	31,630	791,383
Huntington Bancshares, Inc.	143,746	2,051,255
JPMorgan Chase & Co.	30,804	4,791,254
Landmark Bancorp, Inc.	2,470	66,715
Level One Bancorp, Inc.	13,985	381,791
Limestone Bancorp, Inc. (A)	773	12,863
Live Oak Bancshares, Inc.	23,229	1,370,511
Mackinac Financial Corp.	19,181	379,017
Metrocity Bankshares, Inc.	13,817	241,936
Mid Penn Bancorp, Inc.	12,734	349,548
NBT Bancorp, Inc.	8,197	294,846
Nicolet Bankshares, Inc. (A)	15,579	1,095,827
Nordea Bank ABP	130,570	1,454,015
Pacific Premier Bancorp, Inc.	23,419	990,390
Pinnacle Financial Partners, Inc.	49,972	4,412,028
Popular, Inc.	15,818	1,187,141
Sandy Spring Bancorp, Inc.	9,272	409,173
Shore Bancshares, Inc.	6,872	115,106
Southern First Bancshares, Inc. (A)	11,023	563,937
Stock Yards Bancorp, Inc.	35,133	1,787,918
SVB Financial Group (A)	7,089	3,944,532
Synovus Financial Corp.	71,151	3,122,106
The First Bancshares, Inc.	16,258	608,537

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Financial Industries Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
TriCo Bancshares	50,411	\$ 2,146,500
U.S. Bancorp	67,156	3,825,877
Western Alliance Bancorp	48,282	4,482,984
Zions Bancorp NA	54,790	2,896,199
		<hr/> 77,351,102
<b>Capital markets – 15.6%</b>		
3i Group PLC	137,548	2,232,248
Ares Management Corp., Class A	61,684	3,922,486
BlackRock, Inc.	2,952	2,582,911
Brookfield Asset Management, Inc., Class A	80,153	4,086,200
KKR & Company, Inc.	69,358	4,108,768
Onex Corp.	37,065	2,691,369
The Blackstone Group, Inc.	42,964	4,173,523
TMX Group, Ltd.	9,477	1,001,064
Tradeweb Markets, Inc., Class A	21,290	1,800,282
		<hr/> 26,598,851
<b>Consumer finance – 7.5%</b>		
American Express Company	31,480	5,201,440
Capital One Financial Corp.	28,670	4,434,962
Discover Financial Services	27,206	3,218,198
		<hr/> 12,854,600
<b>Diversified financial services – 3.9%</b>		
Berkshire Hathaway, Inc., Class B (A)	7,017	1,950,165
Equitable Holdings, Inc.	103,746	3,159,066
Eurazeo SE	18,774	1,636,855
		<hr/> 6,746,086
<b>Insurance – 16.1%</b>		
American Financial Group, Inc.	228	28,436
American International Group, Inc.	12,574	598,522
Arthur J. Gallagher & Company	23,899	3,347,772
Brookfield Asset Management Reinsurance Partners, Ltd., Class A (A)	553	28,756
Brown & Brown, Inc.	48,581	2,581,594
Chubb, Ltd.	14,830	2,357,080
Kinsale Capital Group, Inc.	12,057	1,986,632
Markel Corp. (A)	2,150	2,551,427
Marsh & McLennan Companies, Inc.	16,700	2,349,356
The Hanover Insurance Group, Inc.	12,586	1,707,165
The Hartford Financial Services Group, Inc.	68,382	4,237,633
Trean Insurance Group, Inc. (A)	87,457	1,318,852
Unum Group	129,386	3,674,562
Willis Towers Watson PLC	2,956	679,939
		<hr/> 27,447,726
<b>Thriffs and mortgage finance – 1.0%</b>		
ESSA Bancorp, Inc.	5,584	91,522
OP Bancorp	34,853	350,621
Premier Financial Corp.	42,046	1,194,527
Timberland Bancorp, Inc.	262	7,367
		<hr/> 1,644,037
		<hr/> 152,642,402
<b>Information technology – 4.8%</b>		
<b>IT services – 4.8%</b>		
FleetCor Technologies, Inc. (A)	9,109	2,332,451
Visa, Inc., Class A	22,648	5,295,555
WEX, Inc. (A)	2,999	581,506
		<hr/> 8,209,512
<b>Real estate – 4.1%</b>		
<b>Equity real estate investment trusts – 3.5%</b>		
Lexington Realty Trust	69,498	830,501
Monmouth Real Estate Investment Corp.	43,968	823,081

## Financial Industries Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Nippon Prologis REIT, Inc.	106	\$ 337,092
Prologis, Inc.	19,566	2,338,724
Rexford Industrial Realty, Inc.	29,152	1,660,206
		<hr/> 5,989,604
<b>Real estate management and development – 0.6%</b>		
VGP NV	4,788	944,854
		<hr/> 6,934,458
<b>TOTAL COMMON STOCKS (Cost \$130,912,001)</b>		
		<hr/> <b>\$ 167,786,372</b>
<b>SHORT-TERM INVESTMENTS – 1.6%</b>		
<b>Repurchase agreement – 1.6%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$2,751,000 on 7-1-21, collateralized by \$2,804,300 U.S. Treasury Notes, 0.099% due 1-31-23 (valued at \$2,806,097)	\$ 2,751,000	2,751,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$2,751,000)</b>		
		<hr/> <b>\$ 2,751,000</b>
<b>Total Investments (Financial Industries Trust) (Cost \$133,663,001) – 100.0%</b>		
		<hr/> <b>\$ 170,537,372</b>
<b>Other assets and liabilities, net – 0.0%</b>		
		<hr/> <b>1,076</b>
<b>TOTAL NET ASSETS – 100.0%</b>		
		<hr/> <b>\$ 170,538,448</b>

### Security Abbreviations and Legend

(A) Non-income producing security.

## Fundamental All Cap Core Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.6%</b>		
<b>Communication services – 16.4%</b>		
<b>Entertainment – 3.0%</b>		
Liberty Media Corp.-Liberty Formula One, Series C (A)	1,405,169	\$ 67,743,197
Madison Square Garden Entertainment Corp. (A)	107,874	9,058,180
		<hr/> 76,801,377
<b>Interactive media and services – 12.7%</b>		
Alphabet, Inc., Class A (A)	60,841	148,560,945
CarGurus, Inc. (A)	1,460,541	38,309,990
Facebook, Inc., Class A (A)	383,760	133,437,190
		<hr/> 320,308,125
<b>Media – 0.7%</b>		
Liberty Broadband Corp., Series A (A)	97,107	16,330,484
		<hr/> 413,439,986
<b>Consumer discretionary – 19.2%</b>		
<b>Household durables – 5.5%</b>		
Lennar Corp., A Shares	1,151,295	114,381,158
NVR, Inc. (A)	4,853	24,135,425
		<hr/> 138,516,583
<b>Internet and direct marketing retail – 6.9%</b>		
Amazon.com, Inc. (A)	51,157	175,988,265
<b>Leisure products – 3.0%</b>		
Polaris, Inc.	552,844	75,717,514
<b>Specialty retail – 2.8%</b>		
Dufry AG (A)	485,666	28,818,588
Group 1 Automotive, Inc.	277,994	42,930,613
		<hr/> 71,749,201

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Fundamental All Cap Core Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Textiles, apparel and luxury goods – 1.0%</b>		
Salvatore Ferragamo SpA (A)	1,150,855	\$ 24,677,109
		486,648,672
<b>Consumer staples – 7.6%</b>		
<b>Beverages – 2.8%</b>		
Anheuser-Busch InBev SA/NV, ADR	372,801	26,845,400
Diageo PLC, ADR	114,873	22,020,005
Heineken NV	170,848	20,740,840
		69,606,245
<b>Food and staples retailing – 0.5%</b>		
U.S. Foods Holding Corp. (A)	356,896	13,690,531
<b>Food products – 4.3%</b>		
Post Holdings, Inc. (A)	713,217	77,362,647
The Hain Celestial Group, Inc. (A)	812,593	32,601,231
		109,963,878
		193,260,654
<b>Energy – 5.3%</b>		
<b>Energy equipment and services – 0.9%</b>		
Baker Hughes Company	979,557	22,402,469
<b>Oil, gas and consumable fuels – 4.4%</b>		
Cheniere Energy, Inc. (A)	773,930	67,130,688
Suncor Energy, Inc.	460,951	11,048,995
Valero Energy Corp.	427,962	33,415,273
		111,594,956
		133,997,425
<b>Financials – 17.3%</b>		
<b>Banks – 6.7%</b>		
Bank of America Corp.	2,092,864	86,288,783
First Hawaiian, Inc.	2,898,865	82,153,834
		168,442,617
<b>Capital markets – 8.3%</b>		
KKR & Company, Inc.	767,089	45,442,352
Morgan Stanley	1,174,196	107,662,031
The Goldman Sachs Group, Inc.	152,605	57,918,176
		211,022,559
<b>Consumer finance – 2.3%</b>		
American Express Company	238,809	39,458,411
Synchrony Financial	402,103	19,510,038
		58,968,449
		438,433,625
<b>Health care – 6.7%</b>		
<b>Biotechnology – 2.9%</b>		
Alnylam Pharmaceuticals, Inc. (A)	215,838	36,588,858
Moderna, Inc. (A)	158,756	37,304,485
		73,893,343
<b>Health care equipment and supplies – 2.1%</b>		
Hologic, Inc. (A)	791,530	52,810,882
<b>Health care providers and services – 1.1%</b>		
Anthem, Inc.	68,547	26,171,245
<b>Health care technology – 0.6%</b>		
Change Healthcare, Inc. (A)	681,036	15,691,069
		168,566,539
<b>Industrials – 8.7%</b>		
<b>Electrical equipment – 1.6%</b>		
Regal Beloit Corp.	161,347	21,541,438
Sensata Technologies Holding PLC (A)	313,430	18,169,537
		39,710,975
<b>Industrial conglomerates – 1.8%</b>		
Roper Technologies, Inc.	97,275	45,738,705

## Fundamental All Cap Core Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery – 1.4%</b>		
Parker-Hannifin Corp.	112,984	\$ 34,698,516
<b>Professional services – 2.3%</b>		
IHS Markit, Ltd.	519,818	58,562,696
<b>Trading companies and distributors – 1.6%</b>		
United Rentals, Inc. (A)	126,573	40,378,053
		219,088,945
<b>Information technology – 12.6%</b>		
<b>Semiconductors and semiconductor equipment – 3.7%</b>		
Analog Devices, Inc.	149,698	25,772,008
NVIDIA Corp.	85,702	68,570,170
		94,342,178
<b>Software – 4.2%</b>		
salesforce.com, Inc. (A)	214,047	52,285,261
Workday, Inc., Class A (A)	220,319	52,598,958
		104,884,219
<b>Technology hardware, storage and peripherals – 4.7%</b>		
Apple, Inc.	648,680	88,843,213
Samsung Electronics Company, Ltd.	410,202	29,364,773
		118,207,986
		317,434,383
<b>Materials – 0.9%</b>		
<b>Chemicals – 0.9%</b>		
Axalta Coating Systems, Ltd. (A)	783,540	23,890,135
<b>Real estate – 3.9%</b>		
<b>Equity real estate investment trusts – 3.1%</b>		
American Tower Corp.	203,854	55,069,120
Crown Castle International Corp.	122,855	23,969,011
		79,038,131
<b>Real estate management and development – 0.8%</b>		
Five Point Holdings LLC, Class A (A)	2,386,395	19,282,072
		98,320,203
<b>TOTAL COMMON STOCKS (Cost \$1,308,056,443)</b>		<b>\$ 2,493,080,567</b>
<b>SHORT-TERM INVESTMENTS – 1.4%</b>		
<b>Repurchase agreement – 1.4%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$35,082,000 on 7-1-21, collateralized by \$33,173,800 U.S. Treasury Notes, 2.375% due 5-15-27 (valued at \$35,783,641)		
	\$ 35,082,000	35,082,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$35,082,000)</b>		<b>\$ 35,082,000</b>
<b>Total Investments (Fundamental All Cap Core Trust) (Cost \$1,343,138,443) – 100.0%</b>		<b>\$ 2,528,162,567</b>
<b>Other assets and liabilities, net – (0.0%)</b>		<b>(540,244)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 2,527,622,323</b>
<b>Security Abbreviations and Legend</b>		
ADR	American Depository Receipt	
(A)	Non-income producing security.	
<b>Fundamental Large Cap Value Trust</b>		
	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.6%</b>		
<b>Communication services – 9.9%</b>		
<b>Interactive media and services – 3.0%</b>		
Alphabet, Inc., Class A (A)	10,019	\$ 24,464,294

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Media – 6.9%</b>		
Comcast Corp., Class A	619,178	\$ 35,305,530
Fox Corp., Class B	307,834	10,835,757
Liberty Broadband Corp., Series A (A)	54,560	9,175,355
		<u>55,316,642</u>
		79,780,936
<b>Consumer discretionary – 8.0%</b>		
<b>Household durables – 3.3%</b>		
Lennar Corp., A Shares	269,386	26,763,499
<b>Internet and direct marketing retail – 2.7%</b>		
eBay, Inc.	310,545	21,803,364
<b>Specialty retail – 2.0%</b>		
CarMax, Inc. (A)	62,265	8,041,525
Group 1 Automotive, Inc.	53,759	8,302,002
		<u>16,343,527</u>
		64,910,390
<b>Consumer staples – 9.1%</b>		
<b>Beverages – 3.5%</b>		
Anheuser-Busch InBev SA/NV, ADR	215,540	15,521,035
Heineken Holding NV	121,876	12,298,357
		<u>27,819,392</u>
<b>Food and staples retailing – 1.5%</b>		
Walmart, Inc.	87,976	12,406,376
<b>Food products – 4.1%</b>		
Danone SA	217,834	15,325,689
Post Holdings, Inc. (A)	165,539	17,956,015
		<u>33,281,704</u>
		73,507,472
<b>Energy – 9.7%</b>		
<b>Energy equipment and services – 0.9%</b>		
ChampionX Corp. (A)	296,050	7,593,683
<b>Oil, gas and consumable fuels – 8.8%</b>		
Cheniere Energy, Inc. (A)	293,933	25,495,748
Chevron Corp.	133,407	13,973,049
Kinder Morgan, Inc.	438,599	7,995,660
Suncor Energy, Inc.	634,892	15,218,361
Valero Energy Corp.	103,773	8,102,596
		<u>70,785,414</u>
		78,379,097
<b>Financials – 23.8%</b>		
<b>Banks – 10.2%</b>		
Bank of America Corp.	365,644	15,075,502
Citigroup, Inc.	353,630	25,019,323
JPMorgan Chase & Co.	124,379	19,345,910
Wells Fargo & Company	499,950	22,642,736
		<u>82,083,471</u>
<b>Capital markets – 9.7%</b>		
KKR & Company, Inc.	309,381	18,327,730
Morgan Stanley	154,865	14,199,572
Nasdaq, Inc.	112,157	19,717,201
State Street Corp.	165,872	13,647,948
The Goldman Sachs Group, Inc.	33,209	12,603,812
		<u>78,496,263</u>
<b>Consumer finance – 1.8%</b>		
American Express Company	87,871	14,518,925
<b>Diversified financial services – 2.1%</b>		
Berkshire Hathaway, Inc., Class B (A)	59,819	16,624,896
		<u>191,723,555</u>
<b>Health care – 13.4%</b>		

## Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology – 1.5%</b>		
Gilead Sciences, Inc.	91,807	\$ 6,321,830
Moderna, Inc. (A)	23,275	5,469,160
		<u>11,790,990</u>
<b>Health care equipment and supplies – 2.9%</b>		
Danaher Corp.	56,406	15,137,114
Hologic, Inc. (A)	121,690	8,119,157
		<u>23,256,271</u>
<b>Health care providers and services – 6.9%</b>		
Anthem, Inc.	97,756	37,323,243
HCA Healthcare, Inc.	30,985	6,405,839
UnitedHealth Group, Inc.	30,432	12,186,190
		<u>55,915,272</u>
<b>Pharmaceuticals – 2.1%</b>		
GlaxoSmithKline PLC, ADR	156,235	6,221,278
Merck & Company, Inc.	142,218	11,060,294
		<u>17,281,572</u>
		108,244,105
<b>Industrials – 12.3%</b>		
<b>Aerospace and defense – 5.8%</b>		
General Dynamics Corp.	85,901	16,171,722
L3Harris Technologies, Inc.	36,436	7,875,641
Raytheon Technologies Corp.	261,785	22,332,878
		<u>46,380,241</u>
<b>Machinery – 4.2%</b>		
Fortive Corp.	111,656	7,786,889
Parker-Hannifin Corp.	85,855	26,366,929
		<u>34,153,818</u>
<b>Trading companies and distributors – 2.3%</b>		
United Rentals, Inc. (A)	59,299	18,916,974
		<u>99,451,033</u>
<b>Information technology – 8.0%</b>		
<b>Electronic equipment, instruments and components – 1.2%</b>		
Vontier Corp.	301,431	9,820,622
<b>Semiconductors and semiconductor equipment – 1.1%</b>		
Analog Devices, Inc.	49,175	8,465,968
<b>Software – 4.3%</b>		
Microsoft Corp.	66,716	18,073,364
Oracle Corp.	217,958	16,965,851
		<u>35,039,215</u>
<b>Technology hardware, storage and peripherals – 1.4%</b>		
Samsung Electronics Company, Ltd.	157,290	11,259,782
		<u>64,585,587</u>
<b>Materials – 1.0%</b>		
<b>Chemicals – 1.0%</b>		
LyondellBasell Industries NV, Class A	75,586	7,775,532
<b>Real estate – 2.4%</b>		
<b>Equity real estate investment trusts – 2.4%</b>		
American Tower Corp.	72,396	19,557,055
<b>TOTAL COMMON STOCKS (Cost \$545,721,942)</b>		<b>\$ 787,914,762</b>



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS – 2.8%</b>		
<b>Repurchase agreement – 2.8%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$22,470,000 on 7-1-21, collateralized by \$21,247,800		
U.S. Treasury Notes, 2.375% due 5-15-27 (valued at \$22,919,402)	\$ 22,470,000	\$ 22,470,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$22,470,000)</b>		<b>\$ 22,470,000</b>
<b>Total Investments (Fundamental Large Cap Value Trust)</b> (Cost \$568,191,942) – 100.4%		<b>\$ 810,384,762</b>
<b>Other assets and liabilities, net – (0.4%)</b>		<b>(3,583,698)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 806,801,064</b>

### Security Abbreviations and Legend

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

## Global Equity Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 95.9%</b>		
<b>China - 1.1%</b>		
Alibaba Group Holding, Ltd., ADR (A)	17,039	\$ 3,864,104
<b>France - 8.7%</b>		
Capgemini SE	43,166	8,301,387
Cie Generale des Etablissements Michelin SCA	47,524	7,584,593
Sanofi	93,084	9,779,625
TotalEnergies SE	109,830	4,975,485
		30,641,090
<b>Germany - 1.3%</b>		
Deutsche Post AG	70,136	4,776,582
<b>Ireland - 2.0%</b>		
CRH PLC	139,685	7,064,039
<b>Japan - 4.1%</b>		
FANUC Corp.	19,471	4,669,103
Mitsubishi Estate Company, Ltd.	193,469	3,127,151
Sumitomo Mitsui Financial Group, Inc.	189,600	6,535,887
		14,332,141
<b>Netherlands - 9.7%</b>		
Akzo Nobel NV	35,479	4,393,031
ING Groep NV	507,728	6,739,745
Koninklijke Ahold Delhaize NV	210,966	6,282,462
Koninklijke Philips NV	145,391	7,216,347
Stellantis NV	496,277	9,763,429
		34,395,014
<b>Switzerland - 4.2%</b>		
Chubb, Ltd.	32,310	5,135,351
Roche Holding AG	25,791	9,719,032
		14,854,383

## Global Equity Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom - 8.3%</b>		
Associated British Foods PLC	202,791	\$ 6,225,037
Ferguson PLC	40,872	5,686,402
RELX PLC	273,449	7,250,955
Tesco PLC	1,672,166	5,165,619
Unilever PLC	88,233	5,155,764
		29,483,777
<b>United States - 56.5%</b>		
Alexion Pharmaceuticals, Inc. (A)	52,923	9,722,484
Alphabet, Inc., Class A (A)	7,006	17,107,181
Apple, Inc.	84,624	11,590,103
Arthur J. Gallagher & Company	48,585	6,805,787
AutoZone, Inc. (A)	7,383	11,017,060
Bank of America Corp.	230,168	9,489,827
Comcast Corp., Class A	157,086	8,957,044
Corteva, Inc.	158,161	7,014,440
Electronic Arts, Inc.	30,858	4,438,306
Facebook, Inc., Class A (A)	37,876	13,169,864
Huntington Bancshares, Inc.	392,544	5,601,603
Johnson & Johnson	52,520	8,652,145
Johnson Controls International PLC	83,282	5,715,644
Kimberly-Clark Corp.	34,379	4,599,223
Lennar Corp., A Shares	48,715	4,839,835
Microsoft Corp.	46,856	12,693,290
Northrop Grumman Corp.	24,251	8,813,541
Oracle Corp.	77,658	6,044,899
Philip Morris International, Inc.	147,177	14,586,712
Stanley Black & Decker, Inc.	28,666	5,876,243
The Home Depot, Inc.	14,216	4,533,340
T-Mobile US, Inc. (A)	36,574	5,297,012
Waste Management, Inc.	50,517	7,077,937
Wells Fargo & Company	133,168	6,031,179
		199,674,699
<b>TOTAL COMMON STOCKS (Cost \$273,907,703)</b>		<b>\$ 339,085,829</b>
<b>PREFERRED SECURITIES - 2.9%</b>		
<b>South Korea - 2.9%</b>		
Samsung Electronics Company, Ltd.	159,654	10,449,367
<b>TOTAL PREFERRED SECURITIES (Cost \$6,281,297)</b>		<b>\$ 10,449,367</b>
<b>SHORT-TERM INVESTMENTS - 1.3%</b>		
<b>Short-term funds - 1.3%</b>		
Federated Government Obligations Fund, Institutional Class, 0.0100% (B)	4,524,300	4,524,300
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$4,524,300)</b>		<b>\$ 4,524,300</b>
<b>Total Investments (Global Equity Trust)</b> (Cost \$284,713,300) - 100.1%		<b>\$ 354,059,496</b>
<b>Other assets and liabilities, net - (0.1%)</b>		<b>(474,138)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 353,585,358</b>
<b>Security Abbreviations and Legend</b>		
ADR	American Depository Receipt	
(A)	Non-income producing security.	
(B)	The rate shown is the annualized seven-day yield as of 6-30-21.	

## DERIVATIVES

### FORWARD FOREIGN CURRENCY CONTRACTS

Contract to buy	Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation		
EUR	8,692,132	USD	10,630,034	GSI	7/21/2021	—	\$(319,180)

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Global Equity Trust (continued)

### FORWARD FOREIGN CURRENCY CONTRACTS (continued)

Contract to buy	Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
USD 10,591,719	EUR 8,692,132	RBCD	7/21/2021	\$280,865	—
				<b>\$280,865</b>	<b>\$(319,180)</b>

#### Derivatives Currency Abbreviations

EUR	Euro
USD	U.S. Dollar

#### Derivatives Abbreviations

GSI	Goldman Sachs International
OTC	Over-the-counter
RBCD	RBC Dominion Securities, Inc.

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

## Health Sciences Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.5%</b>		
<b>Consumer discretionary – 0.2%</b>		
<b>Diversified consumer services – 0.1%</b>		
ATAI Life Sciences NV (A)	9,726	\$ 179,931
<b>Specialty retail – 0.1%</b>		
JAND, Inc., Class A (A)(B)(C)	14,867	364,696
		544,627
<b>Consumer staples – 0.0%</b>		
<b>Food products – 0.0%</b>		
Freshpet, Inc. (A)	200	32,592
<b>Financials – 0.6%</b>		
<b>Capital markets – 0.3%</b>		
BCLS Acquisition Corp., Class A (A)	12,029	126,665
CM Life Sciences II, Inc. (A)	10,251	137,876
CM Life Sciences, Inc. (A)	14,588	238,733
Dynamics Special Purpose Corp., Class A (A)	18,789	186,763
Eucrates Biomedical Acquisition Corp. (A)	11,914	121,404
FS Development Corp. II, Class A (A)	10,438	104,380
Health Sciences Acquisitions Corp. 2 (A)	13,354	136,211
Helix Acquisition Corp., Class A (A)	12,247	126,512
		1,178,544
<b>Insurance – 0.3%</b>		
Bright Health Group, Inc. (A)	47,020	806,863
Oscar Health, Inc., Class A (A)	6,001	129,022
		935,885
		2,114,429
<b>Health care – 97.7%</b>		
<b>Biotechnology – 34.1%</b>		
AbbVie, Inc.	51,094	5,755,228
Abcam PLC (A)	35,266	674,393
ACADIA Pharmaceuticals, Inc. (A)	26,408	644,091
Acceleron Pharma, Inc. (A)	26,083	3,273,156
Acerta Pharma BV (A)(B)	679,277	679,277
ADC Therapeutics SA (A)	18,726	455,978
Agiros Pharmaceuticals, Inc. (A)	9,938	547,683
Akero Therapeutics, Inc. (A)	4,936	122,462
Alector, Inc. (A)	16,204	337,529
Alkermes PLC (A)	3,287	80,597
Allogene Therapeutics, Inc. (A)	19,856	517,844
Alnylam Pharmaceuticals, Inc. (A)	19,267	3,266,142
Amgen, Inc.	15,508	3,780,075
Amicus Therapeutics, Inc. (A)	7,300	70,372

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Annexon, Inc. (A)	8,751	\$ 196,985
Apellis Pharmaceuticals, Inc. (A)	27,125	1,714,300
Arcutis Biotherapeutics, Inc. (A)	5,800	158,282
Ardelyx, Inc. (A)	22,814	172,930
Argenx SE, ADR (A)	15,031	4,525,383
Ascendis Pharma A/S, ADR (A)	13,323	1,752,641
Avidity Biosciences, Inc. (A)	4,804	118,707
BeiGene, Ltd., ADR (A)	5,087	1,745,808
Biogen, Inc. (A)	10,185	3,526,760
BioMarin Pharmaceutical, Inc. (A)	4,974	415,031
BioNTech SE, ADR (A)	27,532	6,163,864
Blueprint Medicines Corp. (A)	12,035	1,058,599
Bridgebio Pharma, Inc. (A)	9,061	552,359
Burning Rock Biotech, Ltd., ADR (A)	9,445	278,250
C4 Therapeutics, Inc. (A)	19,333	731,561
Celldex Therapeutics, Inc. (A)	6,300	210,672
Centessa Pharmaceuticals PLC, ADR (A)	18,009	399,980
Cerevel Therapeutics Holdings, Inc. (A)	11,246	288,123
Chimerix, Inc. (A)	25,949	207,592
CM Life Sciences III, Inc. (A)	22,514	246,528
CRISPR Therapeutics AG (A)	4,952	801,679
Day One Biopharmaceuticals, Inc. (A)	8,112	184,710
Deciphera Pharmaceuticals, Inc. (A)	3,307	121,069
Denali Therapeutics, Inc. (A)	28,647	2,247,071
Design Therapeutics, Inc. (A)	14,731	293,000
Dicerna Pharmaceuticals, Inc. (A)	12,778	476,875
Enanta Pharmaceuticals, Inc. (A)	115	5,061
Exact Sciences Corp. (A)	27,175	3,378,124
Exelixis, Inc. (A)	102,725	1,871,650
Fate Therapeutics, Inc. (A)	18,357	1,593,204
Frontier Acquisition Corp. (A)	12,607	126,070
F-star Therapeutics, Inc. (A)	12,596	108,200
Generation Bio Company (A)	29,400	790,860
Genmab A/S (A)	3,907	1,600,864
Global Blood Therapeutics, Inc. (A)	6,332	221,747
Ideaya Biosciences, Inc. (A)	9,100	191,009
IGM Biosciences, Inc. (A)	5,782	481,062
Immunocore Holdings PLC, ADR (A)	5,762	225,006
Incyte Corp. (A)	45,661	3,841,460
Insmed, Inc. (A)	41,482	1,180,578
Intellia Therapeutics, Inc. (A)	10,617	1,718,998
Invitae Corp. (A)	17,144	578,267
Ionis Pharmaceuticals, Inc. (A)	23,370	932,229
Iovance Biotherapeutics, Inc. (A)	26,336	685,263

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
IVERIC bio, Inc. (A)	37,581	\$ 237,136
Karuna Therapeutics, Inc. (A)	7,771	885,816
Kinnate Biopharma, Inc. (A)	9,888	230,193
Kodiak Sciences, Inc. (A)	21,111	1,963,323
Kronos Bio, Inc. (A)	7,495	179,505
Kymera Therapeutics, Inc. (A)	8,231	399,204
Lyell Immunopharma, Inc. (A)	15,406	250,193
MaxCyte, Inc. (A)	11,231	139,468
MeiraGTx Holdings PLC (A)	10,086	156,333
Mersana Therapeutics, Inc. (A)	19,088	259,215
Mirati Therapeutics, Inc. (A)	11,094	1,792,014
Moderna, Inc. (A)	24,256	5,699,675
Molecular Templates, Inc. (A)	8,300	64,906
Monte Rosa Therapeutics, Inc. (A)	9,565	217,126
Morphic Holding, Inc. (A)	1,883	108,065
Neurocrine Biosciences, Inc. (A)	10,765	1,047,650
Novavax, Inc. (A)	3,075	652,853
Nurix Therapeutics, Inc. (A)	15,120	401,134
Olink Holding AB, ADR (A)	17,122	589,339
Orion Acquisition Corp. (A)	12,953	128,494
Precision BioSciences, Inc. (A)	9,100	113,932
Prelude Therapeutics, Inc. (A)	6,738	192,909
Progenics Pharmaceuticals, Inc. (A)(C)	21,900	935
Protagonist Therapeutics, Inc. (A)	14,560	653,453
Prothena Corp. PLC (A)	18,560	954,170
PTC Therapeutics, Inc. (A)	9,074	383,558
Radius Health, Inc. (A)	11,791	215,068
RAPT Therapeutics, Inc. (A)	13,742	436,858
Recursion Pharmaceuticals, Inc., Class A (A)	8,914	325,361
Regeneron Pharmaceuticals, Inc. (A)	8,356	4,667,160
REGENXBIO, Inc. (A)	4,203	163,287
Relay Therapeutics, Inc. (A)	5,385	197,037
Repare Therapeutics, Inc. (A)	6,100	190,198
Replimune Group, Inc. (A)	20,181	775,354
Revolution Healthcare Acquisition Corp. (A)	31,883	319,786
Rocket Pharmaceuticals, Inc. (A)	18,898	836,992
Sage Therapeutics, Inc. (A)	7,877	447,492
Sana Biotechnology, Inc. (A)	7,446	146,388
Sarepta Therapeutics, Inc. (A)	6,268	487,274
Scholar Rock Holding Corp. (A)	15,362	443,962
Seagen, Inc. (A)	17,739	2,800,633
Seres Therapeutics, Inc. (A)	9,002	214,698
Solid Biosciences, Inc. (A)	27,976	102,392
SpringWorks Therapeutics, Inc. (A)	5,481	451,689
Stoke Therapeutics, Inc. (A)	8,627	290,385
Syndax Pharmaceuticals, Inc. (A)	6,400	109,888
TG Therapeutics, Inc. (A)	5,171	200,583
Translate Bio, Inc. (A)	13,393	368,843
Turning Point Therapeutics, Inc. (A)	8,840	689,697
Twist Bioscience Corp. (A)	7,977	1,062,935
Ultragenyx Pharmaceutical, Inc. (A)	26,048	2,483,677
uniQure NV (A)	10,600	326,480
Vertex Pharmaceuticals, Inc. (A)	38,112	7,684,523
Verve Therapeutics, Inc. (A)	4,213	253,833
Xencor, Inc. (A)	19,055	657,207
Zai Lab, Ltd., ADR (A)	6,989	1,236,983
Zeneca, Inc. (A)(C)	13,151	8,088
Zentalis Pharmaceuticals, Inc. (A)	14,394	765,761
Zymeworks, Inc. (A)	6,823	236,690
		115,621,039
<b>Health care equipment and supplies – 21.0%</b>		
Alcon, Inc.	10,952	768,146
AtriCure, Inc. (A)	8,662	687,156

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Becton, Dickinson and Company	17,277	\$ 4,201,594
Danaher Corp.	43,522	11,679,564
Dentsply Sirona, Inc.	12,942	818,711
DexCom, Inc. (A)	5,303	2,264,381
Envista Holdings Corp. (A)	38,924	1,681,906
Hologic, Inc. (A)	47,489	3,168,466
ICU Medical, Inc. (A)	425	87,465
Inari Medical, Inc. (A)	3,430	319,950
Insulet Corp. (A)	5,879	1,613,844
Intuitive Surgical, Inc. (A)	13,392	12,315,819
iRhythm Technologies, Inc. (A)	4,332	287,428
Lantheus Holdings, Inc. (A)	18,633	515,016
Nevro Corp. (A)	6,140	1,017,951
Novocure, Ltd. (A)	11,724	2,600,618
Ortho Clinical Diagnostics Holdings PLC (A)	58,896	1,260,963
Outset Medical, Inc. (A)	18,326	915,933
Penumbra, Inc. (A)	10,493	2,875,712
Pulmonx Corp. (A)	3,467	152,964
Quidel Corp. (A)	9,184	1,176,654
Shockwave Medical, Inc. (A)	15,493	2,939,487
STERIS PLC	2,900	598,270
Stryker Corp.	30,619	7,952,673
Teleflex, Inc.	6,780	2,724,136
The Cooper Companies, Inc.	3,858	1,528,810
West Pharmaceutical Services, Inc.	10,799	3,877,921
Zimmer Biomet Holdings, Inc.	7,044	1,132,816
		71,164,354
<b>Health care providers and services – 17.9%</b>		
Accolade, Inc. (A)	8,870	481,730
Agility, Inc. (A)	28,434	621,852
Agilon Health, Inc. (A)	17,672	716,953
Alignment Healthcare, Inc. (A)	46,816	1,094,090
Amedisys, Inc. (A)	3,532	865,093
Anthem, Inc.	14,282	5,452,868
Centene Corp. (A)	82,925	6,047,720
Cigna Corp.	26,466	6,274,295
Guardant Health, Inc. (A)	13,940	1,731,209
HCA Healthcare, Inc.	20,376	4,212,534
Humana, Inc.	14,022	6,207,820
Innovage Holding Corp. (A)	7,668	163,405
Molina Healthcare, Inc. (A)	11,839	2,995,977
Oak Street Health, Inc. (A)	8,398	491,871
Option Care Health, Inc. (A)	30,023	656,603
Privia Health Group, Inc. (A)	11,503	510,388
Surgery Partners, Inc. (A)	14,903	992,838
The Pennant Group, Inc. (A)	10,535	430,882
UnitedHealth Group, Inc.	51,699	20,702,343
		60,650,471
<b>Health care technology – 2.8%</b>		
Certara, Inc. (A)	15,731	445,659
Doximity, Inc., Class A (A)	10,171	591,952
Doximity, Inc., Class B (A)(B)	63,222	3,412,807
Multiplan Corp. (A)	32,800	312,256
Phreesia, Inc. (A)	21,021	1,288,587
Schrodinger, Inc. (A)	4,954	374,572
Veeva Systems, Inc., Class A (A)	10,139	3,152,722
		9,578,555
<b>Life sciences tools and services – 11.3%</b>		
10X Genomics, Inc., Class A (A)	9,307	1,822,497
Adaptive Biotechnologies Corp. (A)	21,368	873,096
Agilent Technologies, Inc.	39,844	5,889,342
Akoya Biosciences, Inc. (A)	7,645	147,854
Avantor, Inc. (A)	72,058	2,558,780

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Life sciences tools and services (continued)</b>		
Berkeley Lights, Inc. (A)	8,531	\$ 382,274
Bio-Techne Corp.	2,300	1,035,598
Bruker Corp.	34,931	2,654,057
Evotec SE (A)	18,730	849,663
Lonza Group AG	1,486	1,053,509
Maravai LifeSciences Holdings, Inc., Class A (A)	12,522	522,543
Mettler-Toledo International, Inc. (A)	883	1,223,255
Pacific Biosciences of California, Inc. (A)	51,594	1,804,242
Quantarix Corp. (A)	13,174	772,787
Quantum-Si, Inc. (A)	31,200	382,512
Repligen Corp. (A)	2,042	407,624
Seer, Inc. (A)	49,727	1,630,051
Thermo Fisher Scientific, Inc.	25,077	12,650,594
Waters Corp. (A)	1,000	345,610
Wuxi Biologics Cayman, Inc. (A)(D)	57,500	1,052,841
		38,058,729
<b>Pharmaceuticals – 10.6%</b>		
Arvinas, Inc. (A)	11,123	856,471
AstraZeneca PLC, ADR	93,760	5,616,224
Atea Pharmaceuticals, Inc. (A)	20,887	448,653
Athira Pharma, Inc. (A)	11,226	114,954
Axsome Therapeutics, Inc. (A)	7,821	527,605
Cara Therapeutics, Inc. (A)	9,133	130,328
Catalent, Inc. (A)	14,481	1,565,686
Eisai Company, Ltd.	8,900	874,667
Elanco Animal Health, Inc. (A)	19,393	672,743
Eli Lilly & Company	51,965	11,927,007
Longboard Pharmaceuticals, Inc. (A)	9,824	89,595
Merck & Company, Inc.	62,313	4,846,082
Merck KGaA	8,432	1,617,900
NGM Biopharmaceuticals, Inc. (A)	6,500	128,180
Pfizer, Inc.	28,517	1,116,726
Pliant Therapeutics, Inc. (A)	3,471	101,076
Reata Pharmaceuticals, Inc., Class A (A)	4,624	654,435
Roche Holding AG	8,260	3,112,681
Royalty Pharma PLC, Class A	31,749	1,301,392
		35,702,405
		330,775,553
<b>TOTAL COMMON STOCKS (Cost \$206,796,964)</b>		<b>\$ 333,467,201</b>
<b>PREFERRED SECURITIES – 0.8%</b>		
<b>Consumer discretionary – 0.2%</b>		
<b>Specialty retail – 0.2%</b>		
JAND, Inc., Series D (A)(B)(C)	33,198	814,367
<b>Health care – 0.6%</b>		
<b>Health care equipment and supplies – 0.6%</b>		
Sartorius AG	3,704	1,927,961
<b>TOTAL PREFERRED SECURITIES (Cost \$933,774)</b>		<b>\$ 2,742,328</b>
<b>WARRANTS – 0.0%</b>		
Cerevel Therapeutics Holdings, Inc.		
(Expiration Date: 10-27-25; Strike Price: \$11.50) (A)	3,748	53,446
<b>TOTAL WARRANTS (Cost \$7,214)</b>		<b>\$ 53,446</b>

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS – 0.7%</b>		
<b>Short-term funds – 0.7%</b>		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (E)	591,841	\$ 591,841
T. Rowe Price Government Reserve Fund, 0.0295% (E)	1,719,088	1,719,088
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$2,310,929)</b>		<b>\$ 2,310,929</b>
<b>Total Investments (Health Sciences Trust) (Cost \$210,048,881) – 100.0%</b>		
<b>Other assets and liabilities, net – 0.0%</b>		
<b>TOTAL NET ASSETS – 100.0%</b>		

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to financial statements.
(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)	The rate shown is the annualized seven-day yield as of 6-30-21.

## International Equity Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 96.3%</b>		
<b>Argentina - 0.0%</b>		
YPF SA, ADR (A)	6,300	\$ 29,484
<b>Australia - 4.5%</b>		
Afterpay, Ltd. (A)	7,435	659,933
AGL Energy, Ltd.	24,640	151,384
Ampol, Ltd.	9,411	199,190
APA Group	39,169	261,361
Aristocrat Leisure, Ltd.	20,065	647,750
ASX, Ltd.	6,626	386,268
Aurizon Holdings, Ltd.	61,567	171,486
AusNet Services, Ltd.	86,871	113,859
Australia & New Zealand Banking Group, Ltd.	96,280	2,032,273
BHP Group PLC	71,227	2,107,673
BHP Group, Ltd.	97,792	3,557,709
BlueScope Steel, Ltd.	18,252	299,913
Brambles, Ltd.	50,212	430,918
Cochlear, Ltd.	2,361	445,444
Coles Group, Ltd.	45,471	582,473
Commonwealth Bank of Australia	58,894	4,410,146
Computershare, Ltd.	20,019	253,725
Crown Resorts, Ltd. (A)	14,067	125,562
CSL, Ltd.	15,105	3,230,490
Dexus	39,487	314,780
Domino's Pizza Enterprises, Ltd.	1,999	180,766
Endeavour Group, Ltd. (A)	43,228	203,915
Evolution Mining, Ltd.	56,369	190,456
Fortescue Metals Group, Ltd.	58,162	1,016,029
Goodman Group	57,212	905,420
Insurance Australia Group, Ltd.	88,042	340,411
Lendlease Corp., Ltd.	25,385	218,127

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
Macquarie Group, Ltd.	11,522	\$ 1,349,937
Magellan Financial Group, Ltd.	4,432	178,998
Medibank Private, Ltd.	99,625	236,194
Mirvac Group	141,329	308,148
National Australia Bank, Ltd.	110,955	2,181,248
Newcrest Mining, Ltd.	28,639	543,105
Northern Star Resources, Ltd.	39,419	289,499
Oil Search, Ltd.	73,917	211,174
Orica, Ltd.	15,709	156,231
Origin Energy, Ltd.	58,812	198,621
Qantas Airways, Ltd. (A)	30,851	107,701
QBE Insurance Group, Ltd.	49,235	397,306
Ramsay Health Care, Ltd.	6,659	314,177
REA Group, Ltd.	1,952	247,337
Reece, Ltd.	9,597	169,951
Rio Tinto, Ltd.	12,705	1,204,507
Santos, Ltd.	64,049	340,198
Scentre Group	177,637	363,503
SEEK, Ltd.	11,910	296,071
Sonic Healthcare, Ltd.	16,282	469,174
South32, Ltd.	112,851	247,481
South32, Ltd. (London Stock Exchange)	48,980	107,947
Stockland	87,409	304,381
Suncorp Group, Ltd.	43,155	359,278
Sydney Airport (A)	47,614	206,598
Tabcorp Holdings, Ltd.	82,609	320,519
Telstra Corp., Ltd.	142,464	401,804
The GPT Group	71,628	262,026
Transurban Group	93,607	998,328
Treasury Wine Estates, Ltd.	26,341	230,650
Vicinity Centres	148,057	170,704
Washington H. Soul Pattinson & Company, Ltd. (B)	3,863	97,690
Wesfarmers, Ltd.	37,640	1,668,699
Westpac Banking Corp.	121,785	2,356,763
WiseTech Global, Ltd.	5,291	126,437
Woodside Petroleum, Ltd.	32,383	539,233
Woolworths Group, Ltd.	43,228	1,237,033
		42,636,112
<b>Austria - 0.1%</b>		
Erste Group Bank AG	11,010	404,742
OMV AG	5,543	316,325
Raiffeisen Bank International AG	4,926	111,813
Verbund AG	2,442	224,959
voestalpine AG	4,357	177,719
		1,235,558
<b>Belgium - 0.6%</b>		
Ageas SA/NV	6,383	354,710
Anheuser-Busch InBev SA/NV	26,526	1,912,224
Elia Group SA/NV	1,076	113,579
Etablissements Franz Colruyt NV	2,769	154,923
Groupe Bruxelles Lambert SA	3,809	426,498
KBC Group NV	8,597	656,391
Proximus SADP	5,996	115,897
Sofina SA	537	232,013
Solvay SA	2,881	366,703
UCB SA	4,152	434,845
Umicore SA	6,530	399,492
		5,167,275
<b>Brazil - 1.1%</b>		
Ambev SA	157,730	541,327
Atacadao SA	13,900	58,688
B2W Cia Digital (A)	8,038	107,081
B3 SA - Brasil Bolsa Balcao	206,421	698,058

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Brazil (continued)</b>		
Banco Bradesco SA	46,660	\$ 205,071
Banco BTG Pactual SA	638	8,864
Banco BTG Pactual SA, Unit	8,663	212,595
Banco do Brasil SA	28,713	185,482
Banco Inter SA	423	2,181
Banco Inter SA, Unit	3,400	53,176
Banco Santander Brasil SA	14,000	113,997
BB Seguridade Participacoes SA	24,400	113,322
BRF SA (A)	19,720	108,357
CCR SA	40,100	108,437
Centrais Eletricas Brasileiras SA	9,400	81,587
Centrais Eletricas Brasileiras SA, ADR	1,429	12,489
Cia Brasileira de Distribuicao	4,938	38,382
Cia Brasileira de Distribuicao, ADR (B)	628	4,892
Cia de Saneamento Basico do Estado de Sao Paulo	11,270	82,886
Cia Siderurgica Nacional SA, ADR	11,800	103,604
Cosan SA	22,444	108,118
Energisa SA	6,100	57,151
Engie Brasil Energia SA	7,275	57,263
Equatorial Energia SA	30,700	153,074
Hypera SA	10,908	75,596
JBS SA	34,073	199,349
Klabin SA (A)	24,000	127,098
Localiza Rent a Car SA	20,227	260,269
Lojas Renner SA	29,260	260,197
Magazine Luiza SA	92,108	391,669
Natura & Company Holding SA (A)	26,929	307,200
Notre Dame Intermedica Participacoes SA	17,255	294,637
Petrobras Distribuidora SA	25,000	134,103
Petroleo Brasileiro SA	124,329	757,153
Raia Drogasil SA	35,900	178,352
Rumo SA (A)	45,451	174,994
Sendas Distribuidora SA	4,938	85,917
Sendas Distribuidora SA, ADR	628	10,739
Suzano SA (A)	22,263	267,713
Suzano SA, ADR (A)	3,164	38,095
Telefonica Brasil SA	9,652	81,504
Telefonica Brasil SA, ADR	6,017	51,145
TIM SA	28,020	64,954
TOTVS SA	16,600	125,656
Ultrapar Participacoes SA	25,400	93,913
Vale SA	130,797	2,978,158
Via Varejo SA (A)	44,400	140,954
WEG SA	56,116	380,101
		10,695,548
<b>Canada - 7.0%</b>		
Agnico Eagle Mines, Ltd.	8,481	512,856
Air Canada (A)	5,400	111,084
Algonquin Power & Utilities Corp. (B)	20,241	301,590
Alimentation Couche-Tard, Inc., Class B	29,500	1,083,999
AltaGas, Ltd.	11,500	241,392
Atco, Ltd., Class I	3,400	120,574
B2Gold Corp.	36,100	151,436
Ballard Power Systems, Inc. (A)	7,500	136,012
Bank of Montreal	21,498	2,203,562
Barrick Gold Corp.	40,477	837,230
Barrick Gold Corp. (London Stock Exchange)	20,657	428,194
BCE, Inc.	5,524	272,412
BlackBerry, Ltd. (A)	21,000	256,655
Brookfield Asset Management Reinsurance Partners, Ltd., Class A (A)	299	15,805
Brookfield Asset Management, Inc., Class A	43,372	2,212,686

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
CAE, Inc. (A)	10,400	\$ 320,323
Cameco Corp.	13,200	253,011
Canadian Apartment Properties REIT	2,900	135,970
Canadian Imperial Bank of Commerce	15,200	1,730,294
Canadian National Railway Company	24,000	2,532,236
Canadian Natural Resources, Ltd.	40,360	1,465,150
Canadian Pacific Railway, Ltd.	22,100	1,699,397
Canadian Tire Corp., Ltd., Class A	2,100	332,314
Canadian Utilities, Ltd., Class A	4,600	127,654
Canopy Growth Corp. (A)(B)	8,000	193,482
CCL Industries, Inc., Class B	5,400	297,401
Cenovus Energy, Inc.	43,800	419,061
CGI, Inc. (A)	7,900	716,264
Constellation Software, Inc.	700	1,060,170
Dollarama, Inc.	10,100	462,306
Emera, Inc.	8,900	403,788
Empire Company, Ltd., Class A	6,200	195,563
Enbridge, Inc.	68,500	2,742,542
Fairfax Financial Holdings, Ltd.	900	394,676
First Quantum Minerals, Ltd.	20,154	464,505
FirstService Corp.	1,500	257,273
Fortis, Inc.	16,245	719,073
Franco-Nevada Corp.	6,410	930,215
George Weston, Ltd.	2,799	266,781
GFL Environmental, Inc.	6,400	204,556
Gildan Activewear, Inc.	7,300	269,363
Great-West Lifeco, Inc.	9,900	294,061
Hydro One, Ltd. (C)	11,900	287,612
iA Financial Corp., Inc.	3,600	196,002
IGM Financial, Inc.	3,000	105,905
Imperial Oil, Ltd.	8,630	263,021
Intact Financial Corp.	5,300	720,049
Inter Pipeline, Ltd.	15,900	258,458
Ivanhoe Mines, Ltd., Class A (A)	19,900	143,679
Keyera Corp.	8,500	228,408
Kinross Gold Corp.	45,229	286,786
Kirkland Lake Gold, Ltd.	8,700	335,269
Lightspeed POS, Inc. (A)	3,200	267,828
Loblaw Companies, Ltd.	6,140	377,880
Lundin Mining Corp.	22,100	199,321
Magna International, Inc.	9,800	907,346
Manulife Financial Corp. (D)	66,100	1,301,097
Metro, Inc.	8,257	395,864
National Bank of Canada	11,500	860,645
Northland Power, Inc.	8,100	276,338
Nutrien, Ltd.	19,490	1,180,941
Nuvei Corp. (A)	1,900	155,513
Onex Corp.	2,700	196,053
Open Text Corp.	9,700	492,590
Pan American Silver Corp.	7,300	208,470
Parkland Corp.	5,400	174,511
Pembina Pipeline Corp.	18,998	603,688
Power Corp. of Canada	19,412	613,555
Quebecor, Inc., Class B	6,400	170,687
Restaurant Brands International, Inc. (B)	10,046	647,285
RioCan Real Estate Investment Trust (B)	6,300	112,217
Ritchie Brothers Auctioneers, Inc.	3,800	225,284
Rogers Communications, Inc., Class B	12,200	648,580
Royal Bank of Canada	47,300	4,792,197
Saputo, Inc.	9,100	271,400
Shaw Communications, Inc., Class B	16,926	490,330
Shopify, Inc., Class A (A)	3,700	5,411,116
Sun Life Financial, Inc.	20,000	1,031,300
Suncor Energy, Inc.	52,235	1,251,095
TC Energy Corp.	31,197	1,543,743

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
Teck Resources, Ltd., Class B	16,161	\$ 372,214
TELUS Corp. (B)	14,193	318,301
The Bank of Nova Scotia	40,200	2,614,492
The Toronto-Dominion Bank	60,272	4,223,805
Thomson Reuters Corp.	5,954	591,413
TMX Group, Ltd.	2,000	211,262
Toromont Industries, Ltd.	2,800	243,950
West Fraser Timber Company, Ltd.	3,100	222,547
Wheaton Precious Metals Corp.	15,076	664,531
WSP Global, Inc.	3,800	443,579
Yamana Gold, Inc.	33,100	139,385
		65,450,458
<b>Chile - 0.1%</b>		
Antofagasta PLC	13,250	263,487
Banco Santander Chile, ADR	5,508	109,444
Cencosud SA	61,383	122,124
Enel Americas SA, ADR	14,968	108,069
Enel Chile SA, ADR (B)	18,222	53,755
Sociedad Quimica y Minera de Chile SA, ADR	4,430	209,672
		866,551
<b>China - 10.2%</b>		
3SBio, Inc. (A)(C)	40,500	50,082
51job, Inc., ADR (A)	900	69,993
AAC Technologies Holdings, Inc.	27,342	204,558
AECC Aviation Power Company, Ltd., Class A	3,600	29,640
Agile Group Holdings, Ltd.	54,000	69,980
Agricultural Bank of China, Ltd., Class A	165,700	77,693
Agricultural Bank of China, Ltd., H Shares	934,000	324,103
Aier Eye Hospital Group Company, Ltd., Class A	11,596	127,122
Air China, Ltd., H Shares (A)	84,534	62,158
Airtac International Group	4,000	154,080
Alibaba Group Holding, Ltd., ADR (A)	63,000	14,287,140
A-Living Smart City Services Company, Ltd. (C)	15,500	76,935
Aluminum Corp. of China, Ltd., A Shares (A)	29,100	23,878
Aluminum Corp. of China, Ltd., H Shares (A)	131,220	77,796
Anhui Conch Cement Company, Ltd., Class A	8,900	56,520
Anhui Conch Cement Company, Ltd., H Shares	44,290	234,767
Anhui Gujing Distillery Company, Ltd., B Shares	3,600	49,843
Anhui Gujing Distillery Company, Ltd., Class A	900	33,341
ANTA Sports Products, Ltd.	37,000	868,417
Autohome, Inc., ADR	2,100	134,316
AVIC Industry-Finance Holdings Company, Ltd., Class A	20,000	11,977
AVIC Jonhon Optron Technology Company, Ltd., Class A	2,300	28,119
AVIC Xi'an Aircraft Industry Group Company, Ltd., Class A	6,200	25,245
AviChina Industry & Technology Company, Ltd., H Shares	72,000	47,655
Baidu, Inc., ADR (A)	9,000	1,835,100
Bank of Beijing Company, Ltd., Class A	47,000	35,423
Bank of China, Ltd., Class A	78,100	37,225
Bank of China, Ltd., H Shares	2,682,563	963,208
Bank of Communications Company, Ltd., Class A	87,300	66,195

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Bank of Communications Company, Ltd., H Shares	292,527	\$ 196,499
Bank of Hangzhou Company, Ltd., Class A	11,400	26,025
Bank of Jiangsu Company, Ltd., Class A	33,410	36,726
Bank of Nanjing Company, Ltd., Class A	13,600	22,142
Bank of Ningbo Company, Ltd., Class A	12,500	75,352
Bank of Shanghai Company, Ltd., Class A	31,610	40,107
Baoshan Iron & Steel Company, Ltd., Class A	41,300	48,814
Baozun, Inc., ADR (A)	1,300	46,072
BeiGene, Ltd., ADR (A)	1,500	514,785
Beijing Capital International Airport Company, Ltd., H Shares (A)	52,789	35,058
Beijing Shunxin Agriculture Company, Ltd., Class A	1,700	11,097
Beijing Yuanliu Hongyuan Electronic Technology Company, Ltd., Class A	6,700	132,706
Bilibili, Inc., ADR (A)	4,800	584,832
BOE Technology Group Company, Ltd., Class A	75,300	72,694
BYD Company, Ltd., Class A	4,000	154,792
BYD Company, Ltd., H Shares	26,105	783,575
BYD Electronic International Company, Ltd. (B)	22,500	147,895
Cansino Biologics, Inc., Class A (A)	254	30,497
CanSino Biologics, Inc., H Shares (A)(C)	2,400	127,474
CGN Power Company, Ltd., H Shares (C)	317,000	70,598
Changchun High & New Technology Industry Group, Inc., Class A	800	47,864
China Aoyuan Group, Ltd.	64,000	54,051
China Bohai Bank Company, Ltd., H Shares (C)	83,000	28,731
China Cinda Asset Management Company, Ltd., H Shares	304,800	58,069
China CITIC Bank Corp., Ltd., H Shares	310,800	147,151
China Communications Services Corp., Ltd., H Shares	129,600	64,717
China Conch Venture Holdings, Ltd.	57,900	243,618
China Construction Bank Corp., Class A	15,400	15,849
China Construction Bank Corp., H Shares	3,209,914	2,518,831
China East Education Holdings, Ltd. (A)(C)	18,500	29,049
China Eastern Airlines Corp., Ltd., Class A	15,800	12,425
China Everbright Bank Company, Ltd., Class A (A)	88,600	51,826
China Everbright Bank Company, Ltd., H Shares	120,000	48,990
China Evergrande Group (B)	65,959	85,785
China Feihe, Ltd. (C)	39,000	84,085
China Fortune Land Development Company, Ltd., Class A	8,710	7,058
China Galaxy Securities Company, Ltd., H Shares	129,500	77,159
China Greatwall Technology Group Company, Ltd., Class A	6,500	14,665
China Hongqiao Group, Ltd.	57,000	77,184
China Huarong Asset Management Company, Ltd., H Shares (C)(E)	351,700	27,722
China Huishan Dairy Holdings Company, Ltd. (A)(E)	225,000	0
China International Capital Corp., Ltd., H Shares (C)	36,800	98,963
China Lesso Group Holdings, Ltd.	36,000	88,872
China Life Insurance Company, Ltd., Class A	4,500	23,576

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
China Life Insurance Company, Ltd., H Shares	248,624	\$ 492,927
China Literature, Ltd. (A)(C)	10,200	113,589
China Longyuan Power Group Corp., Ltd., H Shares	99,000	170,449
China Medical System Holdings, Ltd.	48,300	126,953
China Meidong Auto Holdings, Ltd.	18,000	98,061
China Merchants Bank Company, Ltd., Class A	45,900	384,708
China Merchants Bank Company, Ltd., H Shares	131,823	1,122,894
China Merchants Securities Company, Ltd., Class A	16,510	48,558
China Merchants Shekou Industrial Zone Holdings Company, Ltd., Class A	17,600	29,824
China Minsheng Banking Corp., Ltd., Class A	78,880	53,821
China Minsheng Banking Corp., Ltd., H Shares (B)	194,496	93,108
China Molybdenum Company, Ltd., Class A (A)	28,400	22,641
China Molybdenum Company, Ltd., H Shares	129,000	76,441
China National Building Material Company, Ltd., H Shares	138,000	162,045
China National Nuclear Power Company, Ltd., Class A	20,900	16,369
China Oilfield Services, Ltd., H Shares	56,000	50,167
China Pacific Insurance Group Company, Ltd., Class A	14,000	62,694
China Pacific Insurance Group Company, Ltd., H Shares	94,100	295,593
China Petroleum & Chemical Corp., Class A	56,700	38,278
China Petroleum & Chemical Corp., H Shares	819,361	416,448
China Railway Group, Ltd., Class A	30,000	24,325
China Railway Group, Ltd., H Shares	126,000	65,681
China Resources Pharmaceutical Group, Ltd. (C)	66,000	41,102
China Shenhua Energy Company, Ltd., Class A (A)	9,800	29,583
China Shenhua Energy Company, Ltd., H Shares	113,500	222,324
China Southern Airlines Company, Ltd., Class A (A)	13,800	12,861
China Southern Airlines Company, Ltd., H Shares (A)	64,000	39,721
China State Construction Engineering Corp., Ltd., Class A	93,340	67,165
China Tourism Group Duty Free Corp., Ltd., Class A	4,300	199,449
China Tower Corp., Ltd., H Shares (C)	1,496,000	206,005
China Vanke Company, Ltd., Class A	21,600	79,512
China Vanke Company, Ltd., H Shares	56,900	177,842
China Yangtze Power Company, Ltd., Class A	48,900	156,209
Chongqing Rural Commercial Bank Company, Ltd., H Shares	88,000	34,776
Chongqing Zhifei Biological Products Company, Ltd., Class A	3,100	89,447
CIFI Holdings Group Company, Ltd.	133,487	104,123
CITIC Securities Company, Ltd., Class A	21,900	84,462
CITIC Securities Company, Ltd., H Shares	75,500	189,177
CITIC, Ltd.	207,967	223,937

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Contemporary Amperex Technology Company, Ltd., Class A	4,900	\$ 404,239
COSCO SHIPPING Holdings Company, Ltd., H Shares (A)(B)	92,000	231,184
Country Garden Holdings Company, Ltd.	260,777	291,880
Country Garden Services Holdings Company, Ltd.	47,000	507,130
CSC Financial Company, Ltd., Class A (A)	6,200	30,118
CSPC Pharmaceutical Group, Ltd.	303,120	437,843
Dali Foods Group Company, Ltd. (C)	73,000	43,504
Daqo New Energy Corp., ADR (A)	2,500	162,550
Dongfeng Motor Group Company, Ltd., H Shares	91,220	81,882
East Money Information Company, Ltd., Class A	21,456	108,640
Ecovacs Robotics Company, Ltd., Class A	2,300	81,112
ENN Energy Holdings, Ltd.	26,600	505,553
Eve Energy Company, Ltd., Class A	4,181	67,132
Ever Sunshine Lifestyle Services Group, Ltd.	22,000	54,619
Everbright Securities Company, Ltd., Class A	8,700	24,080
Flat Glass Group Company, Ltd., H Shares (B)	23,000	94,721
Focus Media Information Technology Company, Ltd., Class A	32,700	47,548
Foshan Haitian Flavouring & Food Company, Ltd., Class A	7,800	155,484
Fosun International, Ltd.	85,000	122,169
Founder Securities Company, Ltd., Class A (A)	13,200	19,106
Foxconn Industrial Internet Company, Ltd., Class A (A)	6,400	12,285
Fuyao Glass Industry Group Company, Ltd., Class A	4,500	38,838
Fuyao Glass Industry Group Company, Ltd., H Shares (C)	16,800	118,271
GCL System Integration Technology Company, Ltd., Class A (A)	60,900	32,764
GDS Holdings, Ltd., ADR (A)	2,100	164,829
Gemdale Corp., Class A	7,300	11,572
Genscript Biotech Corp. (A)	28,000	122,134
GF Securities Company, Ltd., Class A	13,200	30,912
GF Securities Company, Ltd., H Shares	47,800	61,875
Gigadevice Semiconductor Beijing, Inc., Class A	1,372	39,837
GoerTek, Inc., Class A	5,200	34,354
GOME Retail Holdings, Ltd. (A)	386,127	49,541
Great Wall Motor Company, Ltd., H Shares	104,500	336,755
Greenland Holdings Corp., Ltd., Class A	13,100	11,052
Greentown China Holdings, Ltd.	29,000	44,746
Greentown Service Group Company, Ltd.	48,000	74,614
GSX Techedu, Inc., ADR (A)(B)	2,700	39,879
Guangdong Haid Group Company, Ltd., Class A (A)	3,500	44,159
Guangzhou Automobile Group Company, Ltd., H Shares	100,310	90,034
Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., Class A	2,300	12,047
Guangzhou R&F Properties Company, Ltd., H Shares	43,600	49,794
Guosen Securities Company, Ltd., Class A	6,600	10,974
Guotai Junan Securities Company, Ltd., Class A	16,700	44,274

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Haidilao International Holding, Ltd. (C)	26,000	\$ 136,908
Haier Smart Home Company, Ltd., Class A	13,600	54,542
Haier Smart Home Company, Ltd., H Shares (A)	65,400	228,088
Haitian International Holdings, Ltd.	21,000	70,326
Haitong Securities Company, Ltd., Class A	18,000	32,010
Haitong Securities Company, Ltd., H Shares	113,200	99,126
Hangzhou First Applied Material Company, Ltd., Class A	2,800	45,555
Hangzhou Silan Microelectronics Company, Ltd., Class A	34,200	297,910
Hangzhou Tigermed Consulting Company, Ltd., A Shares	1,700	50,750
Hangzhou Tigermed Consulting Company, Ltd., H Shares (C)	4,100	96,092
Hansoh Pharmaceutical Group Company, Ltd. (C)	40,000	174,786
Henan Shuanghui Investment & Development Company, Ltd., Class A	4,400	21,636
Hengan International Group Company, Ltd.	25,000	167,287
Hengli Petrochemical Company, Ltd., Class A	9,500	38,579
HengTen Networks Group, Ltd. (A)	156,000	124,659
Hithink RoyalFlush Information Network Company, Ltd., Class A	900	15,681
Hua Hong Semiconductor, Ltd. (A)(C)	17,000	93,852
Huadong Medicine Company, Ltd., Class A	2,800	19,890
Hualan Biological Engineering, Inc., Class A	4,030	22,858
Huaneng Power International, Inc., H Shares	149,436	58,449
Huatai Securities Company, Ltd., Class A	16,400	40,069
Huatai Securities Company, Ltd., H Shares (C)	48,800	71,583
Huaxia Bank Company, Ltd., Class A (A)	28,500	27,305
Huayu Automotive Systems Company, Ltd., Class A	5,100	20,731
Huazhu Group, Ltd., ADR (A)	4,700	248,207
Hundsun Technologies, Inc., Class A (A)	1,690	24,348
Iflytek Company, Ltd., Class A	9,600	100,248
I-Mab, ADR (A)	1,100	92,345
Industrial & Commercial Bank of China, Ltd., Class A	120,000	96,029
Industrial & Commercial Bank of China, Ltd., H Shares	2,051,735	1,202,356
Industrial Bank Company, Ltd., Class A	46,200	146,881
Industrial Securities Company, Ltd., Class A	14,900	22,254
Ingenic Semiconductor Company, Ltd., Class A	2,800	43,695
Inner Mongolia BaoTou Steel Union Company, Ltd., Class A (A)	48,800	11,702
Inner Mongolia Yili Industrial Group Company, Ltd., Class A	13,600	77,397
Innovent Biologics, Inc. (A)(C)	33,000	384,940
Inspur Electronic Information Industry Company, Ltd., Class A	3,248	14,119
iQIYI, Inc., ADR (A)	4,500	70,110
JA Solar Technology Company, Ltd., Class A (A)	24,100	182,432
JD Health International, Inc. (A)(C)	9,550	136,403
JD.com, Inc., ADR (A)	29,100	2,322,471



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Jiangsu Expressway Company, Ltd., H Shares	41,145	\$ 46,567
Jiangsu Hengli Hydraulic Company, Ltd., Class A	2,960	39,310
Jiangsu Hengrui Medicine Company, Ltd., Class A	14,198	149,153
Jiangsu King's Luck Brewery JSC, Ltd., Class A	2,800	23,462
Jiangsu Yanghe Brewery Joint-Stock Company, Ltd., Class A (A)	3,400	108,957
Jiangxi Copper Company, Ltd., H Shares	39,075	79,798
Jinxin Fertility Group, Ltd. (C)	44,000	110,899
Jiumaojiu International Holdings, Ltd. (C)	22,000	89,921
JOYY, Inc., ADR	2,000	131,940
Kaisa Group Holdings, Ltd. (A)	56,000	21,175
KE Holdings, Inc., ADR (A)	6,900	328,992
Kingdee International Software Group Company, Ltd. (A)	81,000	274,336
Kingsoft Corp., Ltd.	29,000	173,678
Kuaishou Technology (A)(C)	6,700	168,500
Kweichow Moutai Company, Ltd., Class A	2,500	795,209
KWG Group Holdings, Ltd.	45,000	60,182
Lenovo Group, Ltd.	257,436	295,640
Lens Technology Company, Ltd., Class A (A)	7,300	33,195
Lepu Medical Technology Beijing Company, Ltd., Class A	4,000	19,870
Li Auto, Inc., ADR (A)(B)	6,300	220,122
Li Ning Company, Ltd.	70,500	859,981
Lingyi iTech Guangdong Company, Class A	12,700	18,050
Logan Group Company, Ltd.	48,000	71,798
Longfor Group Holdings, Ltd. (C)	60,100	334,766
LONGi Green Energy Technology Company, Ltd., Class A	32,060	439,857
Lufax Holding, Ltd., ADR (A)(B)	5,800	65,540
Luxshare Precision Industry Company, Ltd., Class A (A)	15,495	110,259
Luzhou Laojiao Company, Ltd., Class A	3,300	120,269
Mango Excellent Media Company, Ltd., Class A	3,300	35,007
Maxscend Microelectronics Company, Ltd., Class A	900	74,784
Meinian Onehealth Healthcare Holdings Company, Ltd., Class A (A)	8,300	11,692
Meituan, Class B (A)(C)	120,300	4,962,515
Metallurgical Corp. of China, Ltd., A Shares	28,700	13,228
Microport Scientific Corp.	25,000	224,370
Ming Yuan Cloud Group Holdings, Ltd. (A)	13,000	64,343
Minth Group, Ltd.	26,000	123,308
Momo, Inc., ADR	5,200	79,612
Muyuan Foods Company, Ltd., Class A	9,282	87,299
NARI Technology Company, Ltd., Class A	12,360	44,426
NAURA Technology Group Company, Ltd., Class A (A)	3,200	137,195
NetEase, Inc., ADR	14,000	1,613,500
New China Life Insurance Company, Ltd., Class A	4,600	32,659
New China Life Insurance Company, Ltd., H Shares	29,500	100,588
New Hope Liuhe Company, Ltd., Class A (A)	6,800	15,431

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
New Oriental Education & Technology Group, Inc., ADR (A)	51,000	\$ 417,690
NIO, Inc., ADR (A)	42,100	2,239,720
Noah Holdings, Ltd., ADR (A)	1,000	47,200
Nongfu Spring Company, Ltd., H Shares (C)	10,000	50,128
Orient Securities Company, Ltd., Class A (A)	9,600	14,839
Perfect World Company, Ltd., Class A	4,350	16,076
PetroChina Company, Ltd., Class A	36,000	29,492
PetroChina Company, Ltd., H Shares	712,261	348,801
Pharmaron Beijing Company, Ltd., H Shares (C)	4,200	111,830
PICC Property & Casualty Company, Ltd., H Shares	252,363	220,749
Pinduoduo, Inc., ADR (A)	13,100	1,663,962
Ping An Bank Company, Ltd., Class A	38,200	133,701
Ping An Healthcare and Technology Company, Ltd. (A)(B)(C)	17,400	216,763
Ping An Insurance Group Company of China, Ltd., Class A	24,100	239,559
Ping An Insurance Group Company of China, Ltd., H Shares	198,790	1,943,251
Poly Developments and Holdings Group Company, Ltd., Class A (A)	26,500	49,363
Postal Savings Bank of China Company, Ltd., H Shares (C)	331,000	222,595
Power Construction Corp. of China, Ltd., Class A	20,500	12,272
Raytron Technology Company, Ltd., Class A	2,601	40,186
Rongsheng Petrochemical Company, Ltd., Class A	13,950	37,233
SAIC Motor Corp., Ltd., Class A (A)	17,300	58,781
Sanan Optoelectronics Company, Ltd., Class A	6,600	32,683
Sangfor Technologies, Inc., Class A	700	28,053
Sany Heavy Industry Company, Ltd., Class A	18,600	83,588
SDIC Capital Company, Ltd., Class A	11,856	15,568
SDIC Power Holdings Company, Ltd., Class A	10,900	16,209
Seazen Group, Ltd. (A)	64,000	60,525
Seazen Holdings Company, Ltd., Class A	5,000	32,140
SF Holding Company, Ltd., Class A	3,600	37,660
Shaanxi Coal Industry Company, Ltd., Class A	13,400	24,553
Shandong Gold Mining Company, Ltd., Class A	5,880	17,492
Shandong Gold Mining Company, Ltd., H Shares (B)(C)	21,500	38,009
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	80,000	186,607
Shanghai Fosun Pharmaceutical Group Company, Ltd., Class A	3,200	35,695
Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	17,500	141,249
Shanghai International Airport Company, Ltd., Class A	1,600	11,908
Shanghai International Port Group Company, Ltd., Class A	13,700	10,108
Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., B Shares	39,240	36,450
Shanghai M&G Stationery, Inc., Class A	2,000	26,139

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	31,100	\$ 67,920
Shanghai Pudong Development Bank Company, Ltd., Class A	65,300	101,001
Shanxi Xinghuacun Fen Wine Factory Company, Ltd., Class A	1,400	96,876
Shengyi Technology Company, Ltd., Class A	5,100	18,470
Shennan Circuits Company, Ltd., Class A	1,120	19,245
Shenwan Hongyuan Group Company, Ltd., Class A	36,200	26,202
Shenzhen Goodix Technology Company, Ltd., Class A	800	16,030
Shenzhen Inovance Technology Company, Ltd., Class A	5,550	63,648
Shenzhen Kangtai Biological Products Company, Ltd., Class A	1,400	32,225
Shenzhen Mindray Bio-Medical Electronics Company, Ltd., Class A	700	51,907
Shenzhen Overseas Chinese Town Company, Ltd., Class A	13,200	15,199
Shenzhen Sunway Communication Company, Ltd., Class A	2,200	10,499
Shenzhou International Group Holdings, Ltd.	27,000	681,825
Sichuan Chuantou Energy Company, Ltd., Class A	9,800	18,692
Silergy Corp.	2,000	271,447
Sinopharm Group Company, Ltd., H Shares	42,800	126,976
Sinotruk Hong Kong, Ltd.	24,500	52,503
Smoores International Holdings, Ltd. (C)	21,000	116,255
Songcheng Performance Development Company, Ltd., Class A	5,760	14,976
Spring Airlines Company, Ltd., Class A	2,000	17,607
Sunac China Holdings, Ltd.	87,000	298,327
Sungrow Power Supply Company, Ltd., Class A	9,100	161,680
Suning.com Company, Ltd., Class A (E)	20,700	17,908
Sunny Optical Technology Group Company, Ltd.	23,800	751,666
TAL Education Group, ADR (A)	12,800	322,944
TCL Technology Group Corp., Class A	21,800	25,785
Tencent Holdings, Ltd.	191,200	14,395,928
Tencent Music Entertainment Group, ADR (A)	12,400	191,952
The People's Insurance Company Group of China, Ltd., H Shares	265,000	88,361
Thunder Software Technology Company, Ltd., Class A	8,300	201,438
Tianjin Zhonghuan Semiconductor Company, Ltd., Class A	27,000	161,223
Tingyi Cayman Islands Holding Corp.	76,000	151,729
Tongcheng-Elong Holdings, Ltd. (A)	28,800	72,076
Tongwei Company, Ltd., Class A	6,200	41,442
Topsports International Holdings, Ltd. (C)	41,000	67,043
TravelSky Technology, Ltd., H Shares	31,000	66,792
Trip.com Group, Ltd., ADR (A)	16,000	567,360
Tsingtao Brewery Company, Ltd., H Shares	12,000	129,050
Unigroup Guoxin Microelectronics Company, Ltd., Class A	7,200	171,633
Uni-President China Holdings, Ltd.	46,000	50,754
Unisplendour Corp., Ltd., Class A	5,320	17,997
Vipshop Holdings, Ltd., ADR (A)	15,300	307,224

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Walvax Biotechnology Company, Ltd., Class A	3,400	\$ 32,433
Wanhua Chemical Group Company, Ltd., Class A	7,000	117,803
Want Want China Holdings, Ltd.	163,000	115,414
Weibo Corp., ADR (A)	1,890	99,452
Weichai Power Company, Ltd., Class A	9,600	26,509
Weichai Power Company, Ltd., H Shares	64,720	143,697
Weimob, Inc. (A)(B)(C)	53,000	116,957
Wens Foodstuffs Group Company, Ltd., Class A	14,160	31,477
Will Semiconductor Company, Ltd., Class A	3,100	154,127
Wuhu Sanqi Interactive Entertainment Network Technology Group Company, Ltd., Class A	4,700	17,474
Wuliangye Yibin Company, Ltd., Class A (A)	8,600	395,763
WUS Printed Circuit Kunshan Company, Ltd., Class A (A)	3,800	9,094
WuXi AppTec Company, Ltd., Class A	5,544	134,133
WuXi AppTec Company, Ltd., H Shares (C)	11,006	256,897
Wuxi Biologics Cayman, Inc. (A)(C)	111,000	2,032,443
Wuxi Shangji Automation Company, Ltd., Class A	1,100	30,441
Xiaomi Corp., Class B (A)(C)	416,400	1,448,203
Xinjiang Goldwind Science & Technology Company, Ltd., Class A	7,700	14,462
Xinjiang Goldwind Science & Technology Company, Ltd., H Shares (B)	22,200	34,686
Xinyi Solar Holdings, Ltd.	137,007	294,897
XPeng, Inc., ADR (A)	7,000	310,940
Yadea Group Holdings, Ltd. (C)	34,000	73,028
Yanzhou Coal Mining Company, Ltd., H Shares	49,990	67,131
Yihai International Holding, Ltd. (A)	16,000	107,457
Yonghui Superstores Company, Ltd., Class A (A)	10,200	7,462
Yonyou Network Technology Company, Ltd., Class A	5,200	26,738
Yum China Holdings, Inc.	12,700	841,375
Yunda Holding Company, Ltd., Class A (A)	3,120	6,531
Yunnan Baiyao Group Company, Ltd., Class A	2,800	50,107
Zai Lab, Ltd., ADR (A)	2,300	407,077
Zhangzhou Pientzheuang Pharmaceutical Company, Ltd., Class A	1,000	69,324
Zhaojin Mining Industry Company, Ltd., H Shares	37,500	35,661
Zhejiang Chint Electrics Company, Ltd., Class A	4,800	24,784
Zhejiang Dahua Technology Company, Ltd., Class A	4,800	15,663
Zhejiang Expressway Company, Ltd., H Shares	49,718	44,224
Zhejiang Jingsheng Mechanical & Electrical Company, Ltd., Class A (A)	30,300	236,522
Zhejiang Longsheng Group Company, Ltd., Class A	7,200	15,303
Zhejiang NHU Company, Ltd., Class A	5,760	25,538
Zhejiang Sanhua Intelligent Controls Company, Ltd., Class A	8,060	29,879
Zhejiang Supor Company, Ltd., Class A	1,200	11,838

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Zhenro Properties Group, Ltd.	51,000	\$ 28,490
ZhongAn Online P&C Insurance Company, Ltd., H Shares (A)(B)(C)	12,500	70,674
Zhongsheng Group Holdings, Ltd.	20,000	166,367
Zhuzhou CRRC Times Electric Company, Ltd., H Shares (A)	18,000	106,318
Zijin Mining Group Company, Ltd., Class A	27,800	41,586
Zijin Mining Group Company, Ltd., H Shares	193,469	259,614
Zoomlion Heavy Industry Science and Technology Company, Ltd., Class A	14,300	20,426
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	44,800	46,893
ZTE Corp., Class A	7,600	39,037
ZTE Corp., H Shares	25,887	80,785
ZTO Express Cayman, Inc., ADR	11,400	345,990
		96,139,550
<b>Colombia - 0.0%</b>		
Bancolombia SA, ADR	3,847	110,794
Ecopetrol SA, ADR	9,500	138,890
		249,684
<b>Czech Republic - 0.0%</b>		
CEZ AS	6,817	202,159
Komercni banka AS (A)	3,440	121,046
		323,205
<b>Denmark - 1.6%</b>		
A.P. Moller - Maersk A/S, Series A	107	297,631
A.P. Moller - Maersk A/S, Series B	207	595,934
Ambu A/S, Class B	5,684	218,709
Carlsberg A/S, Class B	3,581	668,272
Chr. Hansen Holding A/S	3,557	320,963
Coloplast A/S, B Shares	4,136	679,062
Danske Bank A/S	26,235	462,022
Demant A/S (A)	5,000	281,772
DSV Panalpina A/S	7,363	1,718,804
Genmab A/S (A)	2,265	928,068
GN Store Nord A/S	4,458	389,852
Novo Nordisk A/S, B Shares	58,071	4,861,045
Novozymes A/S, B Shares	7,019	529,581
Orsted A/S (C)	6,586	924,420
Pandora A/S	3,372	454,930
Rockwool International A/S, B Shares	272	132,470
Tryg A/S	9,749	239,462
Vestas Wind Systems A/S	34,230	1,337,435
		15,040,432
<b>Egypt - 0.0%</b>		
Commercial International Bank Egypt SAE (A)	51,581	172,646
<b>Finland - 0.8%</b>		
Elisa OYJ	5,862	349,818
Fortum OYJ	16,798	463,396
Kesko OYJ, B Shares	9,211	340,128
Kone OYJ, B Shares	11,833	965,739
Neste OYJ	14,709	902,278
Nokia OYJ (A)	140,582	753,203
Nokia OYJ (Euronext Paris Exchange) (A)(B)	56,247	300,956
Nordea Bank ABP	109,335	1,217,545
Nordea Bank ABP (London Stock Exchange)	1,569	17,491
Orion OYJ, Class B	3,379	145,278
Sampo OYJ, A Shares	15,885	730,463

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Finland (continued)</b>		
Stora Enso OYJ, R Shares	20,482	\$ 374,019
UPM-Kymmene OYJ	19,972	756,096
Wartsila OYJ ABP	15,222	226,155
		7,542,565
<b>France - 6.9%</b>		
Accor SA (A)	6,145	229,845
Aeroports de Paris (A)	1,190	155,332
Air Liquide SA	15,910	2,789,813
Airbus SE (A)	19,831	2,555,275
Alstom SA	8,418	425,325
Amundi SA (C)	2,415	213,000
Arkema SA	2,540	319,237
Atos SE	3,698	225,180
AXA SA	66,841	1,697,246
BioMerieux	1,432	166,385
BNP Paribas SA	37,933	2,380,656
Bollor SA	32,561	174,669
Bouygues SA	8,158	302,171
Bureau Veritas SA (A)	10,297	326,038
Capgemini SE (B)	5,409	1,040,222
Carrefour SA	20,604	405,474
Cie de Saint-Gobain	18,075	1,192,872
Cie Generale des Etablissements Michelin SCA	5,963	951,665
CNP Assurances	6,491	110,629
Covivio	2,169	185,682
Credit Agricole SA	41,519	582,078
Danone SA	21,340	1,501,371
Dassault Aviation SA	98	115,442
Dassault Systemes SE	4,566	1,108,148
Edenred	8,717	497,014
Eiffage SA	3,075	313,209
Electricite de France SA	23,423	320,100
Engie SA	63,119	865,522
EssilorLuxottica SA	9,828	1,815,554
Eurazeo SE	1,144	99,742
Faurecia SE	3,556	174,814
Faurecia SE (Borsa Italiana Exchange)	633	30,921
Gecina SA	1,814	277,925
Getlink SE	14,784	230,884
Hermes International	1,094	1,596,483
Iliad SA	497	72,820
Ipsen SA	1,496	155,669
Kering SA	2,546	2,230,845
Klepierre SA	8,046	207,295
La Francaise des Jeux SAEM (C)	2,992	175,982
Legrand SA	9,225	977,694
L'Oreal SA	8,487	3,790,234
LVMH Moet Hennessy Louis Vuitton SE	9,362	7,364,666
Natixis SA	35,715	169,675
Orange SA	68,945	786,853
Orpea SA	1,800	229,163
Pernod Ricard SA (B)	7,039	1,564,501
Publicis Groupe SA	7,306	467,547
Remy Cointreau SA	930	192,066
Renault SA (A)	7,048	285,708
Safran SA	11,283	1,565,884
Sanofi	38,211	4,014,538
Sartorius Stedim Biotech	961	454,831
Schneider Electric SE	17,545	2,765,867
Schneider Electric SE (Euronext London Exchange)	623	98,041
SCOR SE (B)	6,432	204,763
SEB SA	1,019	184,340
Societe Generale SA	27,239	805,766

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>France (continued)</b>		
Sodexo SA (A)	3,211	\$ 300,098
Suez SA (B)	11,179	265,964
Teleperformance	2,029	823,954
Thales SA	4,046	413,407
TotalEnergies SE	85,421	3,869,716
Ubisoft Entertainment SA (A)	3,042	212,537
Unibail-Rodamco-Westfield (Euronext Amsterdam Exchange) (A)	3,595	311,671
Unibail-Rodamco-Westfield, CHESS Depository Interest (A)	27,093	115,174
Valeo SA	7,694	232,077
Veolia Environnement SA	18,107	547,389
Vinci SA	17,915	1,915,071
Vivendi SE (B)	23,492	789,309
Wendel SE	1,176	158,254
Worldline SA (A)(C)	8,074	756,569
		64,851,861
<b>Germany - 5.4%</b>		
adidas AG	6,334	2,363,577
Allianz SE	13,687	3,415,678
BASF SE	30,975	2,445,154
Bayer AG	32,613	1,982,710
Bayerische Motoren Werke AG	11,166	1,183,767
Bechtle AG	921	171,177
Beiersdorf AG	3,796	458,199
Brenntag SE	5,855	544,938
Carl Zeiss Meditec AG, Bearer Shares	1,435	277,392
Commerzbank AG (A)	37,723	267,896
Continental AG	3,710	545,818
Covestro AG (C)	7,081	457,846
Daimler AG	28,412	2,538,852
Delivery Hero SE (A)(C)	5,213	688,772
Deutsche Bank AG (A)	68,610	894,514
Deutsche Boerse AG	6,408	1,118,490
Deutsche Lufthansa AG (A)(B)	9,922	111,579
Deutsche Post AG	32,906	2,241,049
Deutsche Telekom AG	112,403	2,377,319
Deutsche Wohnen SE	12,352	755,794
E.ON SE	78,119	903,810
Evonik Industries AG	6,743	226,385
Fresenius Medical Care AG & Company KGaA	7,798	647,983
Fresenius SE & Company KGaA	15,294	798,191
GEA Group AG	5,093	206,369
Hannover Rueck SE	2,322	388,721
HeidelbergCement AG	5,549	476,417
HelloFresh SE (A)	5,483	532,996
Henkel AG & Company KGaA	3,884	357,674
Infineon Technologies AG	43,352	1,743,755
KION Group AG	2,693	287,506
Knorr-Bremse AG	2,408	277,056
LANXESS AG	3,216	220,710
LEG Immobilien SE	2,555	367,809
Merck KGaA	4,441	852,120
MTU Aero Engines AG	1,791	444,067
Muenchener Rueckversicherungs-Gesellschaft AG	4,871	1,334,947
Nemetschek SE	2,010	153,858
Puma SE	3,505	418,324
Rational AG	173	156,734
RWE AG	21,604	783,299
SAP SE	35,216	4,946,420
Scout24 AG (C)	3,212	271,008
Siemens AG	25,395	4,032,178
Siemens Energy AG (A)	13,485	406,209

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Germany (continued)</b>		
Siemens Healthineers AG (C)	9,063	\$ 555,681
Symrise AG	4,417	615,538
TeamViewer AG (A)(C)	5,340	200,554
Telefonica Deutschland Holding AG	32,281	85,213
Uniper SE	7,281	268,256
United Internet AG	4,503	184,159
Volkswagen AG	1,264	415,432
Vonovia SE	19,142	1,237,059
Zalando SE (A)(C)	6,607	799,048
		50,436,007
<b>Greece - 0.1%</b>		
Eurobank Ergasias Services and Holdings SA (A)	85,715	86,517
FF Group (A)(E)	1,869	3,324
Hellenic Telecommunications Organization SA	8,503	142,797
JUMBO SA	5,651	95,180
OPAP SA	9,294	140,174
		467,992
<b>Hong Kong - 2.6%</b>		
AIA Group, Ltd.	404,000	5,011,854
Alibaba Health Information Technology, Ltd. (A)	134,000	296,823
Alibaba Pictures Group, Ltd. (A)	500,000	69,473
Beijing Enterprises Holdings, Ltd.	19,786	70,199
Beijing Enterprises Water Group, Ltd. (A)	198,000	75,018
BOC Hong Kong Holdings, Ltd.	132,328	448,501
Bosideng International Holdings, Ltd.	108,000	77,170
Brilliance China Automotive Holdings, Ltd.	108,000	67,284
Budweiser Brewing Company APAC, Ltd. (C)	57,500	181,053
China Common Rich Renewable Energy Investments, Ltd. (A)(E)	428,695	11,871
China Education Group Holdings, Ltd.	12,000	26,766
China Everbright Environment Group, Ltd.	117,851	66,785
China Everbright, Ltd.	32,216	37,877
China Gas Holdings, Ltd.	86,800	264,419
China Jinmao Holdings Group, Ltd.	224,000	74,948
China Mengniu Dairy Company, Ltd. (A)	93,004	561,861
China Merchants Port Holdings Company, Ltd.	47,564	69,465
China Overseas Land & Investment, Ltd.	127,882	289,988
China Overseas Property Holdings, Ltd.	45,000	48,138
China Power International Development, Ltd.	88,000	19,261
China Resources Beer Holdings Company, Ltd.	49,979	448,234
China Resources Cement Holdings, Ltd.	88,000	83,612
China Resources Gas Group, Ltd.	30,000	179,916
China Resources Land, Ltd.	110,964	448,162
China Resources Power Holdings Company, Ltd.	68,244	93,227
China State Construction International Holdings, Ltd.	71,250	48,579
China Taiping Insurance Holdings Company, Ltd.	60,500	100,574
China Traditional Chinese Medicine Holdings Company, Ltd. (A)	80,000	54,807
China Youzan, Ltd. (A)	464,000	88,310
Chow Tai Fook Jewellery Group, Ltd.	66,000	150,798
CK Asset Holdings, Ltd.	66,546	458,037
CK Hutchison Holdings, Ltd.	90,163	701,902
CK Infrastructure Holdings, Ltd.	24,772	147,565
CLP Holdings, Ltd.	54,900	542,568

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
COSCO SHIPPING Ports, Ltd.	61,511	\$ 48,026
ESR Cayman, Ltd. (A)(C)	66,000	222,535
Far East Horizon, Ltd.	66,000	69,060
Futu Holdings, Ltd., ADR (A)	1,700	304,453
Galaxy Entertainment Group, Ltd. (A)	72,000	575,719
Geely Automobile Holdings, Ltd.	196,000	615,589
Guangdong Investment, Ltd.	99,220	142,511
Hang Lung Properties, Ltd.	74,326	180,262
Hang Seng Bank, Ltd.	27,319	544,952
Henderson Land Development Company, Ltd.	55,324	261,807
HK Electric Investments & HK Electric Investments, Ltd.	88,500	89,680
HKT Trust & HKT, Ltd.	145,233	197,818
Hong Kong & China Gas Company, Ltd.	374,091	580,860
Hong Kong Exchanges & Clearing, Ltd.	40,214	2,393,931
Hongkong Land Holdings, Ltd.	44,100	210,023
Hopson Development Holdings, Ltd.	22,000	100,826
Hutchmed China, Ltd., ADR (A)	1,900	74,613
Jardine Matheson Holdings, Ltd. (B)	7,400	473,004
Kingboard Holdings, Ltd.	22,500	124,747
Kingboard Laminates Holdings, Ltd.	36,500	81,959
Kunlun Energy Company, Ltd.	118,000	108,629
Lee & Man Paper Manufacturing, Ltd.	56,000	42,623
Link REIT	69,137	668,924
Melco Resorts & Entertainment, Ltd., ADR (A)	7,185	119,055
MTR Corp., Ltd.	51,605	287,336
New World Development Company, Ltd.	57,618	298,804
Nine Dragons Paper Holdings, Ltd.	55,000	70,524
Power Assets Holdings, Ltd.	46,582	285,830
Shenzhen International Holdings, Ltd.	38,049	52,573
Shenzhen Investment, Ltd.	124,008	38,208
Shimao Group Holdings, Ltd.	41,500	101,663
Sino Biopharmaceutical, Ltd.	346,500	339,477
Sino Land Company, Ltd.	128,364	202,357
SJM Holdings, Ltd. (A)	83,000	90,601
SSY Group, Ltd.	54,000	48,191
Sun Art Retail Group, Ltd. (B)	86,000	64,040
Sun Hung Kai Properties, Ltd.	45,630	678,151
Swire Pacific, Ltd., Class A	18,163	123,065
Swire Properties, Ltd.	43,628	129,954
Techtronic Industries Company, Ltd.	47,500	827,781
The Bank of East Asia, Ltd.	59,561	110,607
The Wharf Holdings, Ltd.	51,876	197,870
Vinda International Holdings, Ltd.	12,000	36,945
WH Group, Ltd. (C)	319,803	287,056
Wharf Real Estate Investment Company, Ltd.	56,876	330,623
Xinyi Glass Holdings, Ltd.	62,000	252,616
Yuexiu Property Company, Ltd.	48,800	51,411
		24,452,334
<b>Hungary - 0.1%</b>		
MOL Hungarian Oil & Gas PLC (A)	12,392	98,605
OTP Bank NYRT (A)	7,225	388,934
Richter Gedeon NYRT	4,794	127,628
		615,167
<b>India - 2.9%</b>		
ACC, Ltd.	2,508	68,113
Adani Enterprises, Ltd. (A)	9,077	184,381
Adani Green Energy, Ltd. (A)	13,172	197,869
Adani Ports & Special Economic Zone, Ltd.	28,084	266,644
Adani Total Gas, Ltd.	9,077	124,799
Adani Transmission, Ltd. (A)	9,077	129,592

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Ambuja Cements, Ltd.	22,913	\$ 105,030
Apollo Hospitals Enterprise, Ltd.	3,055	148,786
Asian Paints, Ltd.	12,960	524,106
Aurobindo Pharma, Ltd.	9,153	118,968
Avenue Supermarts, Ltd. (A)(C)	4,471	201,661
Axis Bank, Ltd. (A)	80,176	809,447
Bajaj Auto, Ltd. (A)	2,923	163,005
Bajaj Finance, Ltd. (A)	9,135	740,085
Bajaj Finserv, Ltd. (A)	1,261	205,229
Balkrishna Industries, Ltd.	2,904	87,932
Berger Paints India, Ltd.	8,085	87,723
Bharat Forge, Ltd. (A)	9,316	95,552
Bharat Petroleum Corp., Ltd.	27,177	171,624
Bharti Airtel, Ltd.	81,745	581,485
Biocon, Ltd. (A)	14,021	76,296
Britannia Industries, Ltd.	3,618	177,957
Cholamandalam Investment and Finance Company, Ltd.	13,536	93,579
Cipla, Ltd. (A)	12,134	158,617
Coal India, Ltd.	24,417	48,125
Colgate-Palmolive India, Ltd.	4,075	92,523
Container Corp. of India, Ltd.	9,153	86,344
Dabur India, Ltd.	17,709	135,427
Divi's Laboratories, Ltd. (A)	4,431	262,744
DLF, Ltd.	20,605	78,085
Dr. Reddy's Laboratories, Ltd., ADR	3,359	246,920
Eicher Motors, Ltd. (A)	4,250	153,132
GAIL India, Ltd., GDR	9,954	117,656
Godrej Consumer Products, Ltd. (A)	11,997	140,634
Grasim Industries, Ltd.	10,574	213,661
Havells India, Ltd.	11,177	147,532
HCL Technologies, Ltd.	37,954	503,808
Hero MotoCorp., Ltd.	4,200	164,270
Hindalco Industries, Ltd.	41,886	210,453
Hindustan Petroleum Corp., Ltd.	20,412	80,712
Hindustan Unilever, Ltd.	27,452	915,144
Housing Development Finance Corp., Ltd.	57,256	1,912,704
ICICI Bank, Ltd.	82,343	701,632
ICICI Bank, Ltd., ADR (A)	47,107	805,530
ICICI Lombard General Insurance Company, Ltd. (C)	4,861	102,447
Indian Oil Corp., Ltd.	38,494	55,966
Indraprastha Gas, Ltd.	10,515	78,886
Indus Towers, Ltd.	15,904	51,281
Info Edge India, Ltd.	2,389	158,645
Infosys, Ltd., ADR	133,708	2,833,273
Ipca Laboratories, Ltd.	2,329	63,574
ITC, Ltd.	113,026	308,690
JSW Steel, Ltd.	33,031	305,238
Jubilant Foodworks, Ltd. (A)	2,527	105,008
Kotak Mahindra Bank, Ltd. (A)	18,671	428,934
Larsen & Toubro, Ltd.	23,240	469,673
Lupin, Ltd.	7,740	119,740
Mahindra & Mahindra, Ltd., GDR	23,120	241,924
Marico, Ltd.	14,917	106,655
Maruti Suzuki India, Ltd.	4,592	466,487
Motherhood Sumi Systems, Ltd. (A)	37,306	121,912
MRF, Ltd.	64	68,982
Muthoot Finance, Ltd.	4,018	79,983
Nestle India, Ltd.	1,140	271,944
NTPC, Ltd.	146,266	229,059
Oil & Natural Gas Corp., Ltd.	90,136	143,230
Page Industries, Ltd.	194	77,204
Petronet LNG, Ltd.	21,320	65,054
PI Industries, Ltd.	2,778	109,294

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Pidilite Industries, Ltd. (A)	4,359	\$ 126,439
Piramal Enterprises, Ltd.	3,012	98,071
Power Grid Corp. of India, Ltd.	55,842	174,821
REC, Ltd.	22,831	45,789
Reliance Capital, Ltd., GDR (A)(C)	4,327	1,397
Reliance Industries, Ltd.	7,646	217,564
Reliance Industries, Ltd., GDR (C)	44,280	2,504,967
Shree Cement, Ltd. (A)	276	102,601
Shriram Transport Finance Company, Ltd.	5,520	99,941
Siemens, Ltd.	2,378	64,837
State Bank of India, GDR	5,224	292,068
Sun Pharmaceutical Industries, Ltd.	29,344	266,403
Tata Consultancy Services, Ltd.	31,310	1,413,217
Tata Consumer Products, Ltd.	15,079	153,540
Tata Motors, Ltd., ADR (A)	8,581	195,475
Tata Steel, Ltd., GDR	11,000	169,632
Tech Mahindra, Ltd.	18,378	271,490
Titan Company, Ltd.	10,263	240,190
Torrent Pharmaceuticals, Ltd.	1,767	68,781
Trent, Ltd.	6,052	69,239
UltraTech Cement, Ltd.	2,054	187,293
UltraTech Cement, Ltd., GDR	1,026	93,531
United Spirits, Ltd. (A)	10,125	90,307
UPL, Ltd.	15,099	161,572
Vedanta, Ltd., ADR	13,934	197,863
Wipro, Ltd., ADR	30,298	236,627
Yes Bank, Ltd. (A)	334,558	61,264
		27,203,518
<b>Indonesia - 0.3%</b>		
Adaro Energy Tbk PT	315,000	26,218
Astra International Tbk PT	679,000	231,738
Bank Central Asia Tbk PT	360,900	750,565
Bank Mandiri Persero Tbk PT	715,674	291,778
Bank Negara Indonesia Persero Tbk PT	276,500	88,468
Bank Rakyat Indonesia Persero Tbk PT	1,930,000	524,758
Charoen Pokphand Indonesia Tbk PT	276,000	119,096
Gudang Garam Tbk PT (A)	26,000	79,318
Indah Kiat Pulp & Paper Tbk PT	97,300	50,076
Indocement Tunggal Prakarsa Tbk PT	53,500	38,047
Indofood CBP Sukses Makmur Tbk PT	114,400	64,332
Indofood Sukses Makmur Tbk PT	147,500	62,858
Kalbe Farma Tbk PT	855,000	82,658
Semen Indonesia Persero Tbk PT	111,000	72,835
Telkom Indonesia Persero Tbk PT	1,600,100	347,791
Telkom Indonesia Persero Tbk PT, ADR	358	7,758
Unilever Indonesia Tbk PT	332,500	113,547
United Tractors Tbk PT	55,279	77,338
		3,029,179
<b>Ireland - 0.7%</b>		
CRH PLC	27,337	1,382,465
DCC PLC	3,819	312,832
Experian PLC	31,530	1,217,345
Flutter Entertainment PLC (A)	5,220	950,030
James Hardie Industries PLC, CHESS Depositary Interest	15,679	532,022
Kerry Group PLC, Class A (London Stock Exchange)	5,738	796,628
Kingspan Group PLC	5,492	514,448
Smurfit Kappa Group PLC	8,017	436,164
		6,141,934
<b>Isle of Man - 0.1%</b>		
Entain PLC (A)	19,428	469,450
<b>Israel - 0.4%</b>		
Azrieli Group, Ltd.	1,424	100,337

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Israel (continued)</b>		
Bank Hapoalim BM (A)	40,928	\$ 328,595
Bank Leumi Le-Israel BM (A)	54,437	413,652
Check Point Software Technologies, Ltd. (A)	4,016	466,378
CyberArk Software, Ltd. (A)	1,300	169,351
Elbit Systems, Ltd.	787	101,953
ICL Group, Ltd.	27,153	184,246
Isracard, Ltd. (A)	1	2
Israel Discount Bank, Ltd., Class A (A)	41,515	197,771
Mizrahi Tefahot Bank, Ltd. (A)	5,543	170,750
Nice, Ltd. (A)	2,200	543,034
Teva Pharmaceutical Industries, Ltd. (A)	33,126	328,935
Teva Pharmaceutical Industries, Ltd., ADR (A)	5,800	57,420
Wix.com, Ltd. (A)	1,900	551,532
		3,613,956
<b>Italy - 1.3%</b>		
Amplifon SpA	4,199	207,614
Assicurazioni Generali SpA	37,206	746,972
Atlantia SpA (A)	19,839	360,236
Davide Campari-Milano NV	19,587	262,547
DiaSorin SpA	876	165,753
Enel SpA	277,869	2,582,196
Eni SpA	89,209	1,087,593
Ferrari NV	4,317	891,227
FinecoBank Banca Fineco SpA (A)	20,557	358,746
Infrastrutture Wireless Italiane SpA (C)	8,355	94,348
Intesa Sanpaolo SpA	577,542	1,597,673
Mediobanca Banca di Credito Finanziario SpA (A)	22,013	257,555
Moncler SpA	6,366	431,537
Nexi SpA (A)(C)	14,507	318,794
Poste Italiane SpA (C)	21,903	289,898
Prysmian SpA	8,366	300,222
Recordati Industria Chimica e Farmaceutica SpA	4,564	261,071
Snam SpA	68,229	394,687
Telecom Italia SpA	387,741	192,927
Telecom Italia SpA, Savings Shares	233,394	123,803
Terna SpA	47,449	353,859
UniCredit SpA	71,677	847,414
		12,126,672
<b>Japan - 14.3%</b>		
ABC-Mart, Inc.	1,400	80,522
Acom Company, Ltd.	18,200	79,413
Advantest Corp.	6,700	601,572
Aeon Company, Ltd.	22,700	609,376
AGC, Inc. (B)	6,500	272,288
Aisin Corp.	6,200	265,840
Ajinomoto Company, Inc.	16,300	423,468
ANA Holdings, Inc. (A)	4,100	96,359
Asahi Group Holdings, Ltd.	15,100	705,755
Asahi Intecc Company, Ltd.	7,000	167,360
Asahi Kasei Corp.	43,300	475,918
Astellas Pharma, Inc.	62,400	1,087,424
Azbil Corp.	4,200	174,034
Bandai Namco Holdings, Inc.	6,899	477,476
Bridgestone Corp. (B)	18,700	849,959
Brother Industries, Ltd.	8,700	173,769
Canon, Inc. (B)	33,800	763,947
Capcom Company, Ltd.	6,000	175,372
Casio Computer Company, Ltd.	6,700	112,424
Central Japan Railway Company	4,800	729,363
Chubu Electric Power Company, Inc.	22,000	269,162
Chugai Pharmaceutical Company, Ltd.	22,500	891,824

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Concordia Financial Group, Ltd.	39,100	\$ 143,684
Cosmos Pharmaceutical Corp.	300	44,079
CyberAgent, Inc.	14,400	308,406
Dai Nippon Printing Company, Ltd.	8,400	177,756
Daifuku Company, Ltd.	3,500	317,549
Dai-ichi Life Holdings, Inc.	37,400	688,131
Daiichi Sankyo Company, Ltd.	57,500	1,240,453
Daikin Industries, Ltd.	8,400	1,565,338
Daito Trust Construction Company, Ltd.	2,300	250,936
Daiwa House Industry Company, Ltd.	19,700	592,349
Daiwa House REIT Investment Corp.	78	229,528
Daiwa Securities Group, Inc.	54,400	298,851
Denso Corp.	15,000	1,022,873
Dentsu Group, Inc. (B)	7,500	269,083
Disco Corp.	1,000	304,049
East Japan Railway Company	10,400	741,666
Eisai Company, Ltd.	8,800	864,840
ENEOS Holdings, Inc.	109,211	457,682
FANUC Corp.	6,500	1,558,686
Fast Retailing Company, Ltd.	2,000	1,503,377
Fuji Electric Company, Ltd.	4,600	214,715
FUJIFILM Holdings Corp.	12,500	924,606
Fujitsu, Ltd.	6,800	1,272,273
GLP J-REIT	127	218,813
GMO Payment Gateway, Inc.	1,500	194,811
Hakuhodo DY Holdings, Inc.	9,300	144,844
Hamamatsu Photonics KK	4,800	289,148
Hankyu Hanshin Holdings, Inc.	8,400	259,290
Harmonic Drive Systems, Inc.	1,300	71,446
Hikari Tsushin, Inc.	800	140,597
Hino Motors, Ltd.	10,000	88,451
Hirose Electric Company, Ltd.	1,223	178,918
Hisamitsu Pharmaceutical Company, Inc.	2,000	98,749
Hitachi Construction Machinery Company, Ltd.	4,100	125,566
Hitachi Metals, Ltd. (A)	7,400	141,414
Hitachi, Ltd.	32,700	1,873,945
Honda Motor Company, Ltd.	55,100	1,772,195
Hoshizaki Corp.	1,900	161,410
Hoya Corp.	12,700	1,679,834
Hulic Company, Ltd.	10,700	120,202
Ibiden Company, Ltd.	3,600	193,765
Idemitsu Kosan Company, Ltd.	7,206	174,102
Iida Group Holdings Company, Ltd.	5,000	128,610
Inpex Corp.	36,700	274,677
Isuzu Motors, Ltd.	19,000	252,124
Ito En, Ltd.	1,900	112,765
ITOCHU Corp.	39,200	1,131,104
Itochu Techno-Solutions Corp.	3,400	105,182
Japan Airlines Company, Ltd. (A)	4,000	86,613
Japan Exchange Group, Inc.	18,100	403,195
Japan Metropolitan Fund Investment Corp.	186	201,619
Japan Post Bank Company, Ltd.	14,000	117,745
Japan Post Holdings Company, Ltd. (A)	54,300	446,006
Japan Post Insurance Company, Ltd.	8,300	153,576
Japan Real Estate Investment Corp.	47	288,650
Japan Tobacco, Inc. (B)	40,500	765,382
JFE Holdings, Inc.	18,300	214,694
JSR Corp.	6,500	197,451
Kajima Corp.	16,500	209,382
Kakaku.com, Inc.	5,000	150,421
Kansai Paint Company, Ltd.	5,900	150,604
Kao Corp.	16,300	1,005,059
KDDI Corp.	54,500	1,697,985
Keio Corp.	3,700	217,803

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Keisei Electric Railway Company, Ltd.	4,800	\$ 153,449
Keyence Corp.	6,396	3,221,175
Kikkoman Corp.	5,200	342,931
Kintetsu Group Holdings Company, Ltd. (A)	6,200	217,925
Kirin Holdings Company, Ltd.	27,800	542,540
Kobayashi Pharmaceutical Company, Ltd.	1,800	153,908
Kobe Bussan Company, Ltd.	4,200	132,327
Koei Tecmo Holdings Company, Ltd.	1,950	94,803
Koito Manufacturing Company, Ltd.	3,500	217,780
Komatsu, Ltd.	29,300	725,865
Konami Holdings Corp.	3,100	185,659
Kose Corp.	1,200	188,517
Kubota Corp. (B)	35,000	708,040
Kurita Water Industries, Ltd.	3,500	168,240
Kyocera Corp.	10,800	667,228
Kyowa Kirin Company, Ltd.	9,473	336,912
Lasertec Corp.	2,600	502,905
Lawson, Inc.	1,900	88,001
Lion Corp.	8,000	135,605
Lixil Corp.	9,000	232,896
M3, Inc.	14,900	1,085,589
Makita Corp.	7,800	367,279
Marubeni Corp.	57,400	499,865
Mazda Motor Corp. (A)	20,300	191,520
McDonald's Holdings Company Japan, Ltd.	2,600	114,573
Medipal Holdings Corp.	6,090	116,432
MEIJI Holdings Company, Ltd.	4,100	245,692
Mercari, Inc. (A)	3,000	158,590
MINEBEA MITSUMI, Inc.	12,500	330,267
MISUMI Group, Inc.	9,800	331,649
Mitsubishi Chemical Holdings Corp.	46,900	394,617
Mitsubishi Corp.	44,800	1,223,768
Mitsubishi Electric Corp.	63,000	914,586
Mitsubishi Estate Company, Ltd.	41,300	667,556
Mitsubishi Gas Chemical Company, Inc.	5,814	123,198
Mitsubishi HC Capital, Inc.	17,600	94,380
Mitsubishi Heavy Industries, Ltd.	11,700	345,410
Mitsubishi UFJ Financial Group, Inc.	412,200	2,220,216
Mitsui & Company, Ltd.	54,700	1,232,156
Mitsui Chemicals, Inc.	6,800	235,061
Mitsui Fudosan Company, Ltd.	31,400	726,083
Miura Company, Ltd.	3,100	134,611
Mizuho Financial Group, Inc.	83,210	1,192,608
MonotaRO Company, Ltd.	9,000	212,082
MS&AD Insurance Group Holdings, Inc.	15,500	448,139
Murata Manufacturing Company, Ltd.	19,400	1,477,793
Nabtesco Corp.	3,900	147,136
NEC Corp.	8,800	452,799
Nexon Company, Ltd.	16,800	373,876
NGK Insulators, Ltd.	9,000	151,468
NH Foods, Ltd.	3,119	121,243
Nidec Corp.	15,100	1,736,353
Nihon M&A Center, Inc.	10,400	269,364
Nintendo Company, Ltd.	3,800	2,198,957
Nippon Building Fund, Inc.	48	299,067
Nippon Express Company, Ltd.	2,500	190,637
Nippon Paint Holdings Company, Ltd.	24,500	331,439
Nippon Prologis REIT, Inc.	66	209,888
Nippon Sanso Holdings Corp.	4,600	94,429
Nippon Shinyaku Company, Ltd.	1,700	135,248
Nippon Steel Corp.	27,900	471,739
Nippon Telegraph & Telephone Corp.	43,200	1,129,472
Nippon Yusen KK	5,500	279,115

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Nissan Chemical Corp.	4,600	\$ 224,848
Nissan Motor Company, Ltd. (A)	77,800	387,575
Nisshin Seifun Group, Inc.	7,400	108,488
Nissin Foods Holdings Company, Ltd.	2,200	158,415
Nitori Holdings Company, Ltd.	2,800	494,472
Nitto Denko Corp.	5,400	402,140
Nomura Holdings, Inc.	109,800	558,826
Nomura Real Estate Holdings, Inc.	4,500	113,980
Nomura Real Estate Master Fund, Inc.	151	241,666
Nomura Research Institute, Ltd.	11,146	368,115
NSK, Ltd.	13,215	111,778
NTT Data Corp.	22,500	351,243
Obayashi Corp.	22,500	179,387
Obic Company, Ltd.	2,200	409,154
Odakyu Electric Railway Company, Ltd.	10,900	275,702
Oji Holdings Corp.	30,000	172,402
Olympus Corp.	39,100	777,736
Omron Corp.	6,200	490,897
Ono Pharmaceutical Company, Ltd.	12,500	278,752
Oracle Corp. Japan	1,500	114,613
Oriental Land Company, Ltd.	6,900	983,013
ORIX Corp.	45,600	770,713
Orix JREIT, Inc.	97	186,212
Osaka Gas Company, Ltd.	13,800	257,493
Otsuka Corp.	3,800	199,197
Otsuka Holdings Company, Ltd. (B)	13,600	564,699
Pan Pacific International Holdings Corp.	15,000	311,925
Panasonic Corp.	74,000	852,075
PeptiDream, Inc. (A)	3,300	161,274
Persol Holdings Company, Ltd.	6,200	122,428
Pigeon Corp.	4,100	115,636
Pola Orbis Holdings, Inc.	3,200	84,377
Rakuten Group, Inc.	29,700	335,347
Recruit Holdings Company, Ltd.	44,800	2,196,938
Renesas Electronics Corp. (A)	26,200	282,760
Resona Holdings, Inc.	78,000	300,741
Ricoh Company, Ltd.	24,000	270,145
Rinnai Corp.	1,200	114,219
Rohm Company, Ltd.	3,000	276,083
Ryohin Keikaku Company, Ltd.	9,000	188,803
Santen Pharmaceutical Company, Ltd.	12,500	172,520
SBI Holdings, Inc.	8,213	193,997
SCSK Corp.	1,800	107,251
Secom Company, Ltd.	7,300	556,410
Seiko Epson Corp.	9,600	168,749
Sekisui Chemical Company, Ltd.	13,400	229,435
Sekisui House, Ltd.	21,400	439,444
Seven & i Holdings Company, Ltd.	26,000	1,245,422
SG Holdings Company, Ltd.	10,200	267,844
Sharp Corp.	7,400	122,083
Shimadzu Corp.	8,000	309,126
Shimano, Inc. (B)	2,600	618,602
Shimizu Corp.	21,600	165,996
Shin-Etsu Chemical Company, Ltd.	11,900	1,990,402
Shionogi & Company, Ltd.	9,200	479,467
Shiseido Company, Ltd.	13,500	995,743
SMC Corp.	1,900	1,124,030
SoftBank Corp.	97,600	1,276,119
SoftBank Group Corp.	41,400	2,887,311
Sohgo Security Services Company, Ltd.	2,900	132,126
Sompo Holdings, Inc.	11,600	429,644
Sony Group Corp.	42,500	4,121,109
Square Enix Holdings Company, Ltd.	3,400	167,909
Stanley Electric Company, Ltd.	5,300	153,124
Subaru Corp.	21,200	420,173

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
SUMCO Corp.	8,200	\$ 200,868
Sumitomo Chemical Company, Ltd.	56,000	297,633
Sumitomo Corp.	41,300	553,769
Sumitomo Dainippon Pharma Company, Ltd.	5,300	111,163
Sumitomo Electric Industries, Ltd.	26,200	386,972
Sumitomo Metal Mining Company, Ltd.	7,800	303,348
Sumitomo Mitsui Financial Group, Inc.	44,100	1,520,214
Sumitomo Mitsui Trust Holdings, Inc.	11,000	350,902
Sumitomo Realty & Development Company, Ltd.	10,700	382,683
Suntory Beverage & Food, Ltd. (B)	5,000	188,462
Suzuki Motor Corp.	12,800	542,459
System Corp.	5,800	688,081
T&D Holdings, Inc.	19,900	258,240
Taisei Corp.	6,600	216,615
Taisho Pharmaceutical Holdings Company, Ltd.	1,200	64,239
Takeda Pharmaceutical Company, Ltd.	52,876	1,774,549
TDK Corp.	4,500	544,746
Terumo Corp.	22,300	903,205
The Chiba Bank, Ltd.	21,600	130,550
The Kansai Electric Power Company, Inc.	24,300	231,866
The Shizuoka Bank, Ltd.	17,000	131,923
THK Company, Ltd.	4,200	125,339
TIS, Inc.	7,800	199,066
Tobu Railway Company, Ltd.	6,800	176,012
Toho Company, Ltd.	4,067	167,690
Toho Gas Company, Ltd.	2,800	137,463
Tohoku Electric Power Company, Inc.	16,600	130,151
Tokio Marine Holdings, Inc.	21,200	976,478
Tokyo Century Corp.	1,500	80,646
Tokyo Electric Power Company Holdings, Inc. (A)	50,400	150,080
Tokyo Electron, Ltd.	5,000	2,161,922
Tokyo Gas Company, Ltd.	13,900	262,177
Tokyu Corp.	17,900	243,620
TOPPAN, Inc.	10,300	165,643
Toray Industries, Inc.	50,800	338,631
Toshiba Corp.	13,400	578,894
Tosoh Corp.	9,300	160,358
TOTO, Ltd.	4,800	248,704
Toyo Suisan Kaisha, Ltd.	3,100	119,482
Toyota Industries Corp.	5,200	449,671
Toyota Motor Corp.	71,480	6,248,360
Toyota Tsusho Corp.	7,900	374,964
Trend Micro, Inc.	4,600	240,872
Tsuruha Holdings, Inc.	1,300	151,301
Unicharm Corp.	14,000	563,924
United Urban Investment Corp.	114	164,650
USS Company, Ltd.	7,770	135,823
Welcia Holdings Company, Ltd.	3,400	111,175
West Japan Railway Company	6,000	342,870
Yakult Honsha Company, Ltd.	4,243	240,249
Yamada Holdings Company, Ltd.	22,400	103,580
Yamaha Corp.	4,700	255,151
Yamaha Motor Company, Ltd.	10,100	274,338
Yamato Holdings Company, Ltd.	11,000	312,554
Yaskawa Electric Corp.	8,300	405,333
Yokogawa Electric Corp.	7,886	117,939
Z Holdings Corp.	88,900	444,897
ZOZO, Inc.	2,800	94,936
		134,210,071
<b>Jordan - 0.0%</b>		
Hikma Pharmaceuticals PLC	5,739	194,218



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Luxembourg - 0.2%</b>		
ArcelorMittal SA	24,275	\$ 747,354
Aroundtown SA	37,519	292,731
Eurofins Scientific SE	4,300	491,827
Reinet Investments SCA	5,229	102,450
Tenaris SA	16,418	179,617
		1,813,979
<b>Macau - 0.0%</b>		
Sands China, Ltd. (A)	81,200	341,784
Wynn Macau, Ltd. (A)	61,415	96,600
		438,384
<b>Malaysia - 0.4%</b>		
AMMB Holdings BHD	59,087	42,001
Axiata Group BHD	101,690	91,691
CIMB Group Holdings BHD	190,691	211,899
Dialog Group BHD	166,000	115,620
DiGi.Com BHD	110,800	110,280
Genting BHD	72,900	86,601
Genting Malaysia BHD	105,700	70,558
HAP Seng Consolidated BHD	30,200	56,783
Hartalega Holdings BHD	60,200	106,618
Hong Leong Bank BHD	23,269	104,961
Hong Leong Financial Group BHD	6,104	26,196
IHH Healthcare BHD	108,100	142,508
IOI Corp. BHD	114,466	103,692
Kuala Lumpur Kepong BHD	17,415	85,409
Malayan Banking BHD	127,999	250,101
Malaysia Airports Holdings BHD (A)	34,427	49,789
Maxis BHD	67,200	71,082
MISC BHD	26,280	42,952
Nestle Malaysia BHD	2,800	89,937
Petronas Chemicals Group BHD	99,800	193,891
Petronas Dagangan BHD	12,200	54,686
Petronas Gas BHD	21,200	79,163
PPB Group BHD	21,240	93,646
Press Metal Aluminium Holdings BHD	120,800	139,156
Public Bank BHD	486,890	482,071
RHB Bank BHD	29,167	37,952
Sime Darby BHD	108,224	56,834
Sime Darby Plantation BHD	108,786	104,356
Supermax Corp. BHD	53,155	42,251
Telekom Malaysia BHD	42,705	62,464
Tenaga Nasional BHD	101,250	238,853
Top Glove Corp. BHD	164,400	165,057
		3,609,058
<b>Mexico - 0.5%</b>		
America Movil SAB de CV, Series L	1,136,332	855,071
Arca Continental SAB de CV	16,000	92,594
Cemex SAB de CV, Series CPO (A)	521,849	439,281
Coca-Cola Femsa SAB de CV	15,212	80,509
Fibra Uno Administracion SA de CV	90,200	97,286
Fomento Economico Mexicano SAB de CV	65,020	549,966
Gruma SAB de CV, Class B	7,685	86,380
Grupo Aeroportuario del Pacifico SAB de CV, B Shares (A)	9,700	103,851
Grupo Aeroportuario del Sureste SAB de CV, B Shares	5,780	106,417
Grupo Bimbo SAB de CV, Series A	53,084	116,905
Grupo Carso SAB de CV, Series A1	9,477	29,505
Grupo Financiero Banorte SAB de CV, Series O	86,662	558,038
Grupo Financiero Inbursa SAB de CV, Series O (A)	77,038	75,902
Grupo Mexico SAB de CV, Series B	104,066	490,521

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Mexico (continued)</b>		
Grupo Televisa SAB, Series CPO	80,326	\$ 229,526
Industrias Penoles SAB de CV (A)	4,883	67,606
Kimberly-Clark de Mexico SAB de CV, Class A	43,778	77,766
Orbia Advance Corp. SAB de CV	37,631	98,372
Promotora y Operadora de Infraestructura SAB de CV	5,800	46,312
Wal-Mart de Mexico SAB de CV	174,988	571,560
		4,773,368
<b>Netherlands - 3.5%</b>		
ABN AMRO Bank NV (A)(C)	15,368	186,219
Adyen NV (A)(C)	655	1,606,273
Aegon NV	75,157	312,586
Akzo Nobel NV	6,657	824,274
Argenx SE (A)	1,553	468,563
ASM International NV	1,660	547,512
ASML Holding NV	13,926	9,613,363
EXOR NV	3,992	320,371
Heineken Holding NV	4,217	425,531
Heineken NV	9,090	1,103,519
ING Groep NV	132,675	1,761,171
JDE Peet's NV (A)	3,077	111,685
Just Eat Takeaway.com NV (A)(C)	5,955	550,739
Koninklijke Ahold Delhaize NV	37,735	1,123,729
Koninklijke DSM NV (B)	6,202	1,159,356
Koninklijke KPN NV	126,323	395,094
Koninklijke Philips NV (B)	31,501	1,563,523
Koninklijke Vopak NV	2,830	128,645
NN Group NV (B)	10,792	509,806
Prosus NV (A)	16,548	1,621,164
QIAGEN NV (A)	8,350	403,626
Randstad NV	4,395	336,921
Royal Dutch Shell PLC, A Shares	138,310	2,772,818
Royal Dutch Shell PLC, B Shares	124,526	2,417,395
Stellantis NV	37,161	731,081
Stellantis NV (Euronext Paris Exchange)	34,423	676,988
Wolters Kluwer NV	9,296	934,375
		32,606,327
<b>New Zealand - 0.2%</b>		
a2 Milk Company, Ltd. (A)	26,028	117,114
Auckland International Airport, Ltd. (A)	36,599	185,935
Fisher & Paykel Healthcare Corp., Ltd.	19,921	433,368
Mercury NZ, Ltd.	22,971	107,054
Meridian Energy, Ltd.	43,320	161,517
Ryman Healthcare, Ltd.	12,940	118,745
Spark New Zealand, Ltd.	67,539	226,707
Xero, Ltd. (A)	4,384	450,938
		1,801,378
<b>Norway - 0.4%</b>		
Adevinta ASA (A)	8,335	159,890
DNB ASA	35,015	763,125
Equinor ASA	35,722	756,182
Gjensidige Forsikring ASA	6,934	152,884
Mowi ASA	14,928	380,060
Norsk Hydro ASA	48,185	307,632
Orkla ASA	29,206	297,643
Schibsted ASA, B Shares	3,512	145,987
Schibsted ASA, Class A	2,550	123,015
Telenor ASA	26,898	453,636
Yara International ASA	6,981	367,859
		3,907,913
<b>Peru - 0.1%</b>		
Cia de Minas Buenaventura SAA, ADR (A)	8,064	72,979

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Peru (continued)</b>		
Credicorp, Ltd. (A)	2,434	\$ 294,782
Southern Copper Corp.	2,874	184,856
		552,617
<b>Philippines - 0.2%</b>		
Aboitiz Equity Ventures, Inc.	85,070	73,531
Ayala Corp.	8,920	146,209
Ayala Land, Inc.	253,800	187,611
Bank of the Philippine Islands	34,118	61,952
BDO Unibank, Inc.	77,140	178,854
Globe Telecom, Inc.	970	36,547
GT Capital Holdings, Inc.	3,464	43,089
International Container Terminal Services, Inc.	33,760	113,172
JG Summit Holdings, Inc.	89,355	113,816
Jollibee Foods Corp.	18,900	82,710
Manila Electric Company	8,090	45,936
Metro Pacific Investments Corp.	509,100	40,551
Metropolitan Bank & Trust Company	65,642	65,477
PLDT, Inc.	3,730	98,598
SM Investments Corp.	8,302	170,105
SM Prime Holdings, Inc.	311,044	232,586
Universal Robina Corp.	30,280	89,654
		1,780,398
<b>Poland - 0.2%</b>		
Allegro.eu SA (A)(C)	8,627	148,211
Bank Polska Kasa Opieki SA (A)	5,522	134,754
CD Projekt SA	2,349	114,118
Cyfrowy Polsat SA	6,360	49,963
Dino Polska SA (A)(C)	1,719	126,274
InPost SA (A)	6,603	132,873
KGHM Polska Miedz SA	5,681	279,522
LPP SA (A)	42	141,709
Orange Polska SA (A)	26,179	46,071
PGE Polska Grupa Energetyczna SA (A)	26,654	65,786
Polski Koncern Naftowy ORLEN SA	11,432	230,486
Polskie Gornictwo Naftowe i Gazownictwo SA	62,946	110,142
Powszechna Kasa Oszczednosci Bank Polski SA (A)	32,873	326,151
Powszechny Zaklad Ubezpiezen SA (A)	23,000	221,483
Santander Bank Polska SA (A)	1,219	81,375
		2,208,918
<b>Portugal - 0.1%</b>		
EDP - Energias de Portugal SA	91,820	487,235
Galp Energia SGPS SA	18,673	203,025
Jeronimo Martins SGPS SA	7,332	133,791
		824,051
<b>Romania - 0.0%</b>		
NEPI Rockcastle PLC	15,018	106,424
<b>Russia - 0.9%</b>		
Gazprom PJSC, ADR	251,662	1,922,698
Gazprom PJSC, ADR (London Stock Exchange)	3,680	28,092
LUKOIL PJSC, ADR	23,756	2,185,552
MMC Norilsk Nickel PJSC, ADR	39,185	1,329,155
Mobile TeleSystems PJSC, ADR	20,264	187,645
Novatek PJSC, GDR	3,057	670,810
Rosneft Oil Company PJSC, GDR	30,000	232,678
Rosneft Oil Company PJSC, GDR (London Stock Exchange)	9,131	70,819
Sberbank of Russia PJSC, ADR	40,000	667,600
Sberbank of Russia PJSC, ADR (London Stock Exchange)	34,900	580,050

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Russia (continued)</b>		
Severstal PAO, GDR	4,250	\$ 91,471
Surgutneftegas PJSC, ADR	22,274	138,544
Surgutneftegas PJSC, ADR (London Stock Exchange)	23,070	114,595
Tatneft PJSC, ADR	7,986	339,804
VTB Bank PJSC, GDR	50,760	67,565
		8,627,078
<b>Saudi Arabia - 0.8%</b>		
Advanced Petrochemical Company	3,771	72,765
Al Rajhi Bank	43,550	1,289,672
Alinma Bank	34,699	194,757
Almarai Company JSC	8,852	149,680
Arab National Bank	21,244	128,624
Bank AlBilad (A)	13,065	127,926
Bank Al-Jazira (A)	14,284	70,527
Banque Saudi Fransi	19,205	196,671
Bupa Arabia for Cooperative Insurance Company	981	32,502
Dar Al Arkan Real Estate Development Company (A)	18,814	53,082
Emaar Economic City (A)	13,598	46,402
Ethiad Etisalat Company	13,413	118,605
Jarir Marketing Company	2,090	117,651
National Industrialization Company (A)	11,652	60,073
Rabigh Refining & Petrochemical Company (A)	7,786	48,847
Riyad Bank	42,488	300,262
SABIC Agri-Nutrients Company	5,901	188,064
Sahara International Petrochemical Company	12,775	104,465
Saudi Arabian Mining Company (A)	15,250	257,368
Saudi Arabian Oil Company (C)	76,487	715,959
Saudi Basic Industries Corp.	26,663	866,810
Saudi Cement Company	2,665	45,192
Saudi Electricity Company	29,505	189,987
Saudi Industrial Investment Group	7,839	73,246
Saudi Kayan Petrochemical Company (A)	26,130	125,935
Saudi Telecom Company	20,888	733,345
The Company for Cooperative Insurance	2,178	48,094
The Saudi British Bank (A)	25,464	214,048
The Saudi National Bank	68,407	1,050,728
The Savola Group	9,302	107,078
Yanbu National Petrochemical Company	7,999	154,998
		7,883,363
<b>Singapore - 0.7%</b>		
Ascendas Real Estate Investment Trust	117,802	258,872
BOC Aviation, Ltd. (C)	7,400	62,429
Capitaland Integrated Commercial Trust	150,007	233,549
Capitaland, Ltd.	93,902	259,379
City Developments, Ltd.	16,600	90,148
DBS Group Holdings, Ltd.	61,754	1,373,860
Genting Singapore, Ltd.	226,200	140,893
Keppel Corp., Ltd.	55,069	224,561
Mapletree Commercial Trust	74,500	119,836
Mapletree Logistics Trust	94,359	144,249
Oversea-Chinese Banking Corp., Ltd.	113,002	1,007,045
Sea, Ltd., ADR (A)	500	137,300
Singapore Airlines, Ltd. (A)	57,850	208,615
Singapore Exchange, Ltd.	28,000	233,208
Singapore Technologies Engineering, Ltd.	54,000	155,813
Singapore Telecommunications, Ltd.	294,940	502,278
United Overseas Bank, Ltd.	40,908	787,782
UOL Group, Ltd.	20,239	110,066
Venture Corp., Ltd.	9,700	138,768

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Singapore (continued)</b>		
Wilmar International, Ltd.	72,000	\$ 241,398
		6,430,049
<b>South Africa - 1.1%</b>		
Absa Group, Ltd. (A)	25,092	238,347
Anglo American Platinum, Ltd.	1,548	178,783
AngloGold Ashanti, Ltd.	14,430	267,843
Aspen Pharmacare Holdings, Ltd. (A)	13,036	147,758
Bid Corp., Ltd. (A)	11,078	240,235
Capitec Bank Holdings, Ltd.	2,672	314,972
Clicks Group, Ltd.	8,355	143,916
Discovery, Ltd. (A)	13,271	117,014
Exxaro Resources, Ltd.	8,997	106,174
FirstRand, Ltd.	160,204	601,066
Gold Fields, Ltd.	29,492	262,999
Growthpoint Properties, Ltd.	109,582	114,325
Harmony Gold Mining Company, Ltd.	18,873	69,557
Impala Platinum Holdings, Ltd.	26,847	441,567
Kumba Iron Ore, Ltd.	2,164	96,702
Mr. Price Group, Ltd.	8,969	131,708
MTN Group, Ltd. (A)	59,164	427,436
MultiChoice Group	15,717	128,806
Naspers, Ltd., N Shares	14,633	3,085,324
Nedbank Group, Ltd. (A)	13,031	155,890
Northam Platinum, Ltd. (A)	12,034	181,782
Old Mutual, Ltd. (B)	182,601	171,267
Rand Merchant Investment Holdings, Ltd.	25,734	56,499
Remgro, Ltd.	17,781	142,845
Sanlam, Ltd.	59,860	257,388
Sasol, Ltd. (A)	19,396	295,481
Shoprite Holdings, Ltd.	16,492	179,446
Sibanye Stillwater, Ltd.	76,425	318,492
Standard Bank Group, Ltd.	43,543	388,866
The Bidvest Group, Ltd.	9,718	129,803
The SPAR Group, Ltd.	5,706	72,306
Tiger Brands, Ltd.	5,421	79,276
Vodacom Group, Ltd.	19,298	173,930
Woolworths Holdings, Ltd. (A)	33,746	127,582
		9,845,385
<b>South Korea - 3.6%</b>		
Alteogen, Inc. (A)	591	43,903
Amorepacific Corp.	975	218,136
AMOREPACIFIC Group	770	43,786
BGF retail Company, Ltd.	90	14,354
Celltrion Healthcare Company, Ltd. (A)	1,543	158,562
Celltrion Pharm, Inc. (A)	553	77,169
Celltrion, Inc. (A)	3,111	741,460
Cheil Worldwide, Inc.	1,346	30,043
CJ CheilJedang Corp.	210	85,959
CJ Corp.	456	43,286
CJ ENM Company, Ltd.	178	28,864
CJ Logistics Corp. (A)	312	48,996
Coway Company, Ltd.	1,211	84,500
DB Insurance Company, Ltd.	1,122	54,638
Doosan Bobcat, Inc. (A)	1,103	47,052
Doosan Heavy Industries & Construction Company, Ltd. (A)	6,498	137,241
E-MART, Inc.	496	70,408
Fila Holdings Corp.	1,052	54,355
GS Engineering & Construction Corp.	1,468	55,894
GS Holdings Corp.	1,749	71,911
Hana Financial Group, Inc.	9,428	386,373
Hankook Tire & Technology Company, Ltd.	1,937	88,878
Hanmi Pharm Company, Ltd.	145	43,056
Hanon Systems	4,656	68,403

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Hanwha Solutions Corp. (A)	3,439	\$ 135,819
HLB, Inc. (A)	2,702	80,029
HMM Company, Ltd. (A)(B)	8,540	332,934
Hotel Shilla Company, Ltd.	1,060	91,281
Hyundai Engineering & Construction Company, Ltd.	2,649	137,129
Hyundai Glovis Company, Ltd.	539	100,007
Hyundai Heavy Industries Holdings Company, Ltd.	1,555	97,791
Hyundai Mobis Company, Ltd.	2,223	576,493
Hyundai Motor Company	4,857	1,033,478
Hyundai Steel Company	2,875	137,255
Industrial Bank of Korea	5,941	55,456
Kakao Corp.	8,960	1,297,789
Kangwon Land, Inc. (A)	3,612	86,232
KB Financial Group, Inc.	12,769	633,726
KB Financial Group, Inc., ADR	430	21,199
Kia Corp.	8,435	672,209
Korea Aerospace Industries, Ltd.	1,710	50,015
Korea Electric Power Corp.	6,370	140,595
Korea Electric Power Corp., ADR	4,277	46,192
Korea Investment Holdings Company, Ltd.	1,170	107,040
Korea Shipbuilding & Offshore Engineering Company, Ltd. (A)	1,127	134,045
Korea Zinc Company, Ltd.	225	86,282
Korean Air Lines Company, Ltd. (A)	4,016	112,327
KT&G Corp.	3,571	267,619
Kumho Petrochemical Company, Ltd.	614	119,630
LG Chem, Ltd.	1,500	1,132,635
LG Corp.	2,922	265,843
LG Display Company, Ltd. (A)(B)	5,471	118,930
LG Display Company, Ltd., ADR (A)(B)	2,417	25,838
LG Electronics, Inc.	3,460	500,954
LG Household & Health Care, Ltd.	295	461,415
LG Innotek Company, Ltd.	344	68,032
LG Uplus Corp.	3,050	41,584
Lotte Chemical Corp.	562	130,971
Lotte Shopping Company, Ltd.	366	37,518
Meritz Securities Company, Ltd.	3,655	15,374
Mirae Asset Securities Company, Ltd.	7,084	59,324
NAVER Corp.	4,029	1,495,036
NCSOFT Corp.	550	400,192
Netmarble Corp. (C)	515	61,229
NH Investment & Securities Company, Ltd.	3,944	45,174
Orion Corp.	569	59,878
Pan Ocean Company, Ltd.	9,148	69,363
Pearl Abyss Corp. (A)	1,020	68,451
POSCO	2,396	740,483
POSCO Chemical Company, Ltd.	883	112,746
S-1 Corp.	252	18,320
Samsung Biologics Company, Ltd. (A)(C)	550	409,802
Samsung C&T Corp.	2,732	330,867
Samsung Electro-Mechanics Company, Ltd.	1,863	292,151
Samsung Electronics Company, Ltd.	158,644	11,356,714
Samsung Engineering Company, Ltd. (A)	3,731	79,088
Samsung Fire & Marine Insurance Company, Ltd.	895	175,296
Samsung Heavy Industries Company, Ltd. (A)	15,521	92,399
Samsung Life Insurance Company, Ltd.	2,349	166,677
Samsung SDI Company, Ltd.	1,792	1,109,495
Samsung SDS Company, Ltd.	1,018	167,193
Samsung Securities Company, Ltd.	1,475	58,846

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Seegene, Inc.	947	\$ 69,510
Shin Poong Pharmaceutical Company, Ltd.	983	75,229
Shinhan Financial Group Company, Ltd.	14,320	517,016
Shinhan Financial Group Company, Ltd., ADR	350	12,548
Shinsegae, Inc.	197	49,920
SK Biopharmaceuticals Company, Ltd. (A)	528	57,624
SK Chemicals Company, Ltd.	257	59,247
SK Hynix, Inc.	17,972	2,028,475
SK Innovation Company, Ltd. (A)	1,818	476,695
SK Telecom Company, Ltd.	1,232	350,113
SK, Inc.	1,160	290,750
S-Oil Corp.	1,203	109,547
Woori Financial Group, Inc.	16,990	172,973
Yuhan Corp.	1,234	69,128
		33,756,392
<b>Spain - 1.5%</b>		
ACS Actividades de Construcción y Servicios SA	10,608	284,383
Aena SME SA (A)(C)	2,276	373,448
Amadeus IT Group SA (A)	15,014	1,058,434
Banco Bilbao Vizcaya Argentaria SA (A)	228,360	1,416,511
Banco Santander SA (A)	580,136	2,219,047
Banco Santander SA (Mexican Stock Exchange) (A)	22,856	86,567
CaixaBank SA	144,982	446,356
Cellnex Telecom SA (A)(C)	15,748	1,004,425
EDP Renovaveis SA	9,513	220,718
Enagas SA	7,812	180,558
Endesa SA	12,378	300,485
Ferrovial SA	16,784	493,254
Grifols SA (B)	10,824	293,512
Iberdrola SA	190,693	2,325,431
Industria de Diseno Textil SA	37,975	1,340,773
Naturgy Energy Group SA	12,174	313,315
Red Electrica Corp. SA	15,612	289,855
Repsol SA	53,970	678,002
Siemens Gamesa Renewable Energy SA	9,848	329,254
Telefonica SA	180,178	840,975
Telefonica SA, Interim Shares (A)	9,008	42,045
		14,537,348
<b>Sweden - 2.2%</b>		
Alfa Laval AB	11,168	394,736
Assa Abloy AB, B Shares	34,362	1,035,943
Atlas Copco AB, A Shares	22,872	1,404,532
Atlas Copco AB, B Shares	13,493	710,628
Boliden AB	9,749	375,137
Electrolux AB, Series B	7,536	208,837
Embracer Group AB (A)	8,466	228,907
Epiroc AB, A Shares	23,037	524,406
Epiroc AB, B Shares	13,732	269,595
EQT AB	8,294	301,286
Essity AB, B Shares	21,531	714,187
Evolution AB (C)	5,501	870,160
Fastighets AB Balder, B Shares (A)	3,415	214,079
Hennes & Mauritz AB, B Shares (A)	28,520	677,333
Hexagon AB, B Shares	67,634	1,002,091
Husqvarna AB, B Shares	13,967	185,625
ICA Gruppen AB	3,982	185,366
Industrivarden AB, A Shares	3,603	140,132
Industrivarden AB, C Shares	6,375	233,364
Investment AB Latour, B Shares	5,154	169,217
Investor AB, B Shares	62,172	1,433,090
Kinnevik AB, B Shares (A)	8,775	351,386
L.E. Lundbergforetagen AB, B Shares	2,546	164,320

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Sweden (continued)</b>		
Lundin Energy AB	6,210	\$ 220,160
Nibe Industrier AB, B Shares	43,424	457,576
Sandvik AB	38,708	989,750
Securitas AB, B Shares	10,739	169,643
Sinch AB (A)(C)	15,030	252,913
Skandinaviska Enskilda Banken AB, A Shares	57,777	746,831
Skanska AB, B Shares	11,367	301,784
SKF AB, B Shares	14,059	358,338
Svenska Cellulosa AB SCA, B Shares	21,092	345,955
Svenska Handelsbanken AB, A Shares	55,216	623,275
Swedbank AB, A Shares	31,626	588,779
Swedish Match AB	57,080	486,785
Tele2 AB, B Shares (B)	17,728	241,703
Telefonaktiebolaget LM Ericsson, B Shares	99,473	1,250,764
Telia Company AB	82,751	367,536
Volvo AB, A Shares	6,647	164,977
Volvo AB, B Shares (B)	48,024	1,157,351
		20,518,477
<b>Switzerland - 6.3%</b>		
ABB, Ltd.	57,261	1,945,422
Adecco Group AG	6,058	412,197
Alcon, Inc.	16,200	1,136,228
Baloise Holding AG	1,882	293,851
Banque Cantonale Vaudoise	1,016	91,296
Barry Callebaut AG	92	213,815
Chocoladefabriken Lindt & Spruengli AG	4	419,098
Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	42	418,113
Cie Financiere Richemont SA, A Shares	17,877	2,167,204
Clariant AG	8,258	164,436
Coca-Cola HBC AG	8,067	291,998
Credit Suisse Group AG	84,422	883,723
EMS-Chemie Holding AG	321	315,513
Geberit AG	1,249	938,213
Givaudan SA	311	1,447,771
Glencore PLC (A)	331,742	1,423,865
Holcim, Ltd. (A)	10,906	655,539
Holcim, Ltd. (Euronext Paris Exchange) (A)	6,750	404,663
Julius Baer Group, Ltd.	8,601	561,759
Kuehne + Nagel International AG	2,065	706,765
Logitech International SA	5,725	695,258
Lonza Group AG	2,550	1,807,840
Nestle SA	95,776	11,938,199
Novartis AG	74,879	6,830,955
Partners Group Holding AG	749	1,135,444
Roche Holding AG	23,693	8,928,426
Roche Holding AG, Bearer Shares	1,064	432,729
Schindler Holding AG	806	235,848
Schindler Holding AG, Participation Certificates	1,582	484,148
SGS SA	203	626,755
Sika AG	4,781	1,566,437
Sonova Holding AG	1,846	695,305
STMicroelectronics NV	22,367	813,410
Straumann Holding AG	401	639,613
Swiss Life Holding AG	1,026	499,101
Swiss Prime Site AG	3,037	301,413
Swiss Re AG	9,637	870,440
Swisscom AG	989	565,103
Temenos AG	2,330	374,605
The Swatch Group AG	2,395	158,143
The Swatch Group AG, Bearer Shares	1,191	409,007
UBS Group AG	127,628	1,954,907

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Switzerland (continued)</b>		
Vifor Pharma AG	1,821	\$ 235,943
Zurich Insurance Group AG	5,231	2,101,112
		59,191,610
<b>Taiwan - 4.0%</b>		
Accton Technology Corp.	17,000	201,307
Acer, Inc.	58,018	60,976
Advantech Company, Ltd.	13,296	164,518
ASE Technology Holding Company, Ltd.	111,338	446,715
Asia Cement Corp.	36,863	67,074
Asustek Computer, Inc. (A)	24,952	332,710
AU Optronics Corp.	163,827	132,480
Catcher Technology Company, Ltd.	22,184	144,897
Cathay Financial Holding Company, Ltd. (A)	268,839	519,785
Chailease Holding Company, Ltd. (A)	37,148	269,876
Chang Hwa Commercial Bank, Ltd.	113,718	65,906
Cheng Shin Rubber Industry Company, Ltd.	43,680	73,236
China Development Financial Holding Corp.	438,153	206,634
China Life Insurance Company, Ltd.	79,303	74,967
China Steel Corp.	363,388	516,067
Chunghwa Telecom Company, Ltd.	127,148	518,849
Compal Electronics, Inc.	79,764	63,976
CTBC Financial Holding Company, Ltd.	586,465	477,578
Delta Electronics, Inc.	64,866	704,695
E.Sun Financial Holding Company, Ltd.	322,114	304,052
Eclat Textile Company, Ltd.	6,259	147,370
Evergreen Marine Corp. Taiwan, Ltd. (A)	86,566	611,455
Far Eastern New Century Corp.	64,875	74,496
Far EasTone Telecommunications Company, Ltd.	45,159	104,678
Feng TAY Enterprise Company, Ltd.	14,520	127,380
First Financial Holding Company, Ltd.	343,552	279,813
Formosa Chemicals & Fibre Corp. (A)	117,212	356,283
Formosa Petrochemical Corp. (A)	39,720	151,794
Formosa Plastics Corp.	128,086	473,329
Foxconn Technology Company, Ltd.	15,513	36,538
Fubon Financial Holding Company, Ltd.	211,112	559,673
Giant Manufacturing Company, Ltd.	10,000	114,293
Globalwafers Company, Ltd.	7,000	230,792
Hiwin Technologies Corp.	8,303	117,567
Hon Hai Precision Industry Company, Ltd.	417,368	1,675,735
Hotai Motor Company, Ltd.	9,000	198,298
Hua Nan Financial Holdings Company, Ltd.	279,117	184,774
Innolux Corp. (A)	275,841	205,200
Inventec Corp.	25,899	24,398
Largan Precision Company, Ltd.	3,143	349,476
Lite-On Technology Corp.	39,626	81,862
MediaTek, Inc.	50,340	1,736,037
Mega Financial Holding Company, Ltd.	363,134	428,119
Micro-Star International Company, Ltd.	23,000	129,933
Nan Ya Plastics Corp.	171,992	513,092
Nanya Technology Corp.	37,000	105,740
Novatek Microelectronics Corp.	19,361	346,041
Pegatron Corp.	66,989	165,393
Phison Electronics Corp.	5,000	85,995
Pou Chen Corp.	36,641	51,655
Powertech Technology, Inc.	13,149	50,701
President Chain Store Corp.	19,496	183,974
Quanta Computer, Inc.	92,771	291,173
Realtek Semiconductor Corp.	15,999	289,820
Shin Kong Financial Holding Company, Ltd.	389,836	133,258

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
SinoPac Financial Holdings Company, Ltd. (A)	349,762	\$ 172,531
Synnex Technology International Corp.	24,928	45,528
Taishin Financial Holding Company, Ltd.	326,730	178,793
Taiwan Business Bank	193,450	65,619
Taiwan Cement Corp.	167,824	307,174
Taiwan Cooperative Financial Holding Company, Ltd.	290,321	221,424
Taiwan High Speed Rail Corp.	71,000	76,164
Taiwan Mobile Company, Ltd.	57,257	209,592
Taiwan Semiconductor Manufacturing Company, Ltd.	813,227	17,515,289
The Shanghai Commercial & Savings Bank, Ltd.	111,937	181,674
Unimicron Technology Corp.	41,000	189,631
Uni-President Enterprises Corp.	161,487	424,056
United Microelectronics Corp.	388,313	736,359
Vanguard International Semiconductor Corp.	31,000	131,329
Walsin Technology Corp.	11,000	89,717
Win Semiconductors Corp.	11,000	148,081
Winbond Electronics Corp.	102,000	127,340
Wistron Corp.	42,598	47,368
Wiwynn Corp.	3,000	107,312
WPG Holdings, Ltd.	47,840	87,755
Ya Hsin Industrial Company, Ltd. (A)(E)	36,000	0
Yageo Corp. (A)	9,584	192,949
Yang Ming Marine Transport Corp. (A)	52,000	340,380
Yuanta Financial Holding Company, Ltd.	324,837	312,786
Zhen Ding Technology Holding, Ltd.	19,000	71,598
		37,942,882
<b>Thailand - 0.4%</b>		
Advanced Info Service PCL	48,400	258,385
Airports of Thailand PCL	163,100	315,901
Bangkok Bank PCL	11,700	41,288
Bangkok Bank PCL, NVDR	2,700	9,534
Bangkok Dusit Medical Services PCL, NVDR	387,300	278,218
Bangkok Expressway & Metro PCL, NVDR	354,600	90,215
Berli Jucker PCL, NVDR	21,300	23,127
BTS Group Holdings PCL, NVDR (B)	301,600	88,030
Bumrungrad Hospital PCL, NVDR	15,600	62,623
Central Pattana PCL, NVDR	64,400	105,646
Central Retail Corp. PCL	45,441	47,538
Charoen Pokphand Foods PCL	136,200	112,710
CP ALL PCL	184,600	345,826
CP ALL PCL, NVDR	12,300	23,043
Electricity Generating PCL	7,600	41,538
Electricity Generating PCL, NVDR	1,400	7,652
Energy Absolute PCL	56,900	108,453
Gulf Energy Development PCL, NVDR	79,150	84,648
Home Product Center PCL	204,400	91,918
Indorama Ventures PCL, NVDR	54,900	69,931
Intouch Holdings PCL, NVDR	96,400	195,602
Krung Thai Bank PCL	164,375	54,969
Land & Houses PCL, NVDR	393,400	97,575
Minor International PCL, NVDR (A)	127,100	119,137
Muangthai Capital PCL, NVDR	11,300	20,311
PTT Exploration & Production PCL	60,147	220,084
PTT Global Chemical PCL	87,373	161,120
PTT PCL	391,000	479,821
PTT PCL, NVDR	10,500	12,885
Ratch Group PCL, NVDR	12,800	18,279
Thai Oil PCL	46,900	79,981

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Thailand (continued)</b>		
Thai Union Group PCL	95,900	\$ 59,270
The Siam Cement PCL	12,000	161,871
The Siam Cement PCL, NVDR	14,300	192,896
The Siam Commercial Bank PCL	23,348	71,517
True Corp. PCL	448,802	44,574
		4,196,116
<b>Turkey - 0.1%</b>		
Akbank TAS	100,286	60,833
Aselsan Elektronik Sanayi Ve Ticaret AS	14,026	23,720
BIM Birlesik Magazalar AS	16,428	117,287
Eregli Demir ve Celik Fabrikalari TAS	49,091	101,576
Ford Otomotiv Sanayi AS	4,572	89,195
Haci Omer Sabanci Holding AS	31,762	32,428
KOC Holding AS	25,423	53,535
Turkcell Iletisim Hizmetleri AS	38,572	71,361
Turkiye Garanti Bankasi AS	86,216	82,319
Turkiye Is Bankasi AS, Class C	60,572	35,501
Turkiye Petrol Rafinerileri AS (A)	4,998	54,537
		722,292
<b>United Arab Emirates - 0.0%</b>		
NMC Health PLC (A)	4,471	1,685
<b>United Kingdom - 7.7%</b>		
3i Group PLC	32,696	530,618
Admiral Group PLC	6,635	288,703
Anglo American PLC	42,988	1,710,670
Ashtead Group PLC	15,597	1,159,297
Associated British Foods PLC	11,826	363,021
AstraZeneca PLC	44,092	5,297,392
Auto Trader Group PLC (A)(C)	37,238	326,130
AVEVA Group PLC	4,243	217,776
Aviva PLC	131,970	740,873
BAE Systems PLC	111,616	806,538
Barclays PLC	576,321	1,367,653
Barratt Developments PLC	33,805	325,497
BP PLC	683,369	2,996,839
British American Tobacco PLC	72,353	2,809,144
BT Group PLC (A)	308,640	829,422
Bunzl PLC	11,691	386,752
Burberry Group PLC (A)	13,598	388,891
CNH Industrial NV	37,712	625,553
Coca-Cola Europacific Partners PLC	6,887	405,454
Compass Group PLC (A)	59,219	1,247,619
Croda International PLC	4,632	472,436
Diageo PLC	78,828	3,778,105
Direct Line Insurance Group PLC	53,358	210,455
Evrax PLC	18,017	147,815
Ferguson PLC	7,801	1,085,330
GlaxoSmithKline PLC	169,205	3,326,413
Halma PLC	13,950	519,710
Hargreaves Lansdown PLC	11,809	259,850
HSBC Holdings PLC	686,857	3,964,196
Imperial Brands PLC	31,799	685,673
Informa PLC (A)	49,866	346,556
InterContinental Hotels Group PLC (A)	6,064	404,169
Intertek Group PLC	5,603	428,822
J Sainsbury PLC	71,585	269,437
JD Sports Fashion PLC	17,123	217,901
Johnson Matthey PLC	7,531	320,641
Kingfisher PLC	70,070	353,650
Land Securities Group PLC	25,882	241,548
Legal & General Group PLC	200,480	715,229
Lloyds Banking Group PLC	2,378,433	1,538,503
London Stock Exchange Group PLC	10,980	1,213,403
M&G PLC	94,053	297,951

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
Melrose Industries PLC	163,234	\$ 351,365
Mondi PLC	13,861	364,936
Mondi PLC (Johannesburg Stock Exchange)	4,137	109,073
National Grid PLC	118,276	1,504,430
NatWest Group PLC	181,551	510,934
Next PLC (A)	4,895	532,741
Ocado Group PLC (A)	16,158	447,703
Pearson PLC	25,020	288,128
Persimmon PLC	10,716	438,966
Phoenix Group Holdings PLC	19,903	186,312
Prudential PLC	87,981	1,673,905
Reckitt Benckiser Group PLC	23,897	2,111,302
RELX PLC	40,612	1,076,895
RELX PLC (Euronext Amsterdam Exchange)	24,534	654,304
Rentokil Initial PLC	67,951	465,408
Rio Tinto PLC	37,839	3,125,025
Rolls-Royce Holdings PLC (A)	275,192	376,742
Schroders PLC	4,962	241,321
Segro PLC	40,814	617,853
Severn Trent PLC	7,990	276,595
Smith & Nephew PLC	29,419	638,016
Smiths Group PLC	15,498	341,325
Spirax-Sarco Engineering PLC	2,625	494,410
SSE PLC	34,933	725,515
St. James's Place PLC	20,193	412,880
Standard Chartered PLC	93,128	594,324
Standard Life Aberdeen PLC	72,446	271,781
Taylor Wimpey PLC	125,790	276,831
Tesco PLC	268,394	829,117
The Berkeley Group Holdings PLC	4,387	278,946
The British Land Company PLC	35,353	241,836
The Sage Group PLC	41,847	396,384
Unilever PLC	37,651	2,200,080
Unilever PLC (Euronext Amsterdam Exchange)	49,466	2,899,146
United Utilities Group PLC	26,873	362,710
Vodafone Group PLC	904,612	1,516,155
Whitbread PLC (A)	7,168	309,857
Wm Morrison Supermarkets PLC	89,522	305,550
WPP PLC	42,535	574,982
		72,645,418
<b>United States - 0.1%</b>		
Bausch Health Companies, Inc. (A)	9,900	290,547
Brookfield Renewable Corp., Class A	4,350	182,759
		473,306
<b>Uruguay - 0.0%</b>		
Globant SA (A)	1,200	263,016
<b>TOTAL COMMON STOCKS (Cost \$594,987,579)</b>		<b>\$ 904,818,659</b>
<b>PREFERRED SECURITIES - 1.0%</b>		
<b>Brazil - 0.4%</b>		
Banco Bradesco SA	163,048	843,462
Banco BTG Pactual SA	1	6
Banco Inter SA (C)	847	4,455
Bradespar SA	7,600	113,577
Centrais Eletricas Brasileiras SA, B Shares	5,700	49,588
Cia Energetica de Minas Gerais	36,287	88,495
Gerdau SA	36,200	215,506
Itau Unibanco Holding SA	161,889	969,941
Itausa SA	147,723	331,158
Lojas Americanas SA	27,648	119,957

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>PREFERRED SECURITIES (continued)</b>		
<b>Brazil (continued)</b>		
Petroleo Brasileiro SA	150,151	\$ 888,444
		3,624,589
<b>Germany - 0.4%</b>		
Bayerische Motoren Werke AG	2,090	188,014
FUCHS PETROLUB SE	2,735	133,097
Henkel AG & Company KGaA	6,138	648,257
Porsche Automobil Holding SE	5,695	611,361
Sartorius AG	1,201	625,129
Volkswagen AG	6,259	1,569,325
		3,775,183
<b>South Korea - 0.2%</b>		
Hyundai Motor Company	705	72,286
Hyundai Motor Company, 2nd Preferred	1,197	122,238
LG Chem, Ltd.	162	55,183
LG Household & Health Care, Ltd.	48	32,605
Samsung Electronics Company, Ltd.	27,037	1,769,574
		2,051,886
<b>TOTAL PREFERRED SECURITIES (Cost \$6,919,013)</b>		<b>\$ 9,451,658</b>
<b>CORPORATE BONDS - 0.0%</b>		
<b>India - 0.0%</b>		
Britannia Industries, Ltd. 5.500%, 06/03/2024	INR 104,922	1,428
<b>TOTAL CORPORATE BONDS (Cost \$1,439)</b>		<b>\$ 1,428</b>
<b>RIGHTS - 0.0%</b>		
ACS Actividades de Construccion y Servicios SA (Expiration Date: 7-7-21) (A)(F)	10,608	14,843
<b>TOTAL RIGHTS (Cost \$16,086)</b>		<b>\$ 14,843</b>
<b>WARRANTS - 0.0%</b>		
Minor International PCL (Expiration Date: 2-15-24; Strike Price: THB 31.00) (A)	3,972	570
Minor International PCL (Expiration Date: 5-5-23; Strike Price: THB 28.00) (A)	4,383	711
<b>TOTAL WARRANTS (Cost \$0)</b>		<b>\$ 1,281</b>

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Mini MSCI EAFE Index Futures	17	Long	Sep 2021	\$2,008,004	\$1,958,655	\$(49,349)
Mini MSCI Emerging Markets Index Futures	350	Long	Sep 2021	23,989,098	23,884,000	(105,098)
						<b>\$(154,447)</b>

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

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

## International Small Company Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 98.4%</b>		
<b>Australia - 6.6%</b>		
A2B Australia, Ltd. (A)	9,047	\$ 8,546
Accent Group, Ltd.	24,907	52,113

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS - 2.1%</b>		
<b>Short-term funds - 2.1%</b>		
Fidelity Institutional Money Market Government Portfolio, Institutional Class, 0.0100% (G)	12,319,307	\$ 12,319,307
John Hancock Collateral Trust, 0.0324% (G)(H)	737,106	7,374,447
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$19,693,909)</b>		<b>\$ 19,693,754</b>
<b>Total Investments (International Equity Index Trust) (Cost \$621,618,026) - 99.4%</b>		<b>\$ 933,981,623</b>
<b>Other assets and liabilities, net - 0.6%</b>		<b>6,087,993</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 940,069,616</b>

### Currency Abbreviations

INR Indian Rupee

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 6-30-21.

(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) 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) Strike price and/or expiration date not available.

(G) The rate shown is the annualized seven-day yield as of 6-30-21.

(H) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
Adairs, Ltd.	6,590	\$ 20,978
Adbri, Ltd.	19,036	49,536

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
Ainsworth Game Technology, Ltd. (A)	10,192	\$ 9,445
Alcidion Group, Ltd. (A)	35,820	10,766
Alkane Resources, Ltd. (A)(B)	25,036	21,603
ALS, Ltd.	4,398	42,979
Altium, Ltd.	3,451	95,003
AMA Group, Ltd. (A)(B)	24,887	10,722
AMP, Ltd.	50,928	42,970
Ansell, Ltd.	2,530	82,530
Appen, Ltd.	2,202	22,495
ARB Corp., Ltd.	3,784	122,441
Ardent Leisure Group, Ltd. (A)	39,016	28,595
Asaleo Care, Ltd.	30,182	31,689
AUB Group, Ltd.	4,241	71,112
Aurelia Metals, Ltd.	85,331	26,258
Austal, Ltd.	23,155	35,591
Australian Agricultural Company, Ltd. (A)	28,065	28,830
Australian Finance Group, Ltd.	6,698	14,320
Australian Pharmaceutical Industries, Ltd.	26,584	22,224
Australian Strategic Materials, Ltd. (A)(B)	950	5,563
Auswide Bank, Ltd.	625	3,045
Baby Bunting Group, Ltd.	3,113	13,109
Bank of Queensland, Ltd.	29,753	203,231
Bapcor, Ltd.	15,610	99,469
Base Resources, Ltd.	32,069	7,216
Beach Energy, Ltd.	60,312	56,061
Bega Cheese, Ltd.	15,122	66,812
Bendigo & Adelaide Bank, Ltd.	14,038	110,373
Bigtincan Holdings, Ltd. (A)	21,740	18,494
Bingo Industries, Ltd.	8,137	20,946
Blackmores, Ltd.	400	22,023
Blue Sky Alternative Investments, Ltd. (A)(C)	2,049	242
Bravura Solutions, Ltd.	17,457	45,924
Breville Group, Ltd.	5,143	115,326
Brickworks, Ltd.	3,876	72,876
BWX, Ltd.	7,767	31,705
Calix, Ltd. (A)	10,443	20,855
Capricorn Metals, Ltd. (A)	6,675	9,505
Cardno, Ltd.	15,086	10,974
carsales.com, Ltd.	10,170	150,608
Cash Converters International, Ltd.	14,501	2,395
Cedar Woods Properties, Ltd.	2,634	13,235
Centuria Capital Group	12,668	26,425
Challenger, Ltd.	18,693	75,736
Champion Iron, Ltd. (A)	13,921	66,584
City Chic Collective, Ltd. (A)	5,259	21,633
Cleanaway Waste Management, Ltd.	44,499	88,143
Clinuvel Pharmaceuticals, Ltd.	2,335	53,707
Codan, Ltd.	5,320	71,963
Collins Foods, Ltd.	5,764	49,630
Cooper Energy, Ltd. (A)	98,256	19,146
Corporate Travel Management, Ltd. (A)	3,931	63,245
Costa Group Holdings, Ltd.	12,590	31,251
Costa Group Holdings, Ltd., Entitlement Offer (A)	1,989	4,937
Credit Corp. Group, Ltd.	3,047	67,810
CSR, Ltd.	25,551	110,431
Data#3, Ltd.	9,073	38,086
Decmil Group, Ltd. (A)	1,519	524
Deterra Royalties, Ltd.	16,722	56,335
Dicker Data, Ltd. (B)	2,793	23,170
Domain Holdings Australia, Ltd. (A)	10,969	42,514
Downer EDI, Ltd.	18,221	76,333
Eagers Automotive, Ltd.	7,533	93,613
Eclixp Group, Ltd. (A)	16,681	28,356

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
Elders, Ltd.	8,609	\$ 74,581
EML Payments, Ltd. (A)	10,254	26,773
EQT Holdings, Ltd.	729	14,983
Estia Health, Ltd. (A)	11,708	21,666
EVENT Hospitality and Entertainment, Ltd. (A)	4,397	41,683
FAR, Ltd. (A)(B)(C)	313,905	2,590
Finbar Group, Ltd.	8,370	5,322
Fleetwood, Ltd.	8,058	14,265
Flight Centre Travel Group, Ltd. (A)(B)	4,755	52,892
Freedom Foods Group, Ltd. (A)	6,482	1,784
G8 Education, Ltd. (A)	51,376	38,720
Galaxy Resources, Ltd. (A)	37,250	102,382
Genworth Mortgage Insurance Australia, Ltd. (A)	18,245	30,044
Gold Road Resources, Ltd.	43,849	41,426
GrainCorp, Ltd., Class A	13,614	52,704
GUD Holdings, Ltd.	3,716	33,395
GWA Group, Ltd.	12,453	25,871
Hansen Technologies, Ltd.	11,735	54,737
Healius, Ltd.	23,643	82,062
HT&E, Ltd. (A)	20,357	26,163
HUB24, Ltd.	3,277	70,063
Humm Group, Ltd. (A)	26,650	19,766
IGO, Ltd.	24,516	139,918
Iluka Resources, Ltd.	16,722	114,497
Imdex, Ltd.	20,483	31,296
Infomedia, Ltd.	17,584	20,244
Inghams Group, Ltd.	11,981	35,742
Intega Group, Ltd.	15,086	6,220
Integral Diagnostics, Ltd.	6,781	26,424
Integrated Research, Ltd. (B)	3,367	4,909
InvoCare, Ltd.	8,212	71,257
IOOF Holdings, Ltd.	30,144	96,402
IPH, Ltd.	9,953	58,241
IRESS, Ltd.	8,152	78,908
IVE Group, Ltd.	11,452	12,489
Japara Healthcare, Ltd. (A)	17,906	17,199
Johns Lyng Group, Ltd.	4,330	16,551
Jumbo Interactive, Ltd.	2,253	29,997
Jupiter Mines, Ltd.	116,266	25,210
Karoo Energy, Ltd. (A)	14,552	14,486
Kogan.com, Ltd. (B)	1,950	16,918
Lifestyle Communities, Ltd.	3,310	38,860
Link Administration Holdings, Ltd.	18,547	70,137
Lovisa Holdings, Ltd.	3,846	43,913
MA Financial Group, Ltd.	3,830	16,231
MACA, Ltd.	23,711	13,409
Macmahon Holdings, Ltd.	112,440	16,011
Mayne Pharma Group, Ltd. (A)	99,135	23,773
McMillan Shakespeare, Ltd.	3,346	32,450
McPherson's, Ltd.	9,168	7,562
Medusa Mining, Ltd.	8,127	5,087
Mesoblast, Ltd. (A)(B)	11,677	17,418
Metals X, Ltd. (A)(B)	48,765	7,835
Metcash, Ltd.	51,856	155,504
Mincor Resources NL (A)	13,218	10,694
Mineral Resources, Ltd.	686	27,554
MNF Group, Ltd.	2,522	10,103
Monadelphous Group, Ltd.	3,790	29,693
Monash IVF Group, Ltd.	21,798	13,885
Money3 Corp., Ltd.	8,682	21,823
Mortgage Choice, Ltd.	6,422	9,392
Mount Gibson Iron, Ltd.	18,373	13,011
Myer Holdings, Ltd. (A)	63,302	16,862



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
MyState, Ltd.	5,375	\$ 18,838
Nanosonics, Ltd. (A)(B)	8,226	36,210
Navigator Global Investments, Ltd.	10,160	13,574
Nearmap, Ltd. (A)	5,127	7,165
Netwealth Group, Ltd.	3,669	47,201
New Energy Solar, Ltd. (A)	16,176	10,069
New Hope Corp., Ltd. (B)	24,235	31,422
nib holdings, Ltd.	21,443	104,663
Nick Scali, Ltd.	5,272	46,318
Nickel Mines, Ltd.	30,650	22,725
Nine Entertainment Company Holdings, Ltd.	72,050	157,376
NRW Holdings, Ltd.	25,786	28,304
Nufarm, Ltd. (A)	12,991	44,598
OceanaGold Corp. (A)	31,900	60,475
OFX Group, Ltd.	14,134	14,151
Omni Bridgeway, Ltd.	15,737	44,217
oOh!media, Ltd. (A)	31,712	41,555
Orocobre, Ltd. (A)	4,396	21,282
Orora, Ltd.	40,091	100,236
OZ Minerals, Ltd.	18,111	304,481
Pacific Current Group, Ltd.	1,717	7,478
Pact Group Holdings, Ltd.	11,275	31,357
Peet, Ltd.	13,800	12,393
Pendal Group, Ltd.	12,114	73,183
Perenti Global, Ltd.	35,432	17,782
Perpetual, Ltd.	2,914	87,500
Perseus Mining, Ltd. (A)	68,083	74,538
Platinum Asset Management, Ltd.	14,631	53,807
Praemium, Ltd. (A)	28,131	22,980
Premier Investments, Ltd.	4,691	100,449
Pro Medicus, Ltd. (B)	1,815	79,941
Ramelius Resources, Ltd.	29,377	37,312
Regis Healthcare, Ltd.	9,267	13,560
Regis Resources, Ltd.	35,749	63,288
Resolute Mining, Ltd. (A)(B)	43,558	16,519
Rhipe, Ltd.	9,365	14,650
Ridley Corp., Ltd. (A)	19,540	16,680
RPMGlobal Holdings, Ltd. (A)	6,670	8,901
Sandfire Resources, Ltd.	8,336	42,555
SeaLink Travel Group, Ltd.	2,432	17,283
Select Harvests, Ltd.	6,954	35,194
Senex Energy, Ltd.	10,923	28,065
Servcorp, Ltd.	3,171	8,334
Service Stream, Ltd.	18,170	11,850
Seven West Media, Ltd. (A)(B)	85,038	29,676
SG Fleet Group, Ltd.	8,938	20,139
Sigma Healthcare, Ltd.	86,903	38,737
Silver Lake Resources, Ltd. (A)	29,625	36,902
SmartGroup Corp., Ltd.	4,591	25,383
Southern Cross Media Group, Ltd. (A)	17,291	27,095
Spark Infrastructure Group	75,397	127,134
SpeedCast International, Ltd. (A)(B)(C)	17,245	0
St. Barbara, Ltd.	32,796	41,958
Steadfast Group, Ltd.	37,803	124,628
Super Retail Group, Ltd.	7,649	73,962
Superloop, Ltd. (A)(B)	22,967	15,990
Syrah Resources, Ltd. (A)	36,700	28,468
Tassal Group, Ltd.	8,526	22,879
Technology One, Ltd.	12,347	86,121
The Reject Shop, Ltd. (A)	2,561	10,718
The Star Entertainment Group, Ltd. (A)	37,406	103,392
Tiger Resources, Ltd. (A)(C)	92,816	2,562
United Malt Grp, Ltd.	15,585	52,360
Uniti Group, Ltd. (A)	4,249	10,548

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
Virtus Health, Ltd.	8,064	\$ 39,921
Viva Energy Group, Ltd. (D)	27,557	39,830
Webjet, Ltd. (A)(B)	21,997	80,865
West African Resources, Ltd. (A)	12,571	9,382
Western Areas, Ltd.	21,598	38,626
Westgold Resources, Ltd. (A)	16,604	23,425
Whitehaven Coal, Ltd. (A)	44,790	64,982
Zip Company, Ltd. (A)(B)	5,273	29,947
		8,548,381
<b>Austria - 1.6%</b>		
Agrana Beteiligungs AG	724	17,482
ams AG (A)	10,399	208,909
ANDRITZ AG	3,025	170,132
AT&S Austria Technologie & Systemtechnik AG	1,801	78,035
BAWAG Group AG (D)	2,332	124,186
DO & Company AG (A)	278	25,147
EVN AG	2,014	47,463
FACC AG (A)	1,116	12,444
Flughafen Wien AG (A)	265	9,220
IMMOFINANZ AG	4,356	97,936
Kapsch TrafficCom AG (A)(B)	191	3,334
Lenzing AG (A)	693	84,910
Mayr Melnhof Karton AG	378	80,578
Oesterreichische Post AG (B)	1,378	73,357
Palfinger AG	876	36,694
POLYTEC Holding AG (A)	995	13,841
Porr AG (A)	648	12,295
Raiffeisen Bank International AG	1,787	40,562
RHI Magnesita NV	1,095	62,023
RHI Magnesita NV (London Stock Exchange)	545	30,546
Rosenbauer International AG	174	10,981
S IMMO AG	2,772	66,431
S&T AG (B)	1,838	42,117
Schoeller-Bleckmann Oilfield Equipment AG (A)	710	29,945
Semperit AG Holding	822	33,018
Strabag SE, Bearer Shares	893	38,299
Telekom Austria AG	7,836	66,903
UBM Development AG	411	20,243
UNIQA Insurance Group AG	6,525	56,823
Vienna Insurance Group AG	2,128	58,429
voestalpine AG	4,895	199,663
Wienerberger AG	5,497	211,888
Zumtobel Group AG (A)	2,545	25,655
		2,089,489
<b>Belgium - 1.5%</b>		
Ackermans & van Haaren NV	1,132	191,276
AGFA-Gevaert NV (A)	6,780	31,511
Akka Technologies (A)	603	16,847
Atenor	211	15,122
Banque Nationale de Belgique	12	25,480
Barco NV	3,212	87,942
Bekaert SA	2,225	99,406
Biocartis Group NV (A)(D)	2,587	12,516
bpost SA (A)	4,236	50,822
Celyad Oncology SA (A)	493	2,586
Cie d'Entreprises CFE	416	43,384
D'ieteren Group	1,085	131,360
Econocom Group SA/NV	6,435	24,447
Elia Group SA/NV	1,281	135,218
Etablissements Franz Colruyt NV	695	38,885
Euronav NV	8,334	77,640
Euronav NV (New York Stock Exchange)	2,324	21,660

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Belgium (continued)</b>		
EVS Broadcast Equipment SA	811	\$ 17,030
Exmar NV	1,567	7,248
Fagron	2,165	48,379
Gimv NV (A)	1,197	76,654
Immobel SA (B)	209	18,058
Ion Beam Applications	1,305	25,839
Kinepolis Group NV (A)	585	31,657
Lotus Bakeries NV	13	73,584
Melexis NV	987	102,613
Ontex Group NV (A)	3,927	48,924
Orange Belgium SA	417	9,357
Oxurion NV (A)	1,612	4,781
Picanol (A)	88	8,039
Proximus SADP	5,977	115,529
Recticel SA	2,296	38,717
Sipef NV	420	23,655
Telenet Group Holding NV	1,717	64,681
Tessengerlo Group SA (A)	904	38,195
Van de Velde NV	377	11,198
VGP NV	243	47,953
Viohalco SA	7,173	38,706
X-Fab Silicon Foundries SE (A)(D)	2,319	22,037
		1,878,936
<b>Bermuda - 0.1%</b>		
Hiscox, Ltd. (A)	8,333	95,981
<b>Cambodia - 0.0%</b>		
NagaCorp, Ltd.	40,000	38,576
<b>Canada - 10.5%</b>		
5N Plus, Inc. (A)	3,515	8,365
Absolute Software Corp.	2,400	34,714
Advantage Energy, Ltd. (A)	11,500	46,943
Aecon Group, Inc.	3,200	46,467
Africa Oil Corp. (A)(B)	34,602	33,217
AG Growth International, Inc.	1,100	34,182
AGF Management, Ltd., Class B	4,298	27,530
Aimia, Inc. (A)	7,777	30,616
AirBoss of America Corp.	1,500	42,957
Alamos Gold, Inc., Class A	21,879	167,146
Alaris Equity Partners Income	2,229	30,479
Alcanna, Inc. (A)	1,500	8,095
Algoma Central Corp.	700	9,261
AltaGas, Ltd.	6,823	143,219
Altius Minerals Corp.	3,100	42,589
Altus Group, Ltd.	1,818	84,256
Andrew Peller, Ltd., Class A	2,300	17,608
ARC Resources, Ltd.	28,718	244,413
Aritzia, Inc. (A)	3,100	92,730
Ascot Resources, Ltd. (A)	13,700	14,147
Atco, Ltd., Class I	1,804	63,975
Athabasca Oil Corp. (A)	42,135	33,311
ATS Automation Tooling Systems, Inc. (A)	3,547	101,809
AutoCanada, Inc. (A)	1,985	79,970
Badger Infrastructure Solutions, Ltd.	1,522	46,190
Birch Mountain Resources, Ltd. (A)(C)	9,200	1
Birchcliff Energy, Ltd. (B)	15,733	65,998
Bird Construction, Inc.	4,995	35,581
Black Diamond Group, Ltd. (A)	2,750	8,874
BlackBerry, Ltd. (A)	6,480	79,197
BlackBerry, Ltd. (New York Stock Exchange) (A)	14,111	172,436
BMTC Group, Inc.	500	5,990
Bombardier, Inc., Class B (A)	61,505	58,052
Boralex, Inc., Class A	4,277	130,249
Cameco Corp.	3,596	68,971
Canaccord Genuity Group, Inc.	3,431	37,587

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
Canacol Energy, Ltd.	7,565	\$ 20,688
Canada Goose Holdings, Inc. (A)(B)	2,213	96,725
Canadian Western Bank	4,515	126,752
Canfor Corp. (A)	3,704	84,741
Canfor Pulp Products, Inc. (A)	2,715	17,084
Capital Power Corp.	5,927	195,798
Capstone Mining Corp. (A)	29,467	127,890
Cardinal Energy, Ltd. (A)	5,530	15,569
Cascades, Inc.	5,723	70,453
Celestica, Inc. (A)	5,019	39,355
Celestica, Inc. (New York Stock Exchange) (A)	3,200	25,120
Centerra Gold, Inc.	12,177	92,438
CES Energy Solutions Corp. (A)	18,429	28,693
China Gold International Resources Corp., Ltd.	18,050	48,343
CI Financial Corp.	8,900	163,339
Cogeco Communications, Inc.	563	55,051
Cogeco, Inc.	445	34,513
Colliers International Group, Inc.	1,400	156,783
Computer Modelling Group, Ltd.	4,420	18,221
Copper Mountain Mining Corp. (A)	8,800	25,841
Corby Spirit and Wine, Ltd.	700	10,176
Corus Entertainment, Inc., B Shares	11,806	60,573
Crescent Point Energy Corp.	9,519	43,080
Crescent Point Energy Corp. (New York Stock Exchange)	16,800	76,104
Crew Energy, Inc. (A)	11,300	20,146
Cronos Group, Inc. (A)	2,170	18,696
Cronos Group, Inc. (Nasdaq Exchange) (A)(B)	3,612	31,063
Denison Mines Corp. (A)(B)	33,028	40,233
Dexterra Group, Inc.	1,621	8,958
DIRTT Environmental Solutions (A)(B)	3,000	12,924
Doman Building Materials Group, Ltd.	3,600	24,279
Dorel Industries, Inc., Class B (A)	1,800	22,682
DREAM Unlimited Corp., Class A	2,250	48,064
Dundee Precious Metals, Inc.	7,687	46,571
ECN Capital Corp.	16,900	126,791
E-L Financial Corp., Ltd.	100	75,730
Eldorado Gold Corp. (A)	9,374	93,090
Element Fleet Management Corp.	17,442	203,462
Endeavour Silver Corp. (A)	6,945	42,524
Enerflex, Ltd.	6,400	43,317
Enerplus Corp.	11,735	84,349
Enghouse Systems, Ltd.	1,800	80,140
Ensign Energy Services, Inc. (A)	9,800	17,709
Equitable Group, Inc.	696	74,693
ERO Copper Corp. (A)	2,900	60,849
Evertz Technologies, Ltd.	1,900	22,056
Exchange Income Corp.	568	18,264
Exco Technologies, Ltd.	1,500	12,609
Extendicare, Inc.	6,230	42,770
Fiera Capital Corp.	3,035	26,638
Finning International, Inc.	8,181	214,161
Firm Capital Mortgage Investment Corp.	1,100	13,071
First Majestic Silver Corp. (B)	7,681	121,325
First Mining Gold Corp. (A)(B)	39,000	14,315
First National Financial Corp.	700	27,789
Fission Uranium Corp. (A)	19,500	9,910
Fortuna Silver Mines, Inc. (A)	8,867	49,428
Freehold Royalties, Ltd.	7,229	56,976
Frontera Energy Corp. (A)	2,200	13,595
Galiano Gold, Inc. (A)(B)	6,600	7,241
Gamehost, Inc. (A)	100	693

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
Gibson Energy, Inc.	7,398	\$ 141,741
Global Atomic Corp. (A)	8,700	22,038
goeasys, Ltd.	672	85,995
GoGold Resources, Inc. (A)	5,300	13,169
Golden Star Resources, Ltd. (A)	5,011	14,149
Gran Tierra Energy, Inc. (A)	25,166	18,678
Great Canadian Gaming Corp. (A)	2,400	86,176
Guardian Capital Group, Ltd., Class A	600	15,779
Hanfeng Evergreen, Inc. (A)(C)	200	0
Headwater Exploration, Inc. (A)	4,930	17,340
Heroux-Devtek, Inc. (A)	2,700	38,879
HEXO Corp. (A)	3,660	21,258
High Liner Foods, Inc.	1,773	19,438
Home Capital Group, Inc. (A)	3,379	101,403
Hudbay Minerals, Inc.	12,257	81,575
I-80 Gold Corp. (A)	1,651	3,343
iA Financial Corp., Inc.	2,477	134,860
IAMGOLD Corp. (A)	29,827	87,826
Imperial Metals Corp. (A)	5,060	18,369
Information Services Corp.	800	19,684
Innergex Renewable Energy, Inc.	6,800	118,216
Inter Pipeline, Ltd.	11,943	194,136
Interfor Corp.	3,520	88,142
International Petroleum Corp. (A)(B)	5,324	24,696
International Tower Hill Mines, Ltd. (A)	2,300	2,394
Intertape Polymer Group, Inc.	2,700	62,599
Jamieson Wellness, Inc. (D)	1,500	40,900
KAB Distribution, Inc. (A)(C)	7,076	0
K-Bro Linen, Inc.	600	20,978
Kelt Exploration, Ltd. (A)	10,445	29,744
Keyera Corp.	6,187	166,254
Kinaxis, Inc. (A)	1,068	140,496
Kingsway Financial Services, Inc. (A)	425	2,125
Knight Therapeutics, Inc. (A)	5,400	22,870
Labrador Iron Ore Royalty Corp. (B)	3,218	121,934
Largo Resources, Ltd. (A)(B)	780	12,144
Lassonde Industries, Inc., Class A	200	27,912
Laurentian Bank of Canada	2,414	85,082
Leon's Furniture, Ltd.	1,883	34,178
LifeWorks, Inc.	3,098	83,523
Linamar Corp.	2,366	148,400
Lucara Diamond Corp. (A)(B)	25,184	15,237
Lundin Gold, Inc. (A)(B)	2,800	23,514
Magellan Aerospace Corp.	900	7,587
Mainstreet Equity Corp. (A)	400	33,611
Major Drilling Group International, Inc. (A)	6,800	47,012
Maple Leaf Foods, Inc.	3,940	81,781
Martinrea International, Inc.	4,603	48,533
Medical Facilities Corp.	2,104	11,898
MEG Energy Corp. (A)	13,888	100,496
Melcor Developments, Ltd.	1,000	10,810
Methanex Corp.	2,700	89,499
Morguard Corp.	400	45,547
Mountain Province Diamonds, Inc. (A)(B)	6,800	2,661
MTY Food Group, Inc. (A)	742	32,665
Mullen Group, Ltd.	5,582	60,161
New Gold, Inc. (A)	28,915	52,017
NFI Group, Inc.	2,279	51,790
North American Construction Group, Ltd.	2,100	31,985
NuVista Energy, Ltd. (A)	15,505	49,782
Osisko Gold Royalties, Ltd.	7,722	105,838
Pan American Silver Corp., CVR (A)	19,100	16,235
Paramount Resources, Ltd., Class A (A)	5,173	71,611
Parex Resources, Inc. (A)	7,016	117,160

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
Park Lawn Corp.	1,792	\$ 48,197
Parkland Corp.	4,835	156,252
Pason Systems, Inc.	5,636	40,601
Peyto Exploration & Development Corp.	10,197	68,687
Pizza Pizza Royalty Corp.	1,729	15,106
Polaris Infrastructure, Inc.	1,500	23,391
Pollard Banknote, Ltd.	1,000	45,595
PolyMet Mining Corp. (A)	1,185	4,273
PrairieSky Royalty, Ltd.	9,727	117,782
Precision Drilling Corp. (A)	1,082	45,092
Premium Brands Holdings Corp.	1,700	172,702
Pretium Resources, Inc. (A)	8,300	79,411
Quarterhill, Inc.	9,800	20,160
Questerre Energy Corp., Class A (A)(B)	19,444	2,745
Real Matters, Inc. (A)	3,500	50,484
Recipe Unlimited Corp. (A)	1,300	22,285
RF Capital Group, Inc. (A)	1,848	3,131
Richelieu Hardware, Ltd.	3,100	100,332
Rogers Sugar, Inc.	6,474	30,187
Roxgold, Inc. (A)	19,200	29,274
Russel Metals, Inc.	3,846	105,086
Sabina Gold & Silver Corp. (A)(B)	20,475	28,905
Sandstorm Gold, Ltd. (A)	10,731	84,750
Savaria Corp. (B)	2,300	37,183
Seabridge Gold, Inc. (A)	1,222	21,412
Secure Energy Services, Inc.	5,954	20,221
ShawCor, Ltd. (A)	4,173	19,895
Sienna Senior Living, Inc.	3,606	47,824
Sierra Wireless, Inc. (A)	2,600	49,290
Sleep Country Canada Holdings, Inc. (D)	2,113	50,575
SNC-Lavalin Group, Inc.	6,640	172,749
Spin Master Corp. (A)(D)	1,400	54,460
Sprott, Inc.	1,329	52,309
SSR Mining, Inc.	8,940	139,624
Stantec, Inc.	5,278	235,500
Stella-Jones, Inc.	2,400	86,409
Storm Resources, Ltd. (A)	9,300	31,735
SunOpta, Inc. (A)	5,608	68,630
Superior Plus Corp.	9,057	111,569
Surge Energy, Inc. (A)	21,600	11,675
Tamarack Valley Energy, Ltd. (A)	20,085	41,641
Taseko Mines, Ltd. (A)	16,100	33,769
TECSYS, Inc.	609	20,541
Tervita Corp. (A)	616	2,614
TFI International, Inc.	2,725	248,780
The Descartes Systems Group, Inc. (A)	1,374	95,025
The North West Company, Inc.	1,606	45,591
Tidewater Midstream and Infrastructure, Ltd.	6,650	7,457
Timbercreek Financial Corp.	6,000	46,176
TLC Vision Corp. (A)	3,400	0
Torex Gold Resources, Inc. (A)	5,460	62,898
Toromont Industries, Ltd.	394	34,327
Total Energy Services, Inc. (A)	3,132	11,370
Tourmaline Oil Corp.	3,709	106,010
TransAlta Corp.	15,282	152,253
TransAlta Renewables, Inc.	6,098	102,470
Transcontinental, Inc., Class A	3,683	69,168
Trevali Mining Corp. (A)	37,134	6,441
Trican Well Service, Ltd. (A)	26,009	56,021
Tricon Residential, Inc.	5,668	65,203
Trisura Group, Ltd. (A)	300	40,123
Turquoise Hill Resources, Ltd. (A)	3,950	66,630
Uni-Select, Inc. (A)	3,401	45,023
Vecima Networks, Inc.	479	6,279

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
Vermilion Energy, Inc. (A)(B)	4,600	\$ 40,300
Wajax Corp.	1,300	25,232
Wesdome Gold Mines, Ltd. (A)	8,000	75,895
Western Forest Products, Inc.	25,850	44,001
Westshore Terminals Investment Corp.	1,589	21,894
Whitecap Resources, Inc.	35,380	175,815
WildBrain, Ltd. (A)	10,382	23,283
Winpak, Ltd.	1,577	49,195
Yamana Gold, Inc.	31,616	133,136
Yellow Pages, Ltd.	200	2,372
Zenith Capital Corp. (A)	1,700	233
		13,546,073
<b>China - 0.1%</b>		
FIH Mobile, Ltd. (A)	195,000	32,152
Fosun Tourism Group (A)(B)(D)	2,000	3,190
Goodbaby International Holdings, Ltd. (A)	71,000	16,357
TK Group Holdings, Ltd.	26,000	9,904
Yangzijiang Shipbuilding Holdings, Ltd.	19,900	20,908
		82,511
<b>Denmark - 2.1%</b>		
ALK-Abello A/S (A)	301	143,660
Alm. Brand A/S (B)	2,824	20,473
Amagerbanken A/S (A)(C)	25,580	0
Asetek A/S (A)	1,629	18,452
Bang & Olufsen A/S (A)	7,788	41,554
Bavarian Nordic A/S (A)	2,737	112,917
Better Collective A/S (A)	917	21,766
Chemometec A/S	500	67,430
D/S Norden A/S	1,788	56,919
Dfds A/S (A)	1,395	78,721
FLSmith & Company A/S	1,871	77,954
H Lundbeck A/S	1,368	43,559
H+H International A/S, Class B (A)	1,146	35,154
INVISIO AB	1,065	23,480
ISS A/S (A)	4,208	99,021
Jeudan A/S	380	16,196
Jyske Bank A/S (A)	2,627	127,316
Lan & Spar Bank A/S	225	20,260
Matas A/S	2,910	52,702
Netcompany Group A/S (D)	1,289	146,559
Nilfisk Holding A/S (A)	903	31,667
NKT A/S (A)	2,018	92,744
NNIT A/S (D)	479	9,470
NTG Nordic Transport Group A/S (A)	200	12,068
Pandora A/S	114	15,380
Per Aarsleff Holding A/S	883	39,792
Ringkjoebing Landbobank A/S	1,224	124,314
Rockwool International A/S, A Shares	83	35,230
Rockwool International A/S, B Shares	133	64,774
Royal Unibrew A/S	2,377	302,884
Scandinavian Tobacco Group A/S (D)	2,633	53,796
Schow & Company A/S	666	73,143
SimCorp A/S	1,846	231,862
Solar A/S, B Shares	410	35,654
SP Group A/S	203	12,588
Spar Nord Bank A/S	4,967	55,960
Sydbank AS	3,132	96,513
The Drilling Company of 1972 A/S (A)	532	22,273
Tivoli A/S (A)	102	14,444
Topdanmark AS	1,791	93,197
United International Enterprises, Ltd.	128	34,293
Vestjysk Bank A/S (A)	4,280	2,353
Zealand Pharma A/S (A)	1,273	37,661
		2,696,153

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Finland - 2.4%</b>		
Adapteo OYJ	1,982	\$ 38,036
Aktia Bank OYJ	2,328	29,776
Alma Media OYJ	1,962	24,054
BasWare OYJ (A)	538	25,336
Bitium OYJ	2,708	20,429
Cargotec OYJ, B Shares	2,007	103,937
Caverion OYJ	3,325	27,192
Citycon OYJ	4,136	35,226
Enento Group OYJ (A)(D)	860	34,562
Ferratum OYJ (A)	459	2,812
Finnair OYJ (A)	44,891	37,035
Fiskars OYJ ABP	2,196	47,742
F-Secure OYJ	7,159	34,185
Harvia OYJ	846	51,088
HKScan OYJ, A Shares	316	884
Huhtamaki OYJ	4,496	213,254
Kamux Corp.	664	12,902
Kemira OYJ	4,233	66,704
Kojamo OYJ	3,973	90,966
Konecranes OYJ	2,937	123,800
Lassila & Tikanoja OYJ	1,929	32,388
Lehto Group OYJ (A)	1,738	3,350
Metsa Board OYJ	7,466	76,801
Metso Outotec OYJ	10,839	125,943
Musti Group OYJ (A)	1,222	45,227
Neles OYJ	6,038	87,062
Nokian Renkaat OYJ	5,747	232,166
Olvi OYJ, A Shares	721	43,376
Oriola OYJ, B Shares	9,290	20,294
Orion OYJ, Class A	982	42,151
Orion OYJ, Class B	4,360	187,455
Outokumpu OYJ (A)	11,683	70,099
Pihlajalinna OYJ	1,193	15,989
Ponsse OYJ	543	27,314
QT Group OYJ (A)	770	90,182
Raisio OYJ, V Shares	8,267	36,913
Revenio Group OYJ	950	71,994
Rovio Entertainment OYJ (D)	1,642	13,375
Sanoma OYJ	4,094	67,865
Taaleri OYJ	956	12,193
Terveystalo OYJ (D)	2,964	40,060
TietoEVERY OYJ	3,679	116,237
Tokmanni Group Corp.	1,942	53,722
Uponor OYJ	2,530	73,333
Vaisala OYJ, A Shares	952	39,111
Valmet OYJ	6,269	273,762
Wartsila OYJ ABP	10,003	148,616
YIT OYJ	8,449	51,804
		3,118,702
<b>France - 4.2%</b>		
ABC arbitrage	1,202	10,114
AKWEL	725	21,180
Albioma SA	1,751	71,681
ALD SA (D)	1,653	24,811
Altamir	752	21,421
Alten SA	1,382	183,432
Assystem SA	763	28,252
Aubay	399	21,054
Axway Software SA	531	17,841
Bastide le Confort Medical	256	14,420
Beneteau SA (A)	2,839	44,881
Bigben Interactive (A)	460	9,071
Boiron SA	274	12,561
Bonduelle SCA	1,027	25,789
Burelle SA	15	13,490

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>France (continued)</b>		
Casino Guichard Perrachon SA (A)(B)	2,173	\$ 69,008
Cegedim SA (A)	186	5,431
CGG SA (A)	29,813	26,666
Chargeurs SA	1,491	41,440
Cie des Alpes (A)(B)	998	16,026
Cie Plastic Omnium SA	3,159	98,785
Claranova SADR (A)(B)	1,250	9,975
Coface SA	5,646	68,520
DBV Technologies SA (A)	1,786	19,679
Derichebourg SA (A)	6,625	67,013
Ekinops SAS (A)	1,302	11,229
Electricite de Strasbourg SA	31	4,137
Elior Group SA (A)(D)	4,760	35,603
Elis SA (A)	7,872	148,539
Eramet SA (A)	445	29,097
ESI Group (A)	197	13,609
Etablissements Maurel et Prom SA (A)(B)	1,561	3,525
Eurazeo SE	1,581	137,843
Europcar Mobility Group (A)(D)	13,804	7,828
Eutelsat Communications SA	9,105	106,516
Exel Industries SA, A Shares (A)	89	9,704
Faurecia SE	4,730	232,528
Fnac Darty SA (A)	1,052	67,771
Gaztransport Et Technigaz SA	1,087	87,947
Groupe Crit (A)	163	12,481
Haulotte Group SA	962	7,303
ID Logistics Group (A)	176	49,287
Imerys SA	1,434	67,121
Infotel SA	133	7,922
Ipsen SA	114	11,862
IPROS	1,982	83,625
JCDecaux SA (A)	2,376	65,874
Kaufman & Broad SA	901	42,893
Korian SA	3,175	117,362
Lagardere SCA (A)	3,040	75,237
Laurent-Perrier	110	12,605
Lectra	1,346	50,967
LISI	1,205	39,368
LNA Sante SA	166	10,435
Lumibird (A)	632	11,986
Maisons du Monde SA (D)	1,925	47,764
Manitou BF SA	880	28,184
Manutan International	105	10,589
Mersen SA (A)	1,171	45,674
Metropole Television SA	1,324	27,838
Neoen SA (A)(D)	1,095	49,234
Nexans SA	1,883	171,826
Nexity SA	1,974	98,785
NRJ Group	782	5,656
Onxeo SA (A)	4,617	3,508
Orpea SA	725	92,302
Plastivaloire	383	3,294
Quadient SA	2,721	81,826
Recylex SA (A)(C)	1,058	2,318
Rexel SA (A)	15,736	329,482
Robertet SA	28	34,533
Rothschild & Company	1,372	53,280
Rubis SCA	3,860	171,753
Savencia SA	372	31,251
SCOR SE (B)	6,780	215,842
SMCP SA (A)(D)	1,921	13,971
Societe BIC SA (B)	1,252	87,074
Societe pour l'Informatique Industrielle	438	15,415
SOITEC (A)	1,176	259,687
Solocal Group (A)(B)	6,121	13,180

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>France (continued)</b>		
Somfy SA	326	\$ 55,338
Sopra Steria Group SACA	705	135,653
SPIE SA	6,716	154,724
Stef SA	202	21,721
Synergie SE	557	21,628
Technicolor SA (A)	685	2,662
Television Francaise 1	3,803	38,507
Thermador Groupe	453	47,533
Tikehau Capital SCA	1,533	48,539
Trigano SA	463	95,734
Valeo SA	830	25,036
Vallourec SA (A)(B)	2,750	24,962
Valneva SE (A)(B)	2,831	37,325
Verallia SA (A)(D)	1,145	42,424
Vetoquinol SA	155	19,072
Vicat SA	987	47,736
VIEL & Cie SA	3,220	22,985
Vilmorin & Cie SA	614	40,819
Virbac SA	180	61,734
Wavestone (A)	331	15,705
		5,358,848
<b>Gabon - 0.0%</b>		
Total Gabon	20	3,382
<b>Georgia - 0.0%</b>		
Bank of Georgia Group PLC (A)	2,491	46,343
Georgia Capital PLC (A)	1,145	11,390
TBC Bank Group PLC (A)	239	3,838
		61,571
<b>Germany - 6.2%</b>		
1&1 AG	2,192	67,100
7C Solarparken AG	3,210	15,267
Aareal Bank AG	2,902	67,044
Adesso SE	90	15,068
ADVA Optical Networking SE (A)	3,719	51,553
AIXTRON SE	4,181	113,379
Allgeier SE	498	14,174
Amadeus Fire AG	57	10,428
Atoss Software AG	218	48,232
Aurubis AG	1,823	169,205
Basler AG	162	20,054
BayWa AG	1,025	44,240
Bechtle AG	318	59,103
Bertrandt AG	394	26,360
Bijou Brigitte AG (A)	340	10,203
Bilfinger SE	1,781	53,335
Borussia Dortmund GmbH & Company KGaA (A)	3,564	26,301
CANCOM SE	1,836	111,115
CECONOMY AG (A)	8,144	39,810
CENIT AG	446	8,279
Cewe Stiftung & Company KGAA	268	41,518
Commerzbank AG (A)	30,403	215,912
CompuGroup Medical SE & Company KgaA	1,135	88,934
CropEnergies AG	1,544	19,820
CTS Eventim AG & Company KGaA (A)	2,245	140,237
Dermapharm Holding SE	524	41,791
Deutsche Beteiligungs AG	1,067	43,130
Deutsche EuroShop AG	2,527	59,956
Deutsche Lufthansa AG (A)(B)	3,811	42,857
Deutsche Pfandbriefbank AG (D)	7,700	76,227
Deutz AG (A)	7,260	58,775
DIC Asset AG	3,005	51,891
Dr. Hoenle AG	420	23,327

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Germany (continued)</b>		
Draegerwerk AG & Company KGaA	82	\$ 7,627
Duerr AG	2,558	97,288
Eckert & Ziegler Strahlen- und Medizintechnik AG	653	74,678
Elmos Semiconductor SE	392	16,974
ElringKlinger AG (A)	2,576	45,910
Encavis AG (B)	2,727	51,589
Evotec SE (A)	2,541	115,269
Fielmann AG (A)	1,241	97,108
First Sensor AG	433	21,922
FlatexDEGIRO AG (A)	821	110,518
Fraport AG Frankfurt Airport Services Worldwide (A)	1,137	77,484
Freenet AG	6,277	148,412
FUCHS PETROLUB SE	1,085	42,145
GEA Group AG	7,088	287,206
Gerresheimer AG	1,515	167,570
GFT Technologies SE	961	24,456
GRENKE AG	500	21,945
H&R GmbH & Company KGaA (A)	1,324	12,741
Hamburger Hafen und Logistik AG	1,330	33,461
Heidelberger Druckmaschinen AG (A)	18,003	42,912
Hella GmbH & Company KGaA (A)(B)	1,867	127,963
HOCHTIEF AG	468	35,994
Hornbach Baumarkt AG	590	25,920
Hornbach Holding AG & Company KGaA	497	56,678
HUGO BOSS AG	3,312	180,400
Hypoport SE (A)	149	77,101
Indus Holding AG	975	38,617
Instone Real Estate Group AG (D)	2,299	69,219
IVU Traffic Technologies AG	728	16,704
Jenoptik AG	2,990	81,826
JOST Werke AG (D)	517	30,863
K+S AG (A)	8,850	120,642
Kloekner & Company SE (A)	5,538	75,929
Koenig & Bauer AG (A)	912	30,449
Krones AG	775	69,297
KWS Saat SE & Company KGaA	607	49,973
LANXESS AG	4,346	298,261
Leifheit AG	437	24,285
Leoni AG (A)(B)	2,398	42,894
LPKF Laser & Electronics AG	1,100	32,066
Manz AG (A)(B)	233	17,904
Medigene AG (A)	760	3,558
Medios AG (A)	440	17,543
METRO AG	3,100	38,394
MLP SE	5,864	48,502
Nagarro SE (A)	498	61,132
New Work SE	128	40,247
Nexus AG	866	64,513
Nordex SE (A)	4,553	110,785
Norma Group SE	1,576	80,767
OHB SE	399	17,483
PATRIZIA AG	2,719	70,911
Pfeiffer Vacuum Technology AG	256	48,588
PNE AG	3,180	28,023
ProSiebenSat.1 Media SE	10,428	207,928
PSI Software AG	815	32,493
PVA TePla AG (A)	629	18,475
q.beyond AG (A)	6,549	14,870
Rheinmetall AG	2,219	219,266
SAF-Holland SE (A)	4,007	55,727
Salzgitter AG (A)	1,978	58,895
Schaltau Holding AG (A)	373	16,379
Scout24 AG (D)	1,645	138,794

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Germany (continued)</b>		
Secunet Security Networks AG	53	\$ 23,596
SGL Carbon SE (A)	3,072	29,478
Siltronic AG (B)	981	163,490
Sirius Real Estate, Ltd.	17,545	26,824
Sixt SE (A)	694	93,506
SMA Solar Technology AG	563	32,312
Software AG	2,610	117,418
STRATEC SE	407	56,841
Stroer SE & Company KGaA	1,454	116,478
Suedzucker AG	3,535	56,617
SUESS MicroTec SE (A)	1,803	59,268
TAG Immobilien AG	7,456	236,329
Takkt AG	1,848	30,728
Technotrans SE	530	17,165
thyssenkrupp AG (A)	14,670	153,222
Traffic Systems SE	106	5,006
Varta AG (B)	624	96,222
VERBIO Vereinigte BioEnergie AG	1,482	75,034
Vossloh AG	859	43,310
Wacker Chemie AG	495	76,299
Wacker Neuson SE	2,039	58,714
Washtec AG	611	37,938
Westwing Group AG (A)	385	21,032
Wuestenrot & Wuerttembergische AG	1,566	35,876
Zeal Network SE	349	17,344
zooplus AG (A)	349	113,099
		8,061,244
<b>Gibraltar - 0.1%</b>		
888 Holdings PLC	15,858	84,282
<b>Greece - 0.0%</b>		
Alapis Holding Industrial & Commercial SA of Pharmaceutical Chemical Products (A)(C)	3,303	72
TT Hellenic Postbank SA (A)(C)	12,594	0
		72
<b>Guernsey, Channel Islands - 0.0%</b>		
Raven Property Group, Ltd. (A)	4,994	2,097
<b>Hong Kong - 2.5%</b>		
3D-Gold Jewellery Holdings, Ltd. (A)(C)	90,000	0
Aidigong Maternal & Child Health, Ltd. (A)	108,000	16,822
Allied Group, Ltd.	120,000	48,818
APAC Resources, Ltd.	15,396	2,537
Apollo Future Mobility Group, Ltd. (A)	56,000	3,028
Asia Financial Holdings, Ltd.	14,000	6,726
ASM Pacific Technology, Ltd.	9,300	125,980
Associated International Hotels, Ltd.	28,000	49,056
Blue River Holdings, Ltd. (A)	74,400	3,680
BOE Varitronix, Ltd.	18,000	13,862
Brightoil Petroleum Holdings, Ltd. (A)(C)	117,000	12,997
Burwill Holdings, Ltd. (A)(C)	292,000	2,670
Cafe de Coral Holdings, Ltd.	18,000	37,000
Cathay Pacific Airways, Ltd. (A)	28,000	23,660
Chen Hsong Holdings	10,000	3,563
Cheuk Nang Holdings, Ltd.	3,708	1,324
China Energy Development Holdings, Ltd. (A)	634,000	9,639
China Solar Energy Holdings, Ltd. (A)(C)	42,500	0
China Strategic Holdings, Ltd. (A)	885,000	12,991
Chinese Estates Holdings, Ltd.	22,000	10,244
Chong Hing Bank, Ltd.	10,000	26,268
Chow Sang Sang Holdings International, Ltd.	22,000	38,068
Chuang's Consortium International, Ltd.	30,948	4,312

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
CITIC Telecom International Holdings, Ltd.	59,000	\$ 19,523
CMBC Capital Holdings, Ltd.	430,000	5,483
C-Mer Eye Care Holdings, Ltd.	18,000	23,115
Crystal International Group, Ltd. (D)	19,000	9,754
CSI Properties, Ltd.	245,066	8,199
Dah Sing Banking Group, Ltd.	18,000	19,852
Dah Sing Financial Holdings, Ltd.	6,520	22,273
Dynamic Holdings, Ltd.	8,000	14,417
EganaGoldpfeil Holdings, Ltd. (A)(C)	103,373	0
Emperor Capital Group, Ltd. (A)	192,000	3,233
Emperor Entertainment Hotel, Ltd.	40,000	5,822
Emperor International Holdings, Ltd.	97,333	14,215
Esprit Holdings, Ltd. (A)	176,850	17,310
Fairwood Holdings, Ltd.	3,500	8,119
Far East Consortium International, Ltd.	86,473	32,633
First Pacific Company, Ltd.	146,000	49,848
Giordano International, Ltd.	82,000	17,845
Gold-Finance Holdings, Ltd. (A)(C)	62,000	0
Great Eagle Holdings, Ltd.	10,197	34,630
G-Resources Group, Ltd. (A)	33,580	13,580
Guotai Junan International Holdings, Ltd.	207,000	33,038
Haitong International Securities Group, Ltd.	114,070	31,415
Hang Lung Group, Ltd.	31,000	79,072
Hanison Construction Holdings, Ltd.	27,441	4,421
Harbour Centre Development, Ltd.	38,000	41,584
HKBN, Ltd.	36,000	43,563
HKR International, Ltd.	51,920	24,647
Hong Kong Ferry Holdings Company, Ltd.	29,000	21,853
Hong Kong Television Network, Ltd. (A)	28,000	35,216
Hongkong Chinese, Ltd.	66,000	5,689
Hsin Chong Group Holdings, Ltd. (A)(C)	170,000	7,663
Hutchison Port Holdings Trust	161,400	36,398
Hutchison Telecommunications Hong Kong Holdings, Ltd.	80,000	15,764
Hysan Development Company, Ltd.	25,000	99,618
Johnson Electric Holdings, Ltd.	20,500	52,822
K Wah International Holdings, Ltd.	80,000	38,834
Kerry Logistics Network, Ltd.	24,000	72,817
Kerry Properties, Ltd.	28,500	93,979
Kingston Financial Group, Ltd.	38,000	2,636
Kowloon Development Company, Ltd.	22,000	25,974
Lai Sun Development Company, Ltd. (A)	15,320	12,258
Landing International Development, Ltd. (A)	75,600	2,433
Langham Hospitality Investments and Langham Hospitality Investments, Ltd. (A)	22,500	2,837
Lifestyle International Holdings, Ltd. (A)	25,000	19,171
Lippo China Resources, Ltd.	36,000	583
Liu Chong Hing Investment, Ltd.	16,000	17,174
Luk Fook Holdings International, Ltd.	15,000	51,780
Mandarin Oriental International, Ltd. (A)	8,000	16,031
Mason Group Holdings, Ltd. (A)	1,548,800	5,776
Melco International Development, Ltd. (A)	33,000	60,517
MH Development, Ltd. (A)(C)	16,000	2,390
Midland Holdings, Ltd. (A)	34,734	7,129
Miramar Hotel & Investment	15,000	29,583
Modern Dental Group, Ltd. (A)	20,000	18,544
NewOcean Energy Holdings, Ltd. (A)(B)	66,000	3,822
NWS Holdings, Ltd.	52,000	55,317
Oshidori International Holdings, Ltd. (A)	204,000	13,643
Pacific Andes International Holdings, Ltd. (A)(C)	328,006	0

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
Pacific Basin Shipping, Ltd. (A)	258,000	\$ 103,946
Pacific Century Premium Developments, Ltd. (A)	2,376	226
Pacific Textiles Holdings, Ltd.	42,000	25,268
Paliburg Holdings, Ltd. (A)	46,000	12,513
PCCW, Ltd.	156,590	82,012
Peace Mark Holdings, Ltd. (A)(C)	164,000	0
Perfect Medical Health Management, Ltd.	32,000	38,632
Pico Far East Holdings, Ltd.	60,000	10,510
Public Financial Holdings, Ltd.	24,000	7,843
Regal Hotels International Holdings, Ltd. (A)	36,000	19,331
Regina Miracle International Holdings, Ltd. (D)	17,000	6,225
Shangri-La Asia, Ltd. (A)	46,000	45,027
Shenwan Hongyuan HK, Ltd.	20,000	2,599
Shun Tak Holdings, Ltd. (A)	80,250	25,813
Singamas Container Holdings, Ltd.	114,000	12,916
SITC International Holdings Company, Ltd.	51,000	213,126
SJM Holdings, Ltd. (A)	67,000	73,135
SmarTone Telecommunications Holdings, Ltd.	31,500	18,671
South China Holdings Company, Ltd. (A)	640,000	8,977
Stella International Holdings, Ltd. (A)	20,000	30,924
Summit Ascent Holdings, Ltd. (A)(B)	90,000	7,879
Sun Hung Kai & Company, Ltd.	45,000	24,147
SUNeVision Holdings, Ltd.	18,000	18,450
Tao Heung Holdings, Ltd.	14,000	1,839
Television Broadcasts, Ltd. (A)	19,100	18,191
Texhong Textile Group, Ltd.	4,000	6,464
Texwinca Holdings, Ltd.	60,000	13,289
The Bank of East Asia, Ltd.	10,200	18,942
The Hongkong & Shanghai Hotels, Ltd. (A)	31,903	33,566
The United Laboratories International Holdings, Ltd.	42,000	34,470
Theme International Holdings, Ltd. (A)	90,000	16,933
Town Health International Medical Group, Ltd. (A)	261,361	16,337
Tradelink Electronic Commerce, Ltd.	50,000	7,594
Transport International Holdings, Ltd.	11,721	22,896
Upbest Group, Ltd.	164,000	17,759
Value Partners Group, Ltd.	40,000	25,509
Vitasoy International Holdings, Ltd.	26,000	96,525
VSTECs Holdings, Ltd.	21,200	17,113
VTech Holdings, Ltd.	6,900	72,612
Wai Kee Holdings, Ltd.	24,000	12,847
Wealthking Investments, Ltd. (A)	32,000	3,137
Wing On Company International, Ltd.	4,000	9,170
Wing Tai Properties, Ltd.	70,000	41,972
Yue Yuen Industrial Holdings, Ltd. (A)	30,000	73,950
Yunfeng Financial Group, Ltd. (A)(B)	26,000	9,808
Zensun Enterprises, Ltd.	210,000	17,585
Zhaobangji Properties Holdings, Ltd. (A)	88,000	7,030
		3,242,795
<b>Ireland - 0.8%</b>		
AIB Group PLC (A)	9,959	25,717
Bank of Ireland Group PLC (A)	1,999	10,727
Bank of Ireland Group PLC (London Stock Exchange) (A)	33,477	179,814
C&C Group PLC (A)	17,093	57,526
Cairn Homes PLC (A)	15,034	18,947
Cairn Homes PLC (London Stock Exchange) (A)	9,684	12,266

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Ireland (continued)</b>		
COSMO Pharmaceuticals NV (A)	254	\$ 23,415
Dalata Hotel Group PLC (A)	6,155	28,049
FBD Holdings PLC (A)	778	8,340
Glanbia PLC	1,213	19,756
Glanbia PLC (London Stock Exchange)	7,811	127,221
Glenveagh Properties PLC (A)(D)	13,838	15,781
Grafton Group PLC	11,437	181,768
Greencore Group PLC (A)	23,830	41,429
Hostelworld Group PLC (A)(D)	3,065	4,625
Irish Continental Group PLC	5,309	27,229
Keywords Studios PLC (A)	877	30,264
Permanent TSB Group Holdings PLC (A)	5,786	8,793
UDG Healthcare PLC	11,802	174,650
		996,317
<b>Isle of Man - 0.1%</b>		
Hansard Global PLC	6,816	5,421
Playtech PLC (A)	15,546	91,529
Strix Group PLC	6,042	26,358
		123,308
<b>Israel - 1.5%</b>		
AFI Properties, Ltd. (A)	603	26,112
Africa Israel Residences, Ltd.	201	9,920
Airport City, Ltd. (A)	1,655	27,743
Allot, Ltd. (A)	2,103	41,183
Alrov Properties and Lodgings, Ltd. (A)	399	18,545
Ashtrom Group, Ltd.	2,084	47,319
AudioCodes, Ltd.	3,343	110,620
Azorim-Investment Development & Construction Company, Ltd. (A)	3,848	15,459
Bet Shemesh Engines Holdings 1997, Ltd. (A)	358	7,197
Blue Square Real Estate, Ltd.	215	16,507
Camtek, Ltd. (A)	1,035	39,362
Carasso Motors, Ltd.	2,020	10,321
Cellcom Israel, Ltd. (A)	2,791	12,143
Clal Insurance Enterprises Holdings, Ltd. (A)	1,967	39,068
Danel Adir Yeoshua, Ltd.	134	28,079
Delek Automotive Systems, Ltd.	1,858	24,435
Delek Group, Ltd. (A)	92	6,175
Delta Galil Industries, Ltd.	618	25,603
Electra Consumer Products 1970, Ltd.	445	25,592
Electra Real Estate, Ltd.	1,543	19,682
Electra, Ltd.	91	51,620
Enlight Renewable Energy, Ltd. (A)	25,384	54,461
Equital, Ltd. (A)	992	26,890
Evogene, Ltd. (A)	3,768	12,887
Fattal Holdings 1998, Ltd. (A)	137	13,017
Formula Systems 1985, Ltd.	549	49,239
Fox Wizel, Ltd.	488	55,935
Gav-Yam Lands Corp., Ltd.	5,000	47,864
Gilat Satellite Networks, Ltd.	1,452	14,714
Hadera Paper, Ltd.	244	18,188
Harel Insurance Investments & Financial Services, Ltd.	4,995	49,501
Hilan, Ltd.	803	38,729
IDI Insurance Company, Ltd.	440	14,723
Inrom Construction Industries, Ltd.	4,264	19,625
Isracard, Ltd. (A)	6,691	27,428
Israel Land Development - Urban Renewal, Ltd.	789	10,181
Isras Investment Company, Ltd.	142	32,739
Kamada, Ltd. (A)	1,616	9,481
Magic Software Enterprises, Ltd.	1,349	21,758
Malam - Team, Ltd.	476	16,325

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Israel (continued)</b>		
Matrix IT, Ltd.	2,095	\$ 56,645
Maytronics, Ltd.	1,808	37,685
Mediterranean Towers, Ltd.	4,044	11,957
Mega Or Holdings, Ltd.	757	24,377
Mehadrin, Ltd. (A)	15	659
Menora Mivtachim Holdings, Ltd.	1,766	34,942
Migdal Insurance & Financial Holdings, Ltd. (A)	27,734	38,211
Mivne Real Estate KD, Ltd.	5,622	16,301
Mivtach Shamir Holdings, Ltd.	397	15,101
Naphtha Israel Petroleum Corp., Ltd. (A)	2,030	9,461
Nova Measuring Instruments, Ltd. (A)	610	62,727
Novolog, Ltd.	20,186	18,566
Oil Refineries, Ltd. (A)	102,102	26,319
One Software Technologies, Ltd.	1,700	25,497
OPC Energy, Ltd. (A)	1,963	19,169
Partner Communications Company, Ltd. (A)	6,688	30,629
Paz Oil Company, Ltd. (A)	525	64,452
Perion Network, Ltd. (A)	720	15,957
Plasson Industries, Ltd.	241	13,342
Plus500, Ltd.	4,106	75,898
Rami Levy Chain Stores Hashikma Marketing 2006, Ltd.	449	29,538
Sano-Brunos Enterprises, Ltd.	145	14,192
Scope Metals Group, Ltd.	377	11,412
Shikun & Binui, Ltd. (A)	108	698
Shufersal, Ltd.	1,535	12,221
Summit Real Estate Holdings, Ltd. (A)	2,363	35,604
Tel Aviv Stock Exchange, Ltd. (B)	3,160	19,519
The Phoenix Holdings, Ltd.	5,097	47,655
YH Dimri Construction & Development, Ltd.	285	16,993
		1,922,097
<b>Italy - 3.2%</b>		
A2A SpA	74,015	151,398
ACEA SpA	2,494	57,660
Anima Holding SpA (D)	14,880	74,052
Aquafil SpA (A)	969	7,633
Arnoldo Mondadori Editore SpA (A)	12,613	24,063
Ascopiave SpA	4,243	17,873
Avio SpA	877	12,951
Azimut Holding SpA	5,291	128,668
Banca Generali SpA (A)	2,509	107,186
Banca IFIS SpA	1,607	25,562
Banca Mediolanum SpA	3,386	32,977
Banca Popolare di Sondrio SCPA	20,545	89,258
Banca Profilo SpA	24,032	6,046
Banco BPM SpA	92,714	298,829
Banco di Desio e della Brianza SpA	2,610	9,788
BFF Bank SpA (D)	8,562	85,828
BPER Banca	48,081	104,828
Brembo SpA	1,217	15,423
Brunello Cucinelli SpA (A)	1,411	82,652
Buzzi Unicem SpA	4,670	124,065
Cairo Communication SpA	4,712	9,500
Carel Industries SpA (D)	416	10,001
Cementir Holding NV	4,165	42,515
Cerved Group SpA (A)	5,609	65,225
CIR SpA-Compagnie Industriali (A)	60,979	36,564
Credito Emiliano SpA	6,238	37,385
Danieli & C Officine Meccaniche SpA	788	20,797
Danieli & C Officine Meccaniche SpA, Savings Shares	2,118	36,511
De' Longhi SpA	2,476	107,924



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Italy (continued)</b>		
DeA Capital SpA (A)	4,665	\$ 7,203
doValue SpA (D)	1,965	21,635
ERG SpA	2,919	86,576
Esprinet SpA	3,554	62,467
Eurotech SpA (A)(B)	1,562	8,508
Fincantieri SpA (A)	18,635	16,841
Geox SpA (A)(B)	8,390	10,952
Gruppo MutuiOnline SpA	2,096	99,968
Hera SpA	41,143	170,090
Illimity Bank SpA (A)	1,649	23,026
IMMSI SpA (A)	6,756	4,303
Interpump Group SpA	1,427	84,664
Iren SpA	30,720	87,676
Italgas SpA	24,861	162,620
Italmobiliare SpA	1,039	37,538
Juventus Football Club SpA (A)(B)	30,558	26,182
Leonardo SpA (A)	10,796	87,354
Maire Tecnimont SpA	10,323	37,789
Mediaset SpA (A)	18,917	68,339
OVS SpA (A)(D)	9,134	17,328
Piaggio & C SpA	11,658	45,895
Pirelli & C. SpA (D)	17,419	101,292
Prima Industrie SpA (A)	178	4,660
Prysmian SpA	2,469	88,602
RAI Way SpA (D)	5,678	34,182
Reno de Medici SpA	15,969	25,994
Reply SpA	1,027	168,676
Sabaf SpA	338	10,344
Safilo Group SpA (A)	2,378	3,786
Saipem SpA (A)(B)	30,422	73,812
Salvatore Ferragamo SpA (A)	455	9,756
Saras SpA (A)	28,012	23,470
Sesa SpA (A)	391	65,457
Societa Cattolica Di Assicurazione SPA (A)	7,555	62,814
Sogefi SpA (A)	3,551	5,776
SOL SpA	2,802	56,528
Tamburi Investment Partners SpA	5,435	53,352
Technogym SpA (D)	5,419	69,240
Tinexta SpA	1,069	41,627
Tod's SpA (A)	590	40,109
Unieuro SpA (D)	707	20,484
Unipol Gruppo SpA	18,665	101,784
UnipolSai Assicurazioni SpA	9,024	26,216
Webuild SpA	14,544	38,630
Zignago Vetro SpA	1,669	33,279
		4,149,986
<b>Japan - 22.1%</b>		
A&D Company, Ltd.	900	8,090
Access Company, Ltd. (A)	2,300	18,791
Achilles Corp.	1,000	12,254
Adastria Company, Ltd.	920	16,853
ADEKA Corp.	4,700	88,202
Ad-sol Nissin Corp.	800	16,810
Advan Company, Ltd.	1,000	8,417
Aeon Delight Company, Ltd.	800	25,072
Aeon Fantasy Company, Ltd.	400	8,047
AEON Financial Service Company, Ltd.	2,900	34,225
Aeon Hokkaido Corp.	1,800	18,359
Aeria, Inc. (B)	700	3,127
Ai Holdings Corp.	1,900	37,454
Aica Kogyo Company, Ltd.	1,000	35,141
Aichi Corp.	3,200	23,503
Aichi Steel Corp.	700	19,203
Aida Engineering, Ltd.	4,500	40,103

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Aiful Corp.	15,500	\$ 53,653
Ain Holdings, Inc.	1,100	68,541
Aiphone Company, Ltd.	600	11,056
Airport Facilities Company, Ltd.	1,200	6,372
Aisan Industry Company, Ltd.	2,500	19,861
Aizawa Securities Company, Ltd.	2,400	20,902
Akatsuki, Inc.	400	12,801
Akebono Brake Industry Company, Ltd. (A)	9,400	14,652
Albis Company, Ltd.	500	10,545
Alconix Corp.	1,600	21,108
Alpen Company, Ltd. (B)	1,100	29,334
Alps Alpine Company, Ltd.	9,700	102,656
Altech Corp.	1,100	19,224
Amano Corp.	2,200	55,635
Amuse, Inc.	400	8,489
Amvis Holdings, Inc.	300	17,357
Anest Iwata Corp.	1,800	16,395
Anicom Holdings, Inc.	3,700	29,661
Anritsu Corp.	1,500	27,940
AOI TYO Holdings, Inc.	1,200	9,692
AOKI Holdings, Inc.	3,100	18,594
Aoyama Trading Company, Ltd. (A)	2,500	17,413
Aozora Bank, Ltd. (B)	1,300	29,142
Arakawa Chemical Industries, Ltd.	1,400	15,067
Arata Corp.	700	27,184
Arcland Service Holdings Company, Ltd. (B)	1,000	19,757
Arcs Company, Ltd.	2,125	46,257
Arealink Company, Ltd.	500	6,002
Argo Graphics, Inc.	1,000	30,004
Arisawa Manufacturing Company, Ltd.	2,900	23,409
ARTERIA Networks Corp.	1,600	25,969
ArtSpark Holdings, Inc. (B)	3,200	24,037
Aruhi Corp.	1,800	23,158
As One Corp.	400	52,204
Asahi Company, Ltd.	800	10,321
Asahi Diamond Industrial Company, Ltd.	3,900	18,100
Asahi Holdings, Inc.	3,600	73,254
Asahi Yukizai Corp.	1,200	14,457
Asanuma Corp.	700	28,430
Asia Pile Holdings Corp.	3,300	13,950
ASKA Pharmaceutical Holdings Company, Ltd.	1,600	14,202
ASKUL Corp.	2,000	31,180
Ateam, Inc.	800	10,939
Atom Corp. (B)	5,000	34,850
Atrae, Inc. (A)	600	11,626
Atsugi Company, Ltd. (A)	1,200	6,736
Autobacs Seven Company, Ltd.	3,000	39,956
Aval Data Corp.	600	21,200
Avant Corp.	900	13,359
Avex, Inc.	2,500	36,947
Axell Corp.	100	810
Axial Retailing, Inc.	800	27,010
Bando Chemical Industries, Ltd.	2,500	20,053
Bank of the Ryukyus, Ltd.	3,000	19,400
Belc Company, Ltd.	500	24,155
Bell System24 Holdings, Inc.	2,400	37,742
Belluna Company, Ltd.	3,300	28,981
Benesse Holdings, Inc.	3,700	91,889
BeNext-Yumeshin Group Company (B)	2,185	25,075
Bengo4.com, Inc. (A)	300	26,233
Bic Camera, Inc.	3,500	35,244
Biofermin Pharmaceutical Company, Ltd.	600	16,099

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
BML, Inc.	1,000	\$ 34,063
Bourbon Corp.	500	10,234
Br. Holdings Corp.	2,300	9,832
BrainPad, Inc. (A)	300	13,229
Broadleaf Company, Ltd.	4,600	21,388
Bunka Shutter Company, Ltd.	5,000	49,918
Business Brain Showa-Ota, Inc.	700	11,187
C Uyemura & Company, Ltd.	800	34,159
Can Do Company, Ltd.	900	15,818
Canon Electronics, Inc.	1,700	26,269
Carenet, Inc.	300	22,135
Carlit Holdings Company, Ltd.	2,100	13,651
Cawachi, Ltd.	900	18,183
CellSource Company, Ltd. (A)	200	31,469
Central Glass Company, Ltd.	1,900	36,477
Central Security Patrols Company, Ltd.	700	19,506
Central Sports Company, Ltd.	600	13,106
Change, Inc. (A)	400	10,681
Charm Care Corp. KK	1,000	10,945
Chilled & Frozen Logistics Holdings Company, Ltd.	1,600	24,169
Chino Corp.	400	5,471
Chiyoda Company, Ltd.	800	6,371
Chiyoda Corp. (A)	9,100	36,182
Chiyoda Integre Company, Ltd.	800	12,824
Chofu Seisakusho Company, Ltd.	1,700	30,652
Chori Company, Ltd.	1,200	18,597
Chubu Shiryo Company, Ltd.	2,000	20,277
Chudenko Corp.	1,900	39,046
Chuetsu Pulp & Paper Company, Ltd. (A)	500	5,760
Chugai Ro Company, Ltd.	500	9,020
Chugoku Marine Paints, Ltd.	4,000	30,918
CI Takiron Corp.	3,000	15,775
Citizen Watch Company, Ltd.	16,000	59,096
CKD Corp.	2,400	50,440
Cleanup Corp.	2,100	10,173
CMIC Holdings Company, Ltd.	1,200	17,006
CMK Corp.	3,700	14,379
cocokara fine, Inc. (B)	840	62,764
COLOPL, Inc.	3,200	23,811
Computer Engineering & Consulting, Ltd.	1,800	25,683
Comture Corp.	1,000	21,285
CONEXIO Corp.	1,300	17,600
COOKPAD, Inc. (A)	2,700	6,096
Corona Corp.	300	2,486
Cosel Company, Ltd.	1,200	11,362
Cosmo Energy Holdings Company, Ltd.	2,900	66,572
Cota Company, Ltd.	484	6,282
CRE, Inc.	800	11,805
Create Restaurants Holdings, Inc. (A)	5,000	41,036
Create SD Holdings Company, Ltd.	1,700	50,410
Credit Saison Company, Ltd.	3,800	46,432
Cresco, Ltd.	800	13,718
CROOZ, Inc. (A)	600	10,925
CTS Company, Ltd.	1,900	14,490
Cybozu, Inc. (B)	900	19,072
Dai Nippon Toryo Company, Ltd.	1,200	9,099
Daibiru Corp.	3,400	42,927
Daicel Corp.	6,300	51,836
Dai-Dan Company, Ltd.	1,000	22,993
Daido Metal Company, Ltd.	1,900	10,239
Daido Steel Company, Ltd.	1,300	64,354
Daidoh, Ltd. (A)	2,000	3,185
Daihen Corp.	1,100	45,730
Daiho Corp.	800	28,978

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Daiichi Jitsugyo Company, Ltd.	400	\$ 15,420
Daiichi Kigenso Kagaku-Kogyo Company, Ltd.	1,800	30,218
Daiichikosho Company, Ltd.	1,300	49,934
Daiken Corp.	1,000	18,791
Daiken Medical Company, Ltd.	400	1,999
Daiki Aluminium Industry Company, Ltd.	3,000	30,228
Daikoku Denki Company, Ltd.	800	6,542
Daikokutenbussan Company, Ltd.	300	21,712
Daikyonishikawa Corp.	1,900	11,828
Dainichiseika Color & Chemicals Manufacturing Company, Ltd.	300	6,202
Daiseki Company, Ltd.	1,800	80,857
Daishi Hokuetsu Financial Group, Inc.	2,200	47,855
Daishinku Corp.	400	14,668
Daito Pharmaceutical Company, Ltd.	700	21,281
Daiwa Industries, Ltd.	2,000	18,664
Daiwabo Holdings Company, Ltd.	4,000	68,653
DCM Holdings Company, Ltd.	6,500	61,959
DeNA Company, Ltd.	1,600	34,107
Densan System Company, Ltd. (B)	700	19,021
Denyo Company, Ltd.	900	15,799
Dexerials Corp.	3,500	73,664
Digital Arts, Inc.	700	53,279
Digital Garage, Inc.	1,600	71,881
Digital Hearts Holdings Company, Ltd.	900	12,404
Digital Holdings, Inc.	600	12,129
Dip Corp.	1,500	46,242
DKK Company, Ltd.	1,000	19,959
DKS Company, Ltd.	400	11,671
DMG Mori Company, Ltd.	4,600	82,720
Doshisha Company, Ltd.	1,700	26,456
Doutor Nichires Holdings Company, Ltd.	2,300	35,532
Dowa Holdings Company, Ltd.	1,900	74,999
DTS Corp.	1,800	42,932
Duskin Company, Ltd.	2,100	47,949
DyDo Group Holdings, Inc.	700	31,404
Eagle Industry Company, Ltd.	2,200	22,281
Earth Corp.	800	46,481
Ebara Jitsugyo Company, Ltd.	800	22,285
Ebase Company, Ltd.	1,200	9,183
EDION Corp.	5,000	48,926
EF-ON, Inc.	1,500	13,471
eGuarantee, Inc.	1,300	27,377
E-Guardian, Inc.	900	22,870
Eiken Chemical Company, Ltd.	1,800	34,807
Eizo Corp.	800	35,696
Elan Corp.	2,800	32,240
Elecom Company, Ltd.	1,600	29,927
Electric Power Development Company, Ltd.	700	10,015
Elematec Corp.	1,400	16,510
Enigmo, Inc.	2,400	30,468
en-japan, Inc.	1,200	42,608
Enplas Corp.	600	19,984
EPS Holdings, Inc.	1,100	17,852
eRex Company, Ltd.	1,900	46,022
ESPEC Corp.	1,600	32,231
Exedy Corp.	1,900	27,874
FAN Communications, Inc.	2,000	7,126
FCC Company, Ltd.	2,200	32,038
Feed One Company, Ltd.	1,600	10,589
Ferrotec Holdings Corp.	1,600	48,950
FIDEA Holdings Company, Ltd.	21,400	23,129
Fields Corp.	1,500	6,514

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Fixstars Corp.	2,000	\$ 15,627
Foster Electric Company, Ltd.	2,100	18,518
France Bed Holdings Company, Ltd.	2,200	18,078
Fudo Tetra Corp.	1,080	17,202
Fuji Company, Ltd.	1,400	24,676
Fuji Corp.	2,100	48,103
Fuji Corp., Ltd.	1,300	7,562
Fuji Oil Company, Ltd.	4,400	10,528
Fuji Oil Holdings, Inc.	1,800	42,824
Fuji Pharma Company, Ltd.	1,400	14,524
Fuji Seal International, Inc.	2,100	44,097
Fuji Soft, Inc.	900	45,062
Fujibo Holdings, Inc.	700	24,410
Fujicco Company, Ltd.	1,500	25,776
Fujikura Kasei Company, Ltd.	2,000	9,381
Fujikura, Ltd. (A)	11,000	51,276
Fujimi, Inc.	500	22,768
Fujimori Kogyo Company, Ltd.	800	29,209
Fujisash Company, Ltd.	4,900	3,489
Fujitec Company, Ltd.	1,900	42,121
Fujiya Company, Ltd.	500	9,612
Fukuda Corp.	200	8,682
Fukuda Denshi Company, Ltd.	500	40,452
Fukui Computer Holdings, Inc.	300	11,335
Fukushima Galilei Company, Ltd.	500	20,088
Fukuyama Transporting Company, Ltd.	700	26,025
FULLCAST Holdings Company, Ltd.	1,000	20,778
Funai Soken Holdings, Inc.	1,800	39,035
Furukawa Company, Ltd.	1,900	21,365
Furukawa Electric Company, Ltd.	2,500	62,339
Furuno Electric Company, Ltd.	2,400	21,717
Furyu Corp.	1,300	16,460
Fuso Chemical Company, Ltd.	1,000	36,812
Fuso Pharmaceutical Industries, Ltd.	500	10,129
Futaba Corp.	1,600	11,194
Futaba Industrial Company, Ltd.	3,400	16,020
Future Corp.	1,200	21,668
Fuyo General Lease Company, Ltd.	900	56,908
G-7 Holdings, Inc.	1,000	30,382
Gakken Holdings Company, Ltd.	1,600	19,466
GCA Corp.	1,900	16,636
Gecoss Corp.	400	3,166
Genki Sushi Company, Ltd.	500	11,331
Geo Holdings Corp.	2,700	29,932
Gifted, Inc. (A)	600	19,071
GLOBERIDE, Inc.	600	24,185
Glory, Ltd.	2,100	43,615
GMO Financial Holdings, Inc.	1,600	12,575
GMO GlobalSign Holdings KK	500	21,074
GNI Group, Ltd. (A)(B)	2,100	39,524
Goldcrest Company, Ltd.	990	14,778
Golf Digest Online, Inc. (B)	800	11,563
Grace Technology, Inc.	1,700	24,560
Gree, Inc.	6,100	32,244
Gremz, Inc.	800	13,759
GS Yuasa Corp.	3,000	76,717
G-Tekt Corp.	1,200	16,725
Gumi, Inc. (B)	1,700	12,894
Gun-Ei Chemical Industry Company, Ltd.	400	8,843
GungHo Online Entertainment, Inc.	2,000	39,721
Gunze, Ltd.	800	33,319
H.U. Group Holdings, Inc.	2,200	56,768
H2O Retailing Corp.	4,900	39,855
Hagihara Industries, Inc.	800	10,230
Hagiwara Electric Holdings Company, Ltd.	500	10,773

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Hakuto Company, Ltd.	1,300	\$ 17,614
Halows Company, Ltd.	600	14,834
Hamakyorex Company, Ltd.	1,000	28,737
Hanwa Company, Ltd.	1,600	46,303
Happinet Corp.	1,000	13,287
Hazama Ando Corp.	10,090	74,281
Heiwa Corp.	2,700	47,806
Heiwa Real Estate Company, Ltd.	1,500	56,549
Heiwado Company, Ltd.	2,000	39,947
Henнге KK (A)	500	16,992
Hibiya Engineering, Ltd.	1,500	24,508
HI-LEX Corp.	600	9,000
Hinokiya Group Company, Ltd.	300	6,694
Hioki EE Corp.	500	27,294
Hirano Tecseed Company, Ltd.	1,100	25,210
Hirata Corp.	500	29,821
Hirogin Holdings, Inc.	11,300	59,731
Hiroshima Gas Company, Ltd.	4,900	16,878
Hisaka Works, Ltd.	2,000	14,591
Hitachi Zosen Corp.	9,000	58,066
Hochiki Corp.	600	6,340
Hodogaya Chemical Company, Ltd.	700	24,880
Hogy Medical Company, Ltd.	800	24,594
Hokkaido Electric Power Company, Inc.	11,100	50,317
Hokkaido Gas Company, Ltd.	600	8,348
Hokkan Holdings, Ltd.	1,000	12,592
Hokko Chemical Industry Company, Ltd.	700	6,123
Hokuetsu Corp.	7,900	41,177
Hokuetsu Industries Company, Ltd.	2,000	20,335
Hokuhoku Financial Group, Inc.	5,900	43,211
Hokuriku Electric Power Company	9,400	51,301
Hokuto Corp.	1,600	27,663
H-One Company, Ltd.	1,000	6,819
Honeys Holdings Company, Ltd.	1,350	12,337
Hoosiers Holdings	3,400	21,818
Hosiden Corp.	3,900	34,934
Hosokawa Micron Corp.	500	26,779
Ichibanya Company, Ltd.	800	36,620
Ichigo, Inc.	15,700	49,686
Ichikoh Industries, Ltd.	2,300	15,017
Ichinen Holdings Company, Ltd.	1,900	20,829
Ichiyoshi Securities Company, Ltd.	2,800	14,503
Icom, Inc.	500	10,782
Idec Corp.	1,600	30,225
IDOM, Inc.	3,900	22,934
Iino Kaiun Kaisha, Ltd.	7,300	28,839
IJTT Company, Ltd.	1,200	7,947
Ikegami Tsushinki Company, Ltd.	400	3,031
I'll, Inc.	1,100	14,106
Imasen Electric Industrial	500	3,169
Imuraya Group Company, Ltd.	300	6,276
Inaba Denki Sangyo Company, Ltd.	2,700	62,925
Inaba Seisakusho Company, Ltd.	200	2,722
Inabata & Company, Ltd.	2,000	30,837
Inageya Company, Ltd.	900	11,936
Ines Corp.	900	11,193
i-Net Corp.	900	11,514
Infocom Corp.	1,000	27,524
Infomart Corp.	8,700	71,398
Information Services		
International-Dentsu, Ltd.	1,400	57,681
Insourc Company, Ltd.	600	12,900
Intage Holdings, Inc.	3,100	43,232
Internet Initiative Japan, Inc.	1,900	59,046
Inui Global Logistics Company, Ltd.	875	10,262

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
I-PEX, Inc.	500	\$ 11,052
IR Japan Holdings, Ltd.	400	50,290
Iriso Electronics Company, Ltd.	1,000	48,444
Iseki & Company, Ltd. (A)	1,200	16,006
Ishihara Sangyo Kaisha, Ltd.	2,100	21,160
Itfor, Inc.	1,000	7,232
ITmedia, Inc.	900	16,259
Itochu Enex Company, Ltd.	3,800	33,851
Itochu-Shokuhin Company, Ltd.	300	14,281
Itoham Yonekyu Holdings, Inc.	5,100	32,847
Itoki Corp.	2,100	6,812
IwaiCosmo Holdings, Inc.	900	13,347
J Front Retailing Company, Ltd.	3,100	27,575
J Trust Company, Ltd.	4,900	16,304
JAC Recruitment Company, Ltd.	1,200	19,214
Jaccs Company, Ltd.	1,600	37,462
JAFCO Group Company, Ltd.	1,400	87,293
Jalux, Inc. (A)	500	8,245
Jamco Corp. (A)	500	4,976
Janome Sewing Machine Company, Ltd.	1,200	8,145
Japan Asset Marketing Company, Ltd. (A)	14,200	14,320
Japan Aviation Electronics Industry, Ltd.	3,000	52,980
Japan Cash Machine Company, Ltd. (A)	700	3,532
Japan Elevator Service Holdings Company, Ltd.	2,200	51,028
Japan Investment Adviser Company, Ltd.	1,000	13,479
Japan Lifeline Company, Ltd.	2,600	31,617
Japan Material Company, Ltd.	3,700	44,984
Japan Medical Dynamic Marketing, Inc.	900	17,686
Japan Petroleum Exploration Company, Ltd.	2,000	36,053
Japan Property Management Center Company, Ltd. (B)	800	9,486
Japan Pulp & Paper Company, Ltd.	600	19,087
Japan Securities Finance Company, Ltd.	5,500	40,120
Japan Transcity Corp.	3,100	14,969
Jastec Company, Ltd.	400	4,671
JBCC Holdings, Inc.	1,200	15,771
JCU Corp.	1,300	41,884
Jeol, Ltd.	1,300	75,917
JGC Holdings Corp.	1,100	10,249
Jimoto Holdings, Inc.	980	5,661
JINS Holdings, Inc.	800	61,237
JM Holdings Company, Ltd.	600	11,900
JMS Company, Ltd.	500	3,720
J-Oil Mills, Inc.	1,200	20,311
Joshin Denki Company, Ltd.	1,100	26,650
Joyful Honda Company, Ltd.	1,900	23,202
JSB Company, Ltd.	400	14,007
JSP Corp.	800	11,498
JTOWER, Inc. (A)	400	20,226
Juki Corp.	1,400	10,000
JVCKenwood Corp.	9,070	19,382
K&O Energy Group, Inc.	800	9,511
Kadokawa Corp.	936	38,015
Kaga Electronics Company, Ltd.	1,100	29,464
Kagome Company, Ltd.	1,200	31,691
Kaken Pharmaceutical Company, Ltd.	1,300	55,783
Kameda Seika Company, Ltd.	700	27,916
Kamei Corp.	2,000	20,256
Kamigumi Company, Ltd.	1,800	36,529
Kanaden Corp.	1,100	10,390
Kanagawa Chuo Kotsu Company, Ltd.	700	22,366
Kanamic Network Company, Ltd.	600	3,544
Kanamoto Company, Ltd.	1,900	43,884

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Kandenko Company, Ltd.	4,700	\$ 36,715
Kaneka Corp.	1,600	64,555
Kanematsu Corp.	3,500	46,610
Kanematsu Electronics, Ltd.	700	22,626
Kanto Denka Kogyo Company, Ltd.	2,000	17,859
Kasai Kogyo Company, Ltd. (A)	1,000	3,604
Katakura Industries Company, Ltd.	1,700	22,808
Katitas Company, Ltd.	2,100	59,041
Kato Sangyo Company, Ltd.	1,100	33,547
Kato Works Company, Ltd.	400	3,539
Kawada Technologies, Inc.	200	6,323
Kawasaki Kisen Kaisha, Ltd. (A)	1,100	39,576
KeePer Technical Laboratory Company, Ltd.	500	13,046
Keihanshin Building Company, Ltd.	2,000	24,515
Keiyo Company, Ltd.	3,400	24,023
Kenko Mayonnaise Company, Ltd.	900	12,877
KFC Holdings Japan, Ltd.	1,500	38,137
KH Neochem Company, Ltd.	900	20,908
Kimoto Company, Ltd.	3,000	7,429
Kintetsu Department Store Company, Ltd. (A)	400	11,013
Kintetsu World Express, Inc.	1,600	33,711
Kissei Pharmaceutical Company, Ltd.	1,100	21,377
Ki-Star Real Estate Company, Ltd.	600	28,559
Kitanotatsujin Corp.	3,300	14,646
Kitz Corp.	4,600	31,273
KLab, Inc. (A)	2,100	13,102
Koa Corp.	1,700	26,466
Koatsu Gas Kogyo Company, Ltd.	3,000	17,620
Kobe Electric Railway Company, Ltd. (A)	300	9,323
Kobe Steel, Ltd.	13,000	83,503
Kohnan Shoji Company, Ltd.	1,200	41,396
Kojima Company, Ltd.	3,000	20,505
Kokuyo Company, Ltd. (B)	2,800	43,778
Komatsu Matere Company, Ltd.	2,000	16,240
KOMEDA Holdings Company, Ltd.	2,600	48,423
Komeri Company, Ltd.	1,500	35,361
Komori Corp.	3,700	27,145
Kondotec, Inc.	1,300	11,760
Konica Minolta, Inc.	9,600	53,186
Konishi Company, Ltd.	2,200	32,012
Konoike Transport Company, Ltd.	2,600	28,417
Krosaki Harima Corp.	400	15,499
Kumagai Gumi Company, Ltd.	1,800	45,427
Kumiai Chemical Industry Company, Ltd.	2,000	15,343
Kurabo Industries, Ltd.	1,600	27,372
Kureha Corp.	800	46,332
Kurimoto, Ltd.	1,000	14,885
Kusuri no Aoki Holdings Company, Ltd.	700	50,908
KYB Corp. (A)	1,000	33,828
Kyodo Printing Company, Ltd.	500	11,937
Kyoei Steel, Ltd.	1,800	23,413
Kyokuto Kaihatsu Kogyo Company, Ltd.	2,300	32,721
Kyokuto Securities Company, Ltd.	2,300	16,793
Kyokuyo Company, Ltd.	700	18,247
KYORIN Holdings, Inc.	1,900	31,049
Kyosan Electric Manufacturing Company, Ltd.	2,000	7,601
Kyudenko Corp.	1,700	54,712
Kyushu Financial Group, Inc.	13,800	48,816
LAC Company, Ltd.	1,400	13,176
Lacto Japan Company, Ltd.	800	20,143
LEC, Inc.	1,600	16,262
Life Corp.	800	25,382

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
LIFULL Company, Ltd.	3,800	\$ 12,112
Link And Motivation, Inc. (B)	2,300	16,180
Lintec Corp.	1,900	41,194
Litalico, Inc.	300	15,473
Locondo, Inc.	400	6,821
M&A Capital Partners Company, Ltd. (A)	600	29,257
Macnica Fuji Electronics Holdings, Inc.	2,650	63,645
Macromill, Inc.	2,300	17,680
Maeda Corp.	5,100	44,242
Maeda Kosen Company, Ltd.	1,100	34,532
Maeda Road Construction Company, Ltd.	600	11,808
Maewaza Kasei Industries Company, Ltd. (B)	1,100	12,088
Maewaza Kyuso Industries Company, Ltd.	1,800	16,704
Makino Milling Machine Company, Ltd.	1,200	48,432
Management Solutions Company, Ltd. (A)	1,300	32,706
Mandom Corp.	700	13,043
Mani, Inc.	3,200	73,374
MarkLines Company, Ltd.	400	10,520
Mars Group Holdings Corp.	700	10,250
Marubun Corp.	200	1,133
Marudai Food Company, Ltd.	1,600	24,459
Maruha Nichiro Corp.	1,500	31,940
Maruichi Steel Tube, Ltd.	2,200	51,722
Marusan Securities Company, Ltd.	4,700	25,534
Maruwa Company, Ltd.	300	30,209
Maruwa Unyu Kikan Company, Ltd.	1,100	15,605
Maruzen Company, Ltd.	800	15,767
Maruzen Showa Unyu Company, Ltd.	800	24,047
Marvelous, Inc.	1,400	9,949
Matsuda Sangyo Company, Ltd.	1,400	27,038
Matsui Securities Company, Ltd.	4,900	35,711
Max Company, Ltd.	2,000	32,817
Maxell Holdings, Ltd. (A)	2,200	24,597
Maxvalu Tokai Company, Ltd.	1,100	24,519
MCJ Company, Ltd.	3,200	35,713
MEC Company, Ltd.	1,500	43,604
Media Do Company, Ltd. (B)	600	24,639
Medical Data Vision Company, Ltd.	1,700	33,691
Medikit Company, Ltd.	500	14,193
MedPeer, Inc. (A)	600	23,793
Megachips Corp.	1,100	31,486
Megmilk Snow Brand Company, Ltd.	1,800	34,261
Meidensha Corp.	1,800	35,774
Meiko Electronics Company, Ltd.	1,200	35,244
Meiko Network Japan Company, Ltd.	1,100	5,723
Meisei Industrial Company, Ltd.	3,000	19,775
Meitec Corp.	1,300	70,384
Meito Sangyo Company, Ltd.	900	12,653
Melco Holdings, Inc.	500	23,846
Members Company, Ltd.	400	12,207
Menicon Company, Ltd.	1,100	77,059
METAWATER Company, Ltd.	1,600	30,420
Micronics Japan Company, Ltd.	2,100	29,142
Midac Company, Ltd.	1,000	33,768
Mie Kotsu Group Holdings, Inc.	3,700	15,594
Milbon Company, Ltd.	1,112	62,857
Mimasu Semiconductor Industry Company, Ltd.	1,400	34,442
Ministop Company, Ltd.	1,100	14,025
Mirait Holdings Corp.	4,240	75,194
Miroku Jyoho Service Company, Ltd.	700	10,051
Mitani Corp.	500	31,198
Mitani Sekisan Company, Ltd.	600	22,770
Mito Securities Company, Ltd. (B)	6,300	16,661

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Mitsuba Corp. (A)	2,300	\$ 16,986
Mitsubishi Logisnext Company, Ltd.	1,000	9,179
Mitsubishi Paper Mills, Ltd. (A)	2,600	8,452
Mitsubishi Pencil Company, Ltd.	1,500	19,442
Mitsubishi Research Institute, Inc.	500	17,793
Mitsubishi Shokuhin Company, Ltd.	600	15,188
Mitsubishi Steel Manufacturing Company, Ltd. (A)	1,000	7,952
Mitsuboshi Belting, Ltd.	1,000	15,780
Mitsui DM Sugar Holdings Company, Ltd.	1,000	16,808
Mitsui E&S Holdings Company, Ltd. (A)	4,600	21,494
Mitsui High-Tec, Inc.	900	51,577
Mitsui Matsushima Holdings Company, Ltd.	1,000	8,973
Mitsui Mining & Smelting Company, Ltd.	2,500	69,363
Mitsui-Soko Holdings Company, Ltd.	2,200	50,003
Mitsuuroko Group Holdings Company, Ltd.	3,200	34,057
Mixi, Inc.	1,800	47,508
Mizuho Leasing Company, Ltd.	1,400	47,162
Mizuno Corp.	1,400	29,788
Mochida Pharmaceutical Company, Ltd.	900	29,552
Modec, Inc.	1,700	31,481
Monex Group, Inc.	8,000	53,858
Morinaga & Company, Ltd.	1,700	54,369
Morinaga Milk Industry Company, Ltd.	900	46,907
Morita Holdings Corp.	2,200	31,755
MrMax Holdings, Ltd.	1,700	10,007
m-up Holdings, Inc.	500	15,594
Musashi Seimitsu Industry Company, Ltd.	2,600	57,889
Nachi-Fujikoshi Corp.	600	21,106
Nafco Company, Ltd.	1,100	19,857
Nagaiben Company, Ltd.	1,000	24,094
Nagase & Company, Ltd.	3,600	53,813
Nagatanien Holdings Company, Ltd.	1,000	19,246
Nagawa Company, Ltd.	300	23,224
Nakamura Company, Ltd.	300	10,254
Nakanishi, Inc.	1,300	28,463
Nakayama Steel Works, Ltd.	1,100	3,996
Namura Shipbuilding Company, Ltd. (A)	3,252	5,331
Nankai Electric Railway Company, Ltd.	2,100	44,915
Natori Company, Ltd.	700	11,885
NEC Capital Solutions, Ltd.	800	15,507
NEC Networks & System Integration Corp.	2,200	34,736
Neturen Company, Ltd.	2,300	11,593
Nextage Company, Ltd.	2,300	39,048
NHK Spring Company, Ltd.	9,100	74,906
Nice Corp.	600	11,055
Nichias Corp.	2,400	60,494
Nichiban Company, Ltd.	700	11,089
Nichicon Corp.	3,400	36,524
Nichiden Corp.	600	11,645
Nichiha Corp.	1,200	30,552
Nichi-iko Pharmaceutical Company, Ltd.	3,100	24,775
Nichireki Company, Ltd.	2,000	23,527
Nichirin Company, Ltd.	1,040	15,181
Nihon Chouzai Company, Ltd.	800	11,266
Nihon Flush Company, Ltd.	1,000	11,279
Nihon House Holdings Company, Ltd.	1,000	3,594
Nihon Kagaku Sangyo Company, Ltd.	1,000	11,615
Nihon Nohyaku Company, Ltd.	4,000	18,137
Nihon Parkerizing Company, Ltd.	3,900	39,072
Nihon Tokushu Toryo Company, Ltd.	1,000	9,816
Nikkiso Company, Ltd.	2,100	21,167

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Nikkon Holdings Company, Ltd.	2,900	\$ 63,255
Nippon Corp.	2,700	38,122
Nippon Air Conditioning Services Company, Ltd.	1,600	10,288
Nippon Beet Sugar Manufacturing Company, Ltd.	900	13,667
Nippon Carbon Company, Ltd.	500	18,857
Nippon Chemical Industrial Company, Ltd.	700	19,085
Nippon Chemi-Con Corp. (A)	1,100	26,472
Nippon Coke & Engineering Company, Ltd.	18,000	16,528
Nippon Commercial Development Company, Ltd. (B)	1,100	17,235
Nippon Concrete Industries Company, Ltd.	2,600	7,623
Nippon Denko Company, Ltd.	6,530	18,078
Nippon Densetsu Kogyo Company, Ltd.	2,100	34,100
Nippon Electric Glass Company, Ltd.	3,400	79,840
Nippon Fine Chemical Company, Ltd.	800	10,806
Nippon Gas Company, Ltd.	5,400	91,943
Nippon Hume Corp.	2,000	12,950
Nippon Kanzai Company, Ltd.	400	8,969
Nippon Kayaku Company, Ltd.	3,300	31,208
Nippon Kodoshi Corp. (B)	800	26,438
Nippon Koei Company, Ltd.	1,000	27,789
Nippon Light Metal Holdings Company, Ltd.	2,820	47,375
Nippon Paper Industries Company, Ltd.	3,600	40,382
Nippon Parking Development Company, Ltd.	8,400	12,776
Nippon Pillar Packing Company, Ltd.	1,500	29,952
Nippon Rietec Company, Ltd.	300	4,551
Nippon Seiki Company, Ltd.	3,000	32,015
Nippon Sharyo, Ltd.	600	11,353
Nippon Shokubai Company, Ltd.	200	9,639
Nippon Signal Company, Ltd.	3,000	24,743
Nippon Soda Company, Ltd.	1,200	34,766
Nippon Steel Trading Corp.	972	38,228
Nippon Suisan Kaisha, Ltd.	13,000	61,994
Nippon Thompson Company, Ltd.	4,700	25,637
Nippon Yakin Kogyo Company, Ltd.	1,000	20,472
Nipro Corp.	6,000	70,885
Nishikawa Rubber Company, Ltd.	800	10,280
Nishimatsu Construction Company, Ltd.	2,300	71,710
Nishimatsuya Chain Company, Ltd.	1,600	21,709
Nishi-Nippon Financial Holdings, Inc.	7,000	39,994
Nishi-Nippon Railroad Company, Ltd.	3,000	72,730
Nishio Rent All Company, Ltd.	800	22,332
Nissan Shatai Company, Ltd.	3,400	21,942
Nissei ASB Machine Company, Ltd.	500	22,229
Nissei Plastic Industrial Company, Ltd.	1,600	20,091
Nissha Company, Ltd.	2,300	34,623
Nisshinbo Holdings, Inc.	6,168	53,414
Nissin Corp.	1,400	18,448
Nissin Electric Company, Ltd.	3,400	42,944
Nissin Sugar Company, Ltd.	1,100	16,825
Nisso Corp.	2,400	17,897
Nitta Corp.	1,300	30,381
Nittan Valve Company, Ltd.	1,200	3,159
Nittetsu Mining Company, Ltd.	300	15,524
Nitto Boseki Company, Ltd.	800	24,683
Nitto Kogyo Corp.	1,600	26,252
Nitto Kohki Company, Ltd.	1,000	16,229
Nitto Seiko Company, Ltd.	1,700	8,638
Noevir Holdings Company, Ltd.	800	40,625
Nohmi Bosai, Ltd.	1,300	24,518

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Nojima Corp.	1,600	\$ 39,530
NOK Corp.	2,900	36,080
Nomura Company, Ltd.	3,000	25,792
Nomura Micro Science Company, Ltd.	600	23,140
Noritake Company, Ltd.	700	26,592
Noritsu Koki Company, Ltd.	1,000	21,387
Noritz Corp.	2,100	35,153
North Pacific Bank, Ltd.	12,900	27,462
NS Tool Company, Ltd.	800	10,526
NS United Kaiun Kaisha, Ltd.	800	17,426
NSD Company, Ltd.	3,000	50,122
NTN Corp. (A)	18,400	48,098
Obara Group, Inc. (B)	600	20,581
Ohsho Food Service Corp.	700	35,291
Oiles Corp.	1,380	19,214
Oisix ra daichi, Inc. (A)	1,200	43,955
Okabe Company, Ltd.	2,600	15,086
Okamoto Industries, Inc.	600	22,150
Okamura Corp.	3,700	50,149
Okasan Securities Group, Inc.	7,000	26,173
Oki Electric Industry Company, Ltd.	4,700	43,025
Okinawa Cellular Telephone Company	400	18,476
OKUMA Corp.	1,100	53,891
Okumura Corp.	1,600	42,075
Okura Industrial Company, Ltd.	800	18,016
Okuwa Company, Ltd.	1,000	9,802
Onoken Company, Ltd.	1,500	17,151
Onward Holdings Company, Ltd.	7,100	21,452
Optim Corp. (A)	700	14,274
Oporun Company, Ltd.	1,100	24,427
Organo Corp.	600	33,600
Orient Corp.	17,800	23,443
Oriental Shiraishi Corp. (A)	7,600	19,018
Origin Company, Ltd.	600	7,500
Oro Company, Ltd.	700	24,826
Osaka Organic Chemical Industry, Ltd.	800	31,577
Osaka Soda Company, Ltd.	800	17,536
Osaka Steel Company, Ltd.	700	7,041
OSAKA Titanium Technologies Company, Ltd. (A)	800	5,703
Osaki Electric Company, Ltd.	3,000	16,406
OSG Corp.	3,300	57,280
Outsourcing, Inc.	5,800	105,306
OYO Corp.	1,300	14,604
Pacific Industrial Company, Ltd.	3,000	32,298
Pacific Metals Company, Ltd.	1,100	16,831
PAL GROUP Holdings Company, Ltd.	1,400	21,831
Paramount Bed Holdings Company, Ltd.	1,600	28,487
Paris Miki Holdings, Inc.	1,100	2,650
Pasona Group, Inc.	1,300	25,237
PC Depot Corp. (B)	1,700	7,312
Penta-Ocean Construction Company, Ltd.	12,400	86,406
Pickles Corp.	400	12,683
Pilot Corp.	1,200	40,721
Piolax, Inc.	2,100	28,901
Plenus Company, Ltd. (A)	900	16,465
Poletowin Pitcrew Holdings, Inc.	2,000	19,647
Precision System Science Company, Ltd. (A)	500	3,740
Premium Group Company, Ltd.	800	25,310
Premium Water Holdings, Inc. (A)	400	13,120
Press Kogyo Company, Ltd.	7,000	21,880
Pressance Corp.	700	9,400
Prestige International, Inc.	5,000	31,575
Prima Meat Packers, Ltd.	1,500	40,570

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Pronexus, Inc.	600	\$ 5,522
Prospect Company, Ltd. (A)	33,000	8,897
Proto Corp.	400	4,732
PS Mitsubishi Construction Company, Ltd.	2,600	14,452
Punch Industry Company, Ltd.	1,300	8,344
Qol Holdings Company, Ltd.	1,400	19,585
Raccoon Holdings, Inc.	800	16,451
Raito Kogyo Company, Ltd.	2,400	39,036
Raiznext Corp.	3,300	34,359
Raysum Company, Ltd.	1,600	11,989
Relia, Inc.	2,100	25,627
Renaissance, Inc.	500	5,506
Rengo Company, Ltd.	4,000	33,339
RENOVA, Inc. (A)	700	27,535
Resorttrust, Inc.	3,700	60,399
Restar Holdings Corp.	1,600	27,176
Retail Partners Company, Ltd.	300	3,171
Rheon Automatic Machinery Company, Ltd.	1,500	19,433
Ricoh Leasing Company, Ltd.	800	24,805
Riken Corp.	600	13,788
Riken Keiki Company, Ltd.	400	9,550
Riken Technos Corp.	3,000	16,614
Riken Vitamin Company, Ltd.	1,400	19,616
Rion Company, Ltd.	500	13,157
Riso Kagaku Corp.	500	8,001
Riso Kyoiku Company, Ltd.	9,300	27,806
Rock Field Company, Ltd.	1,000	13,280
Rokko Butter Company, Ltd.	600	8,399
Roland DG Corp.	900	21,612
Rorze Corp.	400	35,084
RS Technologies Company, Ltd.	400	23,515
Ryobi, Ltd.	1,400	19,574
Ryoden Corp.	1,500	21,974
Ryosan Company, Ltd.	1,500	27,250
Ryoyo Electro Corp.	500	11,676
S Foods, Inc.	900	26,668
S&B Foods, Inc.	600	24,800
Sac's Bar Holdings, Inc.	600	3,367
Saibu Gas Holdings Company, Ltd.	1,500	32,923
Saint-Care Holding Corp.	1,900	18,109
Saizeriya Company, Ltd.	1,100	26,421
Sakai Chemical Industry Company, Ltd.	1,400	23,354
Sakai Moving Service Company, Ltd.	500	25,892
Sakata INX Corp.	3,100	28,239
Sakata Seed Corp.	200	6,566
Sala Corp.	3,000	15,655
SAMTY Company, Ltd.	1,600	30,683
San ju San Financial Group, Inc.	1,700	20,692
San-A Company, Ltd.	900	34,227
San-Ai Oil Company, Ltd.	3,500	40,648
Sangetsu Corp.	2,100	29,296
Sanken Electric Company, Ltd. (A)	400	19,897
Sanki Engineering Company, Ltd.	2,000	25,342
Sankyo Company, Ltd.	1,900	48,586
Sankyo Seiko Company, Ltd.	3,200	15,669
Sankyo Tateyama, Inc.	2,500	19,280
Sanoh Industrial Company, Ltd.	1,900	20,017
Sansan, Inc. (A)	600	52,746
Sanshin Electronics Company, Ltd. (B)	700	13,650
Sanyo Chemical Industries, Ltd.	600	29,273
Sanyo Denki Company, Ltd.	400	27,644
Sanyo Electric Railway Company, Ltd.	1,600	27,283
Sanyo Shokai, Ltd. (A)	700	5,943
Sanyo Special Steel Company, Ltd. (A)	1,400	20,324

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Sapporo Holdings, Ltd.	2,700	\$ 56,309
Sato Holdings Corp.	1,700	41,713
Sawada Holdings Company, Ltd.	1,000	8,990
Sawai Group Holdings Company, Ltd.	1,800	80,309
SBS Holdings, Inc.	900	27,002
Seika Corp.	500	7,207
Seikagaku Corp.	1,700	16,523
Seikitokyu Kogyo Company, Ltd.	1,600	12,245
Seiko Holdings Corp.	1,400	27,938
Seiren Company, Ltd.	2,700	53,239
Sekisui Jushi Corp.	1,600	30,505
Sekisui Kasei Company, Ltd.	2,500	13,598
Senko Group Holdings Company, Ltd.	4,700	45,927
Senshu Electric Company, Ltd.	500	17,479
Senshu Ikeda Holdings, Inc.	17,200	24,621
Senshukai Company, Ltd. (B)	3,300	11,279
Septeni Holdings Company, Ltd.	4,800	21,167
Seven Bank, Ltd.	28,000	59,525
Shibaura Electronics Company, Ltd.	500	24,639
Shibaura Machine Company, Ltd.	1,600	35,238
Shibaura Mechatronics Corp.	300	21,985
Shibuya Corp.	800	22,404
Shikibo, Ltd.	1,100	9,336
Shikoku Chemicals Corp.	3,000	35,385
Shikoku Electric Power Company, Inc.	5,600	38,144
Shima Seiki Manufacturing, Ltd.	1,200	20,567
Shinagawa Refractories Company, Ltd.	600	20,308
Shindengen Electric Manufacturing Company, Ltd. (A)	500	21,181
Shin-Etsu Polymer Company, Ltd.	3,000	27,733
Shinko Shoji Company, Ltd.	1,900	13,282
Shinmaywa Industries, Ltd.	2,400	20,734
Shinnihon Corp.	2,500	18,918
Shinoken Group Company, Ltd.	2,000	21,921
Shinwa Company, Ltd.	700	13,800
Ship Healthcare Holdings, Inc.	900	21,029
Shizuoka Gas Company, Ltd.	4,500	40,404
Shoel Company, Ltd.	1,200	45,322
Shoel Foods Corp.	700	23,623
Shofu, Inc.	600	10,670
Showa Sangyo Company, Ltd.	1,000	26,909
SIGMAXYZ, Inc.	900	19,177
Siix Corp.	1,600	20,434
Sinanen Holdings Company, Ltd.	800	21,908
Sinfonia Technology Company, Ltd.	1,600	17,981
Sinko Industries, Ltd.	1,500	25,320
Sintokogio, Ltd.	3,400	25,163
SKY Perfect JSAT Holdings, Inc.	7,800	28,459
Smaregi, Inc. (A)	200	12,051
SMK Corp.	300	6,657
SMS Company, Ltd.	2,400	71,718
Sodick Company, Ltd.	2,400	22,042
Softcreate Holdings Corp.	700	16,017
Software Service, Inc.	200	18,718
Soken Chemical & Engineering Company, Ltd.	800	14,325
Solasto Corp.	3,200	40,551
Sotetsu Holdings, Inc.	3,600	71,065
Sourcenext Corp.	3,600	10,292
Space Value Holdings Company, Ltd. (A)	2,000	12,923
Sparx Group Company, Ltd.	7,400	17,021
S-Pool, Inc.	5,000	45,042
SRA Holdings	600	14,413
St. Marc Holdings Company, Ltd.	800	11,476
Star Mica Holdings Company, Ltd.	1,100	11,871

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Star Micronics Company, Ltd.	2,300	\$ 34,996
Starts Corp., Inc.	1,900	48,565
Starzen Company, Ltd.	600	11,374
Stella Chemifa Corp.	800	20,751
Strike Company, Ltd.	700	27,901
Studio Alice Company, Ltd.	900	19,998
Sugimoto & Company, Ltd.	700	14,182
Sumida Corp.	1,600	17,401
Suminoe Textile Company, Ltd.	500	9,182
Sumitomo Bakelite Company, Ltd.	1,200	53,093
Sumitomo Densetsu Company, Ltd.	1,300	26,763
Sumitomo Mitsui Construction Company, Ltd.	6,000	25,505
Sumitomo Osaka Cement Company, Ltd.	1,500	40,867
Sumitomo Riko Company, Ltd.	2,400	15,644
Sumitomo Seika Chemicals Company, Ltd.	500	16,191
Sun Frontier Fudousan Company, Ltd.	2,200	20,698
Suruga Bank, Ltd.	4,200	12,593
SWCC Showa Holdings Company, Ltd.	2,400	37,975
Systema Corp.	2,700	51,640
Syuppin Company, Ltd.	1,200	12,154
T Hasegawa Company, Ltd.	1,600	35,431
T RAD Company, Ltd.	500	12,015
T&K Toka Company, Ltd.	1,600	12,213
Tachibana Eletech Company, Ltd.	1,360	17,605
Tachi-S Company, Ltd.	2,400	32,222
Tadano, Ltd.	5,000	52,157
Taihei Dengyo Kaisha, Ltd.	1,000	23,538
Taiho Kogyo Company, Ltd.	1,200	10,606
Taikisha, Ltd.	900	26,858
Taiko Pharmaceutical Company, Ltd. (B)	1,200	10,997
Taisei Lamick Company, Ltd.	500	12,118
Taiyo Holdings Company, Ltd.	1,000	47,268
Takamatsu Construction Group Company, Ltd.	1,000	18,193
Takaoka Toko Company, Ltd.	700	8,548
Takara Leben Company, Ltd.	6,300	19,041
Takara Standard Company, Ltd.	2,200	30,125
Takasago International Corp.	1,200	29,206
Takasago Thermal Engineering Company, Ltd.	1,700	28,368
Takashimaya Company, Ltd.	5,600	61,052
Take And Give Needs Company, Ltd. (A)	200	1,773
Takeei Corp.	700	9,889
Takeuchi Manufacturing Company, Ltd.	1,600	39,861
Takihyo Company, Ltd.	600	10,066
Takuma Company, Ltd.	3,000	45,333
Tama Home Company, Ltd.	1,000	20,611
Tamron Company, Ltd.	1,500	32,919
Tamura Corp. (B)	6,000	45,033
Tanseisha Company, Ltd.	1,100	8,779
Tatsuta Electric Wire & Cable Company, Ltd.	4,200	20,816
Tayca Corp.	1,500	17,335
TDC Soft, Inc.	1,200	10,781
TechMatrix Corp.	1,400	23,149
Techno Horizon Company, Ltd.	1,400	21,541
Teikoku Electric Manufacturing Company, Ltd.	1,700	19,430
Teikoku Sen-I Company, Ltd.	1,200	22,599
Tekken Corp.	800	13,289
Tenma Corp.	1,000	23,086
T-Gaia Corp.	900	15,821
The 77 Bank, Ltd.	2,800	30,805
The Aichi Bank, Ltd.	600	14,961

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
The Akita Bank, Ltd.	1,100	\$ 13,824
The Aomori Bank, Ltd.	1,700	31,421
The Awa Bank, Ltd.	2,200	39,840
The Bank of Iwate, Ltd.	1,100	16,882
The Bank of Nagoya, Ltd.	1,100	24,582
The Bank of Okinawa, Ltd.	1,140	25,379
The Bank of Saga, Ltd.	1,000	12,314
The Chiba Kogyo Bank, Ltd.	3,200	7,477
The Chugoku Bank, Ltd.	5,700	43,440
The Chukyo Bank, Ltd.	900	11,525
The Ehime Bank, Ltd.	2,100	14,783
The First Bank of Toyama, Ltd.	2,800	6,907
The Fukui Bank, Ltd.	1,800	21,869
The Fukushima Bank, Ltd. (A)	2,100	4,453
The Gunma Bank, Ltd.	14,200	44,881
The Hachijuni Bank, Ltd.	14,100	45,579
The Hokkoku Bank, Ltd.	1,500	29,907
The Hyakugo Bank, Ltd.	12,500	34,476
The Hyakujushi Bank, Ltd.	1,700	22,336
The Iyo Bank, Ltd.	9,200	45,337
The Japan Steel Works, Ltd.	2,600	66,754
The Japan Wool Textile Company, Ltd.	4,000	34,863
The Juroku Bank, Ltd.	1,700	29,983
The Keiyo Bank, Ltd.	4,400	16,140
The Kinki Sharyo Company, Ltd.	300	3,218
The Kita-Nippon Bank, Ltd.	700	10,392
The Kiyo Bank, Ltd.	3,800	49,272
The Michinoku Bank, Ltd.	1,400	11,720
The Miyazaki Bank, Ltd.	1,000	17,846
The Monogatari Corp.	400	26,893
The Musashino Bank, Ltd.	1,700	25,569
The Nagano Bank, Ltd.	800	8,192
The Nanto Bank, Ltd.	2,000	33,114
The Nippon Road Company, Ltd.	500	34,730
The Nisshin Oil Group, Ltd.	1,200	33,182
The Ogaki Kyoritsu Bank, Ltd.	1,600	26,745
The Oita Bank, Ltd.	900	13,587
The Okinawa Electric Power Company, Inc.	1,990	24,837
The Pack Corp. (B)	800	19,455
The San-In Godo Bank, Ltd.	8,000	38,938
The Shibusawa Warehouse Company, Ltd.	1,000	19,054
The Shiga Bank, Ltd.	2,200	38,578
The Shikoku Bank, Ltd.	2,800	17,581
The Shimizu Bank, Ltd.	500	6,605
The Sumitomo Warehouse Company, Ltd.	3,324	47,859
The Tochigi Bank, Ltd.	8,000	12,343
The Toho Bank, Ltd.	12,000	22,054
The Tohoku Bank, Ltd.	400	3,625
The Tottori Bank, Ltd.	400	3,987
The Towa Bank, Ltd.	2,900	13,209
The Yamagata Bank, Ltd.	2,000	14,953
The Yamanashi Chuo Bank, Ltd.	2,000	14,576
Tigers Polymer Corp.	1,000	4,116
TKC Corp.	1,200	36,315
Toa Corp. (Hyogo)	1,400	11,236
Toa Corp. (Tokyo) (B)	1,200	26,559
Toagosei Company, Ltd.	4,300	43,726
Tobishima Corp.	720	6,823
TOC Company, Ltd.	3,400	20,856
Tocalo Company, Ltd.	3,200	40,263
Toda Corp.	1,500	10,349
Toda Kogyo Corp. (A)	300	6,907
Toenec Corp.	600	19,485
Toho Company, Ltd. (A)	600	8,635



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Toho Holdings Company, Ltd.	2,400	\$ 38,697
Toho Titanium Company, Ltd.	3,000	27,955
Toho Zinc Company, Ltd.	800	13,547
Tokai Corp.	1,200	26,271
TOKAI Holdings Corp.	4,000	32,565
Tokai Rika Company, Ltd.	2,600	41,809
Tokai Tokyo Financial Holdings, Inc.	11,500	40,788
Token Corp.	410	37,441
Tokushu Tokai Paper Company, Ltd.	600	23,185
Tokuyama Corp.	2,600	52,966
Tokyo Base Company, Ltd. (A)	900	5,681
Tokyo Electron Device, Ltd.	400	19,637
Tokyo Energy & Systems, Inc.	2,000	17,242
Tokyo Keiki, Inc.	1,000	9,644
Tokyo Kiraboshi Financial Group, Inc.	1,936	26,117
Tokyo Rakutenchi Company, Ltd.	200	7,481
Tokyo Rope Manufacturing Company, Ltd. (A)	200	1,997
Tokyo Seimitsu Company, Ltd.	1,800	81,262
Tokyo Steel Manufacturing Company, Ltd.	5,100	50,923
Tokyo Tekko Company, Ltd.	800	11,142
Tokyo Theatres Company, Inc. (A)	900	10,271
Tokyotokeiba Company, Ltd.	600	24,519
Tokyu Construction Company, Ltd.	3,900	27,654
Tomato Bank, Ltd.	1,100	10,204
Tomen Devices Corp.	200	7,319
Tomoe Corp.	2,200	7,497
Tomoku Company, Ltd.	500	8,536
TOMONY Holdings, Inc.	10,600	28,044
Tomy Company, Ltd.	4,500	38,535
Tonami Holdings Company, Ltd.	500	20,985
Topcon Corp.	4,700	69,923
Toppa Forms Company, Ltd.	3,400	33,084
Topre Corp.	2,300	33,010
Topy Industries, Ltd.	1,300	15,178
Torex Semiconductor, Ltd.	700	19,788
Toridoll Holdings Corp.	2,800	47,460
Torii Pharmaceutical Company, Ltd.	1,100	24,074
Torishima Pump Manufacturing Company, Ltd.	900	6,965
Tosei Corp.	2,500	24,124
Toshiba TEC Corp. (A)	1,100	45,232
Tosho Company, Ltd.	800	13,812
Totetsu Kogyo Company, Ltd.	1,000	20,282
Towa Corp.	1,300	26,604
Towa Pharmaceutical Company, Ltd.	1,500	36,501
Toyo Construction Company, Ltd.	3,100	15,854
Toyo Denki Seizo KK	600	6,301
Toyo Engineering Corp. (A)(B)	2,200	14,053
Toyo Gosei Company, Ltd.	300	33,218
Toyo Ink SC Holdings Company, Ltd.	2,200	39,000
Toyo Kanetsu KK	400	8,869
Toyo Securities Company, Ltd.	6,000	8,691
Toyo Tanso Company, Ltd.	1,000	25,242
Toyo Wharf & Warehouse Company, Ltd.	600	8,362
Toyobo Company, Ltd.	4,093	49,092
TPR Company, Ltd.	1,400	18,621
Trancom Company, Ltd.	400	28,701
Transaction Company, Ltd.	1,700	23,085
Transcosmos, Inc.	800	22,106
Tri Chemical Laboratories, Inc.	1,200	35,447
Trusco Nakayama Corp.	2,200	56,145
TS Tech Company, Ltd.	2,500	38,709
TSI Holdings Company, Ltd. (A)	5,270	15,697
Tsubaki Nakashima Company, Ltd.	2,300	35,433

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Tsubakimoto Chain Company	1,600	\$ 45,687
Tsugami Corp.	1,600	24,626
Tsukishima Kikai Company, Ltd.	2,000	20,840
Tsukuba Bank, Ltd.	5,700	8,839
Tsumura & Company	1,200	37,720
Tsurumi Manufacturing Company, Ltd.	1,000	15,620
TV Asahi Holdings Corp.	700	11,128
UACJ Corp. (A)	1,903	47,732
Ube Industries, Ltd.	4,400	89,411
Ubicom Holdings, Inc.	500	16,313
Uchida Yoko Company, Ltd.	400	17,723
Ulvac, Inc.	1,900	96,210
Uniden Holdings Corp.	400	9,115
Union Tool Company	700	25,065
Unipres Corp.	2,600	21,398
United Arrows, Ltd. (A)	1,200	23,321
United Super Markets Holdings, Inc.	2,400	23,457
UNITED, Inc.	1,300	17,857
Unitika, Ltd. (A)	5,900	18,692
Universal Entertainment Corp. (A)	800	17,782
Ushio, Inc.	5,200	95,062
UT Group Company, Ltd.	1,500	43,772
UUUM Company, Ltd. (A)	800	11,056
Uzabase, Inc. (A)	300	7,206
V Technology Company, Ltd.	400	19,193
Valor Holdings Company, Ltd.	1,700	34,606
Valqua, Ltd.	1,000	19,556
ValueCommerce Company, Ltd.	900	26,125
Vector, Inc. (A)	3,100	26,852
Vital KSK Holdings, Inc.	3,500	22,531
VT Holdings Company, Ltd.	6,600	27,460
Wacoal Holdings Corp.	1,900	43,037
Wacom Company, Ltd.	8,000	50,829
Wakachiku Construction Company, Ltd.	900	12,458
Wakita & Company, Ltd.	2,300	21,199
Warabeya Nichiyo Holdings Company, Ltd.	900	17,575
Watahan & Company, Ltd.	600	6,474
WDB Holdings Company, Ltd.	700	18,311
Weathernews, Inc. (B)	300	15,685
West Holdings Corp.	1,416	49,927
Will Group, Inc.	1,200	10,940
WIN-Partners Company, Ltd.	1,000	9,023
World Company, Ltd.	700	9,235
World Holdings Company, Ltd.	600	16,392
Wowow, Inc.	600	13,022
Xebio Holdings Company, Ltd.	2,800	24,427
Yahagi Construction Company, Ltd.	2,000	12,805
Yaizu Suisankagaku Industry Company, Ltd.	1,100	9,644
YAKUODO Holdings Company, Ltd.	700	14,938
YAMABIKO Corp.	2,400	26,318
YAMADA Consulting Group Company, Ltd.	1,100	11,623
Yamaguchi Financial Group, Inc.	9,600	55,005
Yamaichi Electronics Company, Ltd.	1,700	25,414
YA-MAN, Ltd.	1,700	22,811
Yamato Kogyo Company, Ltd.	2,100	69,372
Yamazen Corp.	3,900	35,131
Yaoko Company, Ltd.	800	45,918
Yasuda Logistics Corp.	1,400	11,899
Yellow Hat, Ltd.	2,000	35,455
Yodogawa Steel Works, Ltd.	1,200	24,187
Yokogawa Bridge Holdings Corp.	2,100	39,813
Yokohama Reito Company, Ltd.	2,900	23,054

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Yokowo Company, Ltd.	1,200	\$ 27,378
Yomeishu Seizo Company, Ltd.	500	8,137
Yondenko Corp.	600	17,717
Yondoshi Holdings, Inc.	1,300	22,177
Yorozu Corp.	1,800	19,109
Yuasa Trading Company, Ltd.	1,100	29,833
Yurtec Corp.	2,000	12,993
Yushiro Chemical Industry Company, Ltd.	1,100	11,873
Zenrin Company, Ltd.	1,950	20,001
ZERIA Pharmaceutical Company, Ltd.	1,200	22,651
		28,487,782
<b>Jersey, Channel Islands - 0.2%</b>		
Atrium European Real Estate, Ltd. (A)	10,137	36,056
Centamin PLC	57,981	81,329
JTC PLC (D)	3,654	31,070
Sanne Group PLC	4,126	47,508
		195,963
<b>Liechtenstein - 0.0%</b>		
Liechtensteinische Landesbank AG	726	41,486
VP Bank AG, Class A	188	22,572
		64,058
<b>Luxembourg - 0.6%</b>		
APERAM SA	2,415	124,025
B&S Group Sarl (D)	983	10,123
Befesa SA (D)	1,318	101,296
Corestate Capital Holding SA (A)(B)	623	8,146
Grand City Properties SA	5,978	161,451
IVS Group SA (A)(B)	880	6,365
L'Occitane International SA	17,000	62,257
RTL Group SA	241	14,352
SES SA	13,554	103,652
Shurgard Self Storage SA	865	41,792
Stabilus SA	1,221	99,459
Sword Group	278	12,600
		745,518
<b>Macau - 0.0%</b>		
MECOM Power and Construction, Ltd. (B)	39,000	19,545
<b>Malaysia - 0.2%</b>		
Frencken Group, Ltd.	15,400	21,460
Lynas Rare Earths, Ltd. (A)	41,228	176,238
		197,698
<b>Malta - 0.1%</b>		
Catena Media PLC (A)	3,412	27,303
Kindred Group PLC	10,097	158,406
		185,709
<b>Netherlands - 2.8%</b>		
Aalberts NV	4,827	259,980
Accell Group NV (A)	1,149	61,762
AMG Advanced Metallurgical Group NV	1,350	46,291
Amsterdam Commodities NV	707	19,200
Arcadis NV	4,501	184,554
ASR Nederland NV	6,907	267,449
Basic-Fit NV (A)(D)	2,099	90,042
BE Semiconductor Industries NV	3,676	313,260
Beter Bed Holding NV (A)	1,056	10,116
Boskalis Westminster	3,567	114,643
Brack Capital Properties NV (A)	230	24,529
Brunel International NV	1,126	14,610
Corbion NV	2,691	154,102
Euronext NV (D)	2,271	247,058
Flow Traders (D)	1,631	70,189
ForFarmers NV	2,398	14,173
Fugro NV (A)	4,034	38,663

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Netherlands (continued)</b>		
GrandVision NV (D)	2,427	\$ 81,161
Heijmans NV	2,129	32,589
Hunter Douglas NV (A)	312	34,120
IMCD NV	2,557	407,419
Innoconcepts NV (A)(C)	10,527	0
Intertrust NV (A)(D)	3,549	63,949
Kendrion NV	1,111	30,346
Koninklijke BAM Groep NV (A)	15,496	43,157
Koninklijke Vopak NV	767	34,866
Nedap NV	225	15,521
OCI NV (A)	2,416	58,954
Ordina NV	5,537	24,891
PostNL NV (B)	27,297	148,315
SBM Offshore NV	6,900	104,975
SIF Holding NV	504	8,837
Signify NV (D)	5,815	369,123
Sligro Food Group NV (A)	1,151	33,856
TKH Group NV	1,730	87,414
TomTom NV (A)	3,258	27,322
Van Lanschot Kempen NV	1,515	38,571
		3,576,007
<b>New Zealand - 0.6%</b>		
Air New Zealand, Ltd. (A)	12,658	13,714
Arvida Group, Ltd.	10,871	15,500
Chorus, Ltd.	15,573	69,659
Freightways, Ltd.	5,543	48,821
Genesis Energy, Ltd.	5,896	14,010
Gentrack Group, Ltd. (A)(B)	3,060	4,404
Hallenstein Glasson Holdings, Ltd.	3,354	17,459
Heartland Group Holdings, Ltd.	17,857	25,824
Infratil, Ltd.	14,095	75,856
Investore Property, Ltd.	13,816	19,521
Kathmandu Holdings, Ltd.	13,663	15,379
NZME, Ltd. (A)	13,259	6,966
NZX, Ltd.	13,956	19,514
Oceania Healthcare, Ltd.	38,728	40,310
Pacific Edge, Ltd. (A)	25,836	22,206
PGG Wrightson, Ltd.	819	1,948
Restaurant Brands New Zealand, Ltd. (A)	886	8,886
Sanford, Ltd. (A)(B)	2,767	9,871
Scales Corp., Ltd.	5,176	17,331
Serko, Ltd. (A)	2,827	14,812
Skellerup Holdings, Ltd.	7,637	26,680
SKY Network Television, Ltd. (A)	75,182	9,144
SKYCITY Entertainment Group, Ltd. (A)	26,675	65,458
Summerset Group Holdings, Ltd.	7,513	70,413
Synlait Milk, Ltd. (A)(B)	5,495	13,974
The New Zealand Refining Company, Ltd. (A)	11,354	5,318
The Warehouse Group, Ltd.	9,894	24,010
Tourism Holdings, Ltd. (A)	6,508	11,501
TOWER, Ltd.	12,717	6,579
Trustpower, Ltd.	1,665	9,415
Vista Group International, Ltd. (A)	7,682	12,833
Z Energy, Ltd.	13,725	26,287
		743,603
<b>Norway - 0.8%</b>		
ABG Sundal Collier Holding ASA	13,972	15,970
Akastor ASA (A)(B)	6,104	4,538
Aker Solutions ASA (A)	18,496	34,456
American Shipping Company ASA (A)	1,661	5,953
Atea ASA (A)	4,256	82,795
Austevoll Seafood ASA	219	2,718
Axactor SE (A)	14,729	17,700
B2Holding ASA (A)	4,699	5,380

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Norway (continued)</b>		
Bonheur ASA	1,672	\$ 47,278
Borregaard ASA	4,895	106,893
Bouvet ASA	1,310	9,324
BW Offshore, Ltd.	4,568	16,335
Crayon Group Holding ASA (A)(D)	1,229	17,964
DNO ASA (A)	36,835	42,948
Europris ASA (D)	8,327	52,218
Fjordkraft Holding ASA (D)	3,193	18,983
FLEX LNG, Ltd.	1,570	22,699
Frontline, Ltd.	5,015	45,343
Grieg Seafood ASA (A)	2,264	23,335
Hexagon Composites ASA (A)	6,450	27,947
IDEX Biometrics ASA (A)(B)	19,564	4,877
Kid ASA (D)	1,128	13,948
Kitron ASA	9,158	21,129
Medistim ASA	349	10,331
Nordic Nanovector ASA (A)	2,098	6,354
Nordic Semiconductor ASA (A)	582	14,756
Norway Royal Salmon ASA	1,038	20,802
Norwegian Finans Holding ASA	5,444	61,325
Norwegian Property ASA	9,694	16,812
Ocean Yield ASA (B)	4,830	16,697
Odffjell Drilling, Ltd. (A)	4,970	13,808
Olav Thon Eiendomsselskap ASA (A)	577	11,936
Otello Corp. ASA (A)	6,623	24,683
PGS ASA (A)	19,660	10,321
Protector Forsikring ASA	4,177	40,157
Selvaag Bolig ASA	1,842	12,730
Sparebank 1 Oestlandet	758	10,477
SpareBank 1 SR-Bank ASA	1,360	17,964
TGS ASA	3,905	49,795
Treasure ASA	3,110	6,015
Veidekke ASA	4,419	59,135
Wilh Wilhelmsen Holding ASA, Class A	862	18,218
XXL ASA (A)(D)	4,462	9,455
		1,072,502
<b>Peru - 0.0%</b>		
Hochschild Mining PLC	16,530	35,121
<b>Portugal - 0.3%</b>		
Altri SGPS SA	3,125	19,433
Banco Comercial Portugues SA (A)	381,018	61,114
CTT-Correios de Portugal SA	8,914	51,049
Mota-Engil SGPS SA (A)	5,636	9,348
NOS SGPS SA	13,982	48,952
<b>REN - Redes Energeticas Nacionais</b>		
SGPS SA	21,605	59,931
Sonae SGPS SA	44,348	42,174
The Navigator Company SA	12,847	44,001
		336,002
<b>Russia - 0.0%</b>		
Petropavlovsk PLC (A)	156,141	51,214
<b>Singapore - 1.3%</b>		
Accordia Golf Trust (C)	40,300	21,728
AEM Holdings, Ltd.	9,100	25,969
Ascendas India Trust	45,100	46,663
Banyan Tree Holdings, Ltd. (A)	19,800	5,009
Best World International, Ltd. (A)(C)	16,300	9,479
BOC Aviation, Ltd. (D)	6,100	51,461
Boustead Projects, Ltd.	3,000	2,793
Boustead Singapore, Ltd.	10,000	8,701
Bukit Sembawang Estates, Ltd.	11,000	42,851
BW Energy, Ltd. (A)	932	2,834
BW LPG, Ltd. (D)	4,059	26,234
China Aviation Oil Singapore Corp., Ltd.	14,400	11,047

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Singapore (continued)</b>		
Chip Eng Seng Corp., Ltd.	33,000	\$ 10,924
ComfortDelGro Corp., Ltd.	86,000	105,098
COSCO Shipping International Singapore Company, Ltd. (A)	58,900	12,940
CSE Global, Ltd.	34,000	13,428
Delfi, Ltd.	21,900	15,246
Ezion Holdings, Ltd. (A)(C)	131,300	4,199
Far East Orchard, Ltd.	5,000	4,061
First Resources, Ltd.	19,300	19,267
Fraser and Neave, Ltd.	8,600	9,416
Gallant Venture, Ltd. (A)	71,000	6,864
Golden Agri-Resources, Ltd.	323,200	55,391
GuocoLand, Ltd.	10,400	12,386
Halcyon Agri Corp., Ltd. (A)	4,293	798
Haw Par Corp., Ltd.	4,700	47,921
Ho Bee Land, Ltd.	11,400	24,453
Hong Fok Corp., Ltd.	20,100	12,417
Hong Leong Finance, Ltd.	12,900	23,414
Hyflux, Ltd. (A)	24,000	240
iFAST Corp., Ltd.	8,800	53,429
IGG, Inc.	38,000	50,205
Indofood Agri Resources, Ltd. (A)	25,000	6,335
Japfa, Ltd.	22,700	13,943
Kenon Holdings, Ltd.	787	27,159
Keppel Infrastructure Trust	157,190	64,883
Metro Holdings, Ltd.	31,600	18,726
Midas Holdings, Ltd. (A)(C)	86,000	10,437
NetLink NBN Trust	91,900	64,964
Oceanus Group, Ltd. (A)	1,035,500	29,332
OM Holdings, Ltd. (A)(B)	10,791	6,686
OUE, Ltd.	11,100	10,990
Oxley Holdings, Ltd.	26,867	4,712
Raffles Medical Group, Ltd.	35,758	31,407
Razer, Inc. (A)(D)	81,000	22,016
Riverstone Holdings, Ltd.	31,400	28,759
SATS, Ltd. (A)	13,400	39,247
SBS Transit, Ltd.	5,000	11,235
Sembcorp Industries, Ltd.	36,100	57,582
Sembcorp Marine, Ltd. (A)	325,134	29,121
Sheng Siong Group, Ltd.	29,900	35,141
SIA Engineering Company, Ltd.	12,800	20,520
SIIC Environment Holdings, Ltd.	35,800	5,463
Sinarmas Land, Ltd.	94,200	19,677
Singapore Land Group, Ltd.	7,100	14,413
Singapore Post, Ltd.	66,100	35,181
Singapore Press Holdings, Ltd.	66,000	84,130
Stamford Land Corp., Ltd.	59,000	23,705
StarHub, Ltd.	25,600	23,251
Straits Trading Company, Ltd.	1,200	2,565
Swiber Holdings, Ltd. (A)(C)	15,000	730
The Hour Glass, Ltd.	10,100	11,895
Thomson Medical Group, Ltd. (A)	212,000	13,581
UMS Holdings, Ltd.	14,000	15,874
UOB-Kay Hian Holdings, Ltd.	14,981	17,393
Wing Tai Holdings, Ltd.	21,205	28,425
XP Power, Ltd.	824	63,610
Yeo Hiap Seng, Ltd.	1,129	781
		1,630,735
<b>South Africa - 0.1%</b>		
Investec PLC	24,092	96,235
Mediclinic International PLC (A)	18,139	74,618
		170,853
<b>Spain - 2.0%</b>		
Acciona SA	625	94,392
Accerinox SA	7,380	89,361

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Spain (continued)</b>		
Aedas Homes SA (A)(D)	426	\$ 11,788
Alantra Partners SA	1,181	20,876
Almirall SA	2,459	42,934
Amper SA (A)	82,546	17,055
Applus Services SA (A)	6,225	60,816
Atresmedia Corp. de Medios de Comunicacion SA (A)	6,046	26,500
Banco de Sabadell SA (A)	187,343	127,901
Bankinter SA	27,501	138,358
Caja de Ahorros del Mediterraneo (A)(C)	5,428	0
Cia de Distribucion Integral Logista Holdings SA	1,412	29,031
CIE Automotive SA	2,718	80,486
Construcciones y Auxiliar de Ferrocarriles SA	1,139	48,094
Ebro Foods SA	3,323	69,848
eDreams ODIGEO SA (A)	4,905	39,569
Elecnor SA	2,026	26,179
Enagas SA	8,670	200,389
Ence Energia y Celulosa SA (A)	6,294	25,616
Ercros SA (A)	5,006	19,935
Euskaltel SA (D)	3,494	45,510
Faes Farma SA	12,916	51,561
Fluidra SA	2,959	117,559
Fomento de Construcciones y Contratas SA (A)	2,275	26,437
Gestamp Automocion SA (A)(D)	2,814	14,924
Global Dominion Access SA (A)(D)	5,439	28,226
Grupo Catalana Occidente SA	2,346	90,638
Grupo Empresarial San Jose SA	2,194	13,561
Iberpapel Gestion SA	65	1,379
Indra Sistemas SA (A)	4,996	45,649
Laboratorios Farmaceuticos Rovi SA	987	68,396
Liberbank SA	99,251	36,457
Linea Directa Aseguradora SA Cia de Seguros y Reaseguros (A)	27,501	57,621
Mapfre SA	20,324	42,995
Mediaset Espana Comunicacion SA (A)	7,779	48,703
Melia Hotels International SA (A)	6,008	44,558
Metrovacesa SA (A)(D)	1,256	9,973
Miquel y Costas & Miquel SA	1,474	28,583
Neinor Homes SA (A)(D)	1,978	26,746
Obrascon Huarte Lain SA (A)	14,644	11,463
Obrascon Huarte Lain SA, Interim Shares (A)	4,964	3,886
Pharma Mar SA	664	59,852
Promotora de Informaciones SA, Class A (A)	11,711	10,711
Prosegur Cia de Seguridad SA	10,114	33,101
Realia Business SA (A)	17,710	14,793
Sacyr SA	21,689	55,212
Sacyr SA, Interim Shares (A)	542	1,380
Solaria Energia y Medio Ambiente SA (A)	3,480	62,949
Talgo SA (A)(D)	4,711	26,669
Tecnicas Reunidas SA (A)	830	10,524
Tubacex SA (A)	6,252	11,063
Unicaja Banco SA (D)	26,995	27,702
Vidrala SA	788	94,096
Viscofan SA	1,837	128,045
Zardoya Otis SA	7,487	51,665
		2,571,715
<b>Sweden - 3.6%</b>		
AcadeMedia AB (D)	3,665	34,653
AddLife AB, B Shares	2,634	80,973
AddNode Group AB	1,465	53,930

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Sweden (continued)</b>		
AddTech AB, B Shares	8,019	\$ 133,115
AFRY AB	2,696	88,719
Alimak Group AB (D)	2,141	34,936
Ambea AB (D)	1,195	8,901
Annehem Fastigheter AB, B Shares (A)	1,155	4,401
Arjo AB, B Shares	10,690	110,192
Atrium Ljungberg AB, B Shares	2,105	47,916
Attendo AB (A)(D)	5,286	24,193
Beijer Alma AB	2,393	47,673
Bergman & Beving AB	2,270	35,187
Betsson AB, B Shares (A)	5,105	41,651
BHG Group AB (A)	2,406	46,552
Bilia AB, A Shares	3,960	83,959
BioGaia AB, B Shares	901	50,147
Biotage AB	3,574	84,633
Bonava AB, B Shares	3,323	36,587
Boozt AB (A)(D)	993	21,829
Bravida Holding AB (D)	7,844	113,545
BTS Group AB, B Shares	346	13,186
Bufab AB	1,896	52,529
Bulten AB	717	8,612
Bure Equity AB	2,728	117,929
Byggmax Group AB	5,363	48,629
Calliditas Therapeutics AB, B Shares (A)	1,333	19,486
Catena AB	1,429	76,431
Cellavision AB	540	23,254
Clas Ohlson AB, B Shares (A)	3,185	32,847
Cloetta AB, B Shares	10,640	31,765
Collector AB (A)	1,870	7,976
Coor Service Management Holding AB (D)	1,376	10,906
Corem Property Group AB, B Shares	22,122	50,123
Dios Fastigheter AB	3,582	37,084
Duni AB (A)	2,559	33,097
Dustin Group AB (B)(D)	4,269	56,360
Electrolux Professional AB, B Shares (A)	3,716	26,344
Enea AB (A)	1,522	36,658
Fagerhult AB	4,609	36,951
FastPartner AB, A Shares	2,697	31,298
Fingerprint Cards AB, B Shares (A)	12,246	46,769
G5 Entertainment AB	330	20,307
GARO AB	1,075	14,820
Granges AB	7,040	97,781
Haldex AB (A)	3,364	22,277
Heba Fastighets AB, Class B	684	10,555
Hexatronic Group AB	1,111	16,656
HMS Networks AB	1,433	60,620
Hoist Finance AB (A)(D)	2,083	8,468
Hufvudstaden AB, A Shares	1,371	23,310
Humana AB (A)	2,641	20,733
Instalco AB	1,179	48,935
Inwido AB	3,126	54,054
JM AB	2,484	85,864
KNOW IT AB	1,023	33,537
Kungsleden AB	8,561	103,616
Lagercrantz Group AB, B Shares	12,207	132,767
LeoVegas AB (D)	2,160	9,596
Lime Technologies AB	347	13,208
Lindab International AB	4,565	106,563
Loomis AB	2,298	71,890
Medicover AB, B Shares	1,261	34,587
Mekonomen AB (A)	2,150	35,527
MIPS AB	888	76,379
Modern Times Group MTG AB, B Shares (A)	4,110	55,570
Momentum Group AB, Class B	2,270	46,313

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Sweden (continued)</b>		
Mycronic AB	2,326	\$ 70,205
NCAB Group AB	202	10,559
NCC AB, B Shares	835	14,255
Nederman Holding AB (A)	887	17,566
Nelly Group AB (A)	611	2,375
New Wave Group AB, B Shares (A)	4,353	55,207
Nobia AB	6,676	56,930
Nobina AB (D)	4,239	38,506
Nolato AB, B Shares	9,190	90,515
Nordic Entertainment Group AB, B Shares (A)	1,137	50,152
Nordic Waterproofing Holding AB	2,615	56,421
NP3 Fastigheter AB	1,683	32,962
Nyfosa AB	9,287	125,609
OEM International AB, B Shares	3,120	46,752
Padox AB (A)	3,303	55,015
Peab AB, Class B	4,977	61,509
Platzer Fastigheter Holding AB, Series B	3,454	52,354
Pricer AB, B Shares	7,930	29,359
Proact IT Group AB	1,428	14,036
Qliro AB (A)	611	2,697
Ratos AB, B Shares	14,845	90,061
RaySearch Laboratories AB (A)	2,452	25,060
Resurs Holding AB (D)	6,236	30,811
SAS AB (A)(B)	203,931	50,051
Scandi Standard AB	4,648	31,131
Scandic Hotels Group AB (A)(B)(D)	5,932	23,192
Sectra AB, B Shares (A)	1,006	77,878
Sensys Gatso Group AB (A)	23,414	3,009
SkiStar AB (A)	2,041	34,017
SSAB AB, A Shares (A)	2,599	12,736
Systemair AB (A)	901	32,602
Tethys Oil AB	2,334	15,964
Troax Group AB	1,308	42,731
VBG Group AB, B Shares	630	12,994
Vitec Software Group AB, B Shares	273	11,295
Wihlborgs Fastigheter AB	5,362	116,291
		4,678,666
<b>Switzerland - 6.4%</b>		
Allreal Holding AG	692	136,213
ALSO Holding AG (A)	324	93,527
APG SGA SA (A)	84	20,594
Arbonia AG	2,962	56,661
Aryzta AG (A)	57,916	79,137
Ascom Holding AG (A)	1,310	21,651
Autoneum Holding AG (A)	221	41,296
Bachem Holding AG, Class B	205	121,598
Baloise Holding AG	500	78,069
Banque Cantonale de Geneve, Bearer Shares	142	26,485
Banque Cantonale Vaudoise	549	49,332
Belimo Holding AG	500	228,983
Bell Food Group AG	138	42,339
Bellevue Group AG	467	20,204
Berner Kantonalbank AG	242	54,023
BKW AG	935	97,384
Bobst Group SA (A)	632	50,560
Bossard Holding AG, Class A	310	94,734
Bucher Industries AG	428	224,121
Burckhardt Compression Holding AG	143	57,947
Burkhalter Holding AG	218	15,794
Bystronic AG	74	100,107
Calida Holding AG	285	10,789
Carlo Gavazzi Holding AG, Bearer Shares (A)	38	10,423

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Switzerland (continued)</b>		
Cembra Money Bank AG	1,587	\$ 178,047
Cie Financiere Tradition SA, Bearer Shares	104	12,934
Clariant AG	7,517	149,681
Coltene Holding AG (A)	198	26,850
Comet Holding AG	339	93,362
DKSH Holding AG	1,744	133,605
dormakaba Holding AG	140	95,486
Dufry AG (A)	2,523	149,711
EFG International AG (A)	4,687	38,474
Emmi AG	107	109,800
Energiedienst Holding AG	979	37,591
Evolva Holding SA (A)(B)	72,989	13,938
Feintool International Holding AG (A)	142	9,088
Fenix Outdoor International AG	225	31,556
Ferrexpo PLC	22,757	134,997
Flughafen Zurich AG (A)	933	154,452
Forbo Holding AG	47	88,974
Fundamenta Real Estate AG	1,024	21,133
Galenica AG (D)	2,038	143,882
GAM Holding AG (A)	11,204	24,354
Georg Fischer AG	202	299,972
Gurit Holding AG, Bearer Shares	22	48,022
Helvetia Holding AG	1,730	186,285
Hiag Immobilien Holding AG	420	46,260
HOCHDORF Holding AG (A)	16	995
Huber + Suhner AG	586	49,549
Hypothekarbank Lenzburg AG	3	13,877
Implenia AG (A)	994	25,866
Ina Invest Holding AG (A)	199	4,009
Inficon Holding AG	106	122,597
Interroll Holding AG	35	138,801
Intershop Holding AG	76	49,929
Investis Holding SA	98	10,855
IWG PLC (A)	38,584	160,573
Jungfraubahn Holding AG (A)	199	31,421
Kardex Holding AG	299	69,205
Komax Holding AG (A)	221	55,842
Kongsberg Automotive ASA (A)	23,611	7,580
Kudelski SA, Bearer Shares	2,497	11,238
Landis+Gyr Group AG (A)	1,111	77,594
LEM Holding SA	19	39,843
Luzerner Kantonalbank AG	173	80,188
Medacta Group SA (A)(D)	127	16,685
Medartis Holding AG (A)(D)	154	14,213
Metall Zug AG, B Shares	12	26,972
Mobilezone Holding AG	2,336	27,491
Mobimo Holding AG	347	114,023
Novavest Real Estate AG (A)	212	10,538
OC Oerlikon Corp. AG	9,769	108,489
Orascom Development Holding AG (A)	533	7,091
Orior AG	425	38,403
Phoenix Mecano AG, Bearer Shares	38	18,770
Plazza AG, Class A	68	23,820
PSP Swiss Property AG	2,294	291,290
Rieter Holding AG (A)	251	49,141
Romande Energie Holding SA (A)	34	49,235
Schaffner Holding AG	40	13,140
Schweiter Technologies AG, Bearer Shares	48	70,413
Sensirion Holding AG (A)(D)	266	21,336
SFS Group AG	742	106,857
Siegfried Holding AG (A)	220	206,459
SIG Combibloc Group AG (A)	6,040	164,460
Softwareone Holding AG (A)	2,412	57,063
St. Galler Kantonalbank AG, Class A	152	67,561
Sulzer AG	877	121,352

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Switzerland (continued)</b>		
Swiss Prime Site AG	2,097	\$ 208,121
Swiss Steel Holding AG (A)	39,436	19,199
Swissquote Group Holding SA	588	88,945
Tecan Group AG	382	189,289
TX Group AG (A)	201	18,665
u-blox Holding AG (A)	431	31,704
Valiant Holding AG	717	71,147
Valora Holding AG (A)	244	51,348
VAT Group AG (D)	1,510	502,164
Vaudoise Assurances Holding SA	64	33,215
Vetropack Holding AG	500	30,195
Von Roll Holding AG, Bearer Shares (A)	7,878	7,494
Vontobel Holding AG	1,521	118,705
VZ Holding AG	805	68,164
V-ZUG Holding AG (A)	120	18,467
Walliser Kantonalbank	203	23,373
Wartec Invest AG	8	20,743
Ypsomed Holding AG	103	16,047
Zehnder Group AG	615	58,724
Zug Estates Holding AG, B Shares	16	34,414
Zuger Kantonalbank AG, Bearer Shares	9	67,112
		8,212,424
<b>Taiwan - 0.0%</b>		
Ya Hsin Industrial Company, Ltd. (A)(C)	138,000	0
<b>United Arab Emirates - 0.0%</b>		
Lamprell PLC (A)	11,610	8,033
Network International Holdings PLC (A)(D)	3,782	19,162
		27,195
<b>United Kingdom - 13.2%</b>		
4imprint Group PLC (A)	1,523	56,350
A.G. Barr PLC (A)	4,718	33,821
Advanced Medical Solutions Group PLC	4,440	17,479
Afren PLC (A)(C)	55,554	0
Aggreko PLC	12,621	150,631
Airtel Africa PLC (D)	23,997	25,626
AJ Bell PLC	6,808	40,887
Alliance Pharma PLC	16,518	22,670
Anglo Pacific Group PLC	12,147	23,370
Anglo-Eastern Plantations PLC	1,225	10,334
AO World PLC (A)	8,013	28,120
Aptitude Software Group PLC	2,037	16,510
Arrow Global Group PLC (A)	4,086	17,272
Ascential PLC (A)	15,022	86,346
Ashmore Group PLC	15,764	84,016
Aston Martin Lagonda Global Holdings PLC (A)(D)	878	22,831
Avon Rubber PLC	1,565	56,774
Babcock International Group PLC (A)	22,879	91,827
Bakkavor Group PLC (D)	5,579	9,991
Balfour Beatty PLC	34,581	146,985
Beazley PLC (A)	24,625	113,358
Bellway PLC	5,109	228,889
Biffa PLC (A)(D)	7,100	31,932
Bloomsbury Publishing PLC	2,159	10,414
Bodycote PLC	9,417	110,328
boohoo Group PLC (A)	3,748	16,092
Braemar Shipping Services PLC (A)	1,328	5,567
Brewin Dolphin Holdings PLC	15,066	72,460
Britvic PLC	13,590	176,418
Bytes Technology Group PLC (A)	4,029	25,812
Cairn Energy PLC	24,079	48,637
Capita PLC (A)	67,697	34,981
Card Factory PLC (A)	14,688	12,750

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
CareTech Holdings PLC	4,102	\$ 34,442
Carillion PLC (A)(C)	35,521	4,712
Central Asia Metals PLC	8,189	26,984
Centrica PLC (A)	208,824	148,845
Chemring Group PLC	13,921	55,468
Chesnara PLC	7,709	28,277
Cineworld Group PLC (A)(B)	27,060	29,031
Circassia Group PLC (A)	9,034	3,725
Clarkson PLC	1,348	59,557
Clinigen Group PLC	5,031	43,097
Clipper Logistics PLC	3,406	37,944
Close Brothers Group PLC	8,356	175,122
CLS Holdings PLC	10,759	35,803
CMC Markets PLC (D)	7,009	44,498
Coats Group PLC	23,020	21,694
Computacenter PLC	3,949	140,739
Concentric AB	2,526	51,924
ContourGlobal PLC (D)	3,601	9,623
Costain Group PLC (A)	4,797	3,848
Countryside Properties PLC (A)(D)	23,711	155,474
Cranswick PLC	2,712	149,202
Crest Nicholson Holdings PLC (A)	13,693	79,560
CVS Group PLC (A)	2,750	92,144
Daily Mail & General Trust PLC, Class A	7,839	104,683
De La Rue PLC (A)	10,028	25,852
Debenhams PLC (A)(C)	76,182	0
Devro PLC	12,253	32,650
DFS Furniture PLC	12,509	48,489
Dialight PLC (A)	105	471
Dialog Semiconductor PLC (A)	4,280	332,886
Dignity PLC (A)	3,439	40,961
Diploma PLC	5,901	237,387
DiscoverIE Group PLC	5,627	73,711
Dixons Carphone PLC (A)	44,671	80,495
Domino's Pizza Group PLC	21,324	114,718
dotdigital Group PLC	12,814	40,999
Drax Group PLC	21,413	125,608
Dunelm Group PLC	5,320	104,649
easyJet PLC (A)	96	1,191
Electrocomponents PLC	13,316	189,714
Elementis PLC (A)	35,393	73,854
EMIS Group PLC	2,542	40,443
Endeavour Mining PLC	9,047	194,281
EnQuest PLC (A)	109,392	31,491
Equiniti Group PLC (A)(D)	10,616	26,384
Esken, Ltd. (A)	22,446	8,079
Essentra PLC	14,966	64,001
Euromoney Institutional Investor PLC	4,334	61,146
FDM Group Holdings PLC	3,208	45,290
Fevertree Drinks PLC	5,193	184,818
First Derivatives PLC (A)	243	7,639
Firstgroup PLC (A)	78,582	89,116
Forterra PLC (D)	6,408	23,940
Foxtons Group PLC (A)	23,551	18,455
Frasers Group PLC (A)	10,048	83,783
Frontier Developments PLC (A)	532	17,029
Fuller Smith & Turner PLC, Class A (A)	1,525	17,951
Funding Circle Holdings PLC (A)(D)	3,849	8,039
Future PLC	3,994	173,173
Galliford Try Holdings PLC	5,675	11,018
Games Workshop Group PLC	1,599	252,167
Gamesys Group PLC	3,107	79,248
Gamma Communications PLC	1,009	27,826
GB Group PLC	858	9,791
Gem Diamonds, Ltd.	12,666	12,562

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
Genel Energy PLC	4,784	\$ 10,198
Genuit Group PLC	12,035	102,144
Genus PLC	1,119	76,850
Grainger PLC	32,768	129,143
Greggs PLC (A)	5,441	195,848
Gulf Keystone Petroleum, Ltd.	7,420	18,959
Halfords Group PLC (A)	15,547	92,751
Harbour Energy PLC (A)	2,628	13,763
Hays PLC (A)	77,290	169,738
Headlam Group PLC	6,602	40,111
Helical PLC	6,424	38,641
Helios Towers PLC (A)	11,614	26,177
Henry Boot PLC	5,301	18,917
Hill & Smith Holdings PLC	4,214	87,144
Hilton Food Group PLC	3,061	46,344
Hollywood Bowl Group PLC (A)	8,153	27,076
Hunting PLC	8,331	25,485
Hyve Group PLC (A)	12,149	22,203
Ibstock PLC (D)	19,043	56,252
IG Group Holdings PLC	18,323	214,714
IMI PLC	13,430	319,629
Impax Asset Management Group PLC	2,421	37,505
Inchcape PLC	19,909	211,882
Indivior PLC (A)	36,002	77,032
IntegraFin Holdings PLC	9,972	71,142
International Personal Finance PLC (A)	12,526	23,131
iomart Group PLC	2,265	8,394
IP Group PLC	38,897	62,702
IQE PLC (A)	9,568	6,315
J.D. Wetherspoon PLC (A)	3,666	59,745
James Fisher & Sons PLC	2,814	36,086
James Halstead PLC	2,706	19,489
JET2 PLC (A)	4,917	80,511
John Laing Group PLC (D)	17,773	98,378
John Menzies PLC (A)	7,323	31,625
John Wood Group PLC (A)	29,391	89,541
Johnson Service Group PLC (A)	14,257	34,559
Jupiter Fund Management PLC	22,824	89,075
Just Group PLC (A)	37,116	47,872
Kainos Group PLC	4,099	83,643
Keller Group PLC	4,206	46,530
Kier Group PLC (A)	22,531	40,918
Kin & Carta PLC (A)	3,492	12,744
Lancashire Holdings, Ltd.	11,586	98,294
Learning Technologies Group PLC	10,417	27,076
Lookers PLC (A)	22,449	22,008
LSL Property Services PLC (A)	6,404	38,200
Luceco PLC (D)	1,922	11,049
M&C Saatchi PLC (A)	253	559
Man Group PLC	73,477	182,771
Marks & Spencer Group PLC (A)	55,905	113,383
Marshalls PLC	10,383	98,628
Marston's PLC (A)	37,566	45,755
McBride PLC (A)	14,770	18,584
Mears Group PLC (A)	8,289	21,332
Meggitt PLC (A)	21,288	135,988
Metro Bank PLC (A)	674	934
Micro Focus International PLC	8,470	64,132
Mitchells & Butlers PLC (A)	16,776	64,664
Mitie Group PLC (A)	68,528	64,523
MJ Gleeson PLC	2,770	34,269
Moneysupermarket.com Group PLC	27,587	97,936
Morgan Advanced Materials PLC	14,263	69,706
Morgan Sindall Group PLC	2,381	71,157
Mortgage Advice Bureau Holdings, Ltd.	1,276	20,857

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
MP Evans Group PLC	203	\$ 2,018
N. Brown Group PLC (A)	9,633	7,618
National Express Group PLC (A)	23,513	86,747
NCC Group PLC	13,335	54,270
Next Fifteen Communications Group PLC (A)	3,756	50,419
Ninety One PLC	12,803	38,977
Norcross PLC	6,666	30,346
Numis Corp. PLC	2,926	14,373
On the Beach Group PLC (A)(D)	5,451	24,151
OSB Group PLC	14,757	94,787
Oxford Instruments PLC	2,839	90,818
PageGroup PLC (A)	14,252	110,353
Pan African Resources PLC	85,815	20,477
Paragon Banking Group PLC	13,704	96,673
PayPoint PLC	2,581	20,219
Pendragon PLC (A)	102,667	26,279
Petrofac, Ltd. (A)	12,318	18,793
Pets at Home Group PLC	24,400	154,235
Pharos Energy PLC (A)	16,636	5,897
Photo-Me International PLC (A)	18,684	18,409
Polar Capital Holdings PLC	3,830	44,064
Porvair PLC	2,468	19,929
Premier Foods PLC (A)	41,106	62,381
Provident Financial PLC (A)	7,268	23,334
Purplebricks Group PLC (A)	7,294	8,205
PZ Cussons PLC	13,141	44,544
QinetiQ Group PLC	27,714	131,916
Quilter PLC (D)	84,985	174,876
Rank Group PLC (A)	7,303	16,965
Rathbone Brothers PLC	2,988	74,928
Reach PLC	28,863	109,613
Redcentric PLC	5,876	11,713
Redde Northgate PLC	8,929	49,321
Redrow PLC	14,867	126,113
Renew Holdings PLC	4,150	38,771
Renewi PLC (A)	52,764	40,179
Renishaw PLC	1,194	81,402
Ricardo PLC	2,982	16,898
RM PLC	8,752	28,726
Robert Walters PLC	4,693	45,920
Rotork PLC	41,331	194,933
Royal Mail PLC (A)	44,161	353,104
RPS Group PLC (A)	15,418	22,927
RWS Holdings PLC	10,029	78,210
Sabre Insurance Group PLC (D)	5,914	20,885
Saga PLC (A)	2,378	13,108
Savills PLC	7,351	117,348
Senior PLC (A)	21,835	45,723
Sercos Group PLC	8,103	15,213
Severfield PLC	11,941	13,238
SIG PLC (A)	64,105	46,787
Smart Metering Systems PLC	3,350	40,285
Soficat PLC	6,128	150,609
Spectris PLC	5,368	240,765
Speedy Hire PLC (A)	24,369	24,276
Spire Healthcare Group PLC (A)(D)	12,358	42,086
Spirent Communications PLC	33,589	114,503
Sportech PLC (A)	11,390	4,603
SSP Group PLC (A)	36,801	135,792
St. Modwen Properties PLC	11,275	86,793
Stagecoach Group PLC (A)	27,597	31,363
SThree PLC	8,144	52,051
Stock Spirits Group PLC	6,082	22,011
Stolt-Nielsen, Ltd.	2,414	35,289

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
Studio Retail Group PLC (A)	8,139	\$ 32,384
STV Group PLC	2,712	12,767
Superdry PLC (A)	3,110	18,495
Synthomer PLC	17,828	121,337
Tate & Lyle PLC	23,148	236,755
Tatton Asset Management PLC	1,955	11,638
Ted Baker PLC (A)	2,896	5,805
Telecom Plus PLC	3,652	57,441
Telit Communications PLC (A)	5,999	18,584
The Go-Ahead Group PLC (A)	3,096	47,919
The Gym Group PLC (A)(D)	3,234	12,586
The Restaurant Group PLC (A)	30,769	54,586
The Vitec Group PLC	2,842	55,061
Thomas Cook Group PLC (A)(C)	58,171	0
Ti Fluid Systems PLC (D)	1,686	7,183
Topps Tiles PLC (A)	15,591	15,378
TP Icap Group PLC	45,423	122,885
Travis Perkins PLC (A)	11,685	273,397
Treatt PLC	1,433	23,188
Trifast PLC (A)	7,237	14,146
TT Electronics PLC	14,769	52,607
Tullow Oil PLC (A)(B)	72,437	59,669
Tyman PLC	1,546	9,619
U & I Group PLC (A)	12,008	15,773
Ultra Electronics Holdings PLC	3,309	104,879
Vectura Group PLC	30,807	58,178
Vesuvius PLC	12,719	93,109
Victrix PLC	4,079	143,872
Virgin Money UK PLC (A)	35,299	97,092
Vistry Group PLC	11,609	189,004
Vivo Energy PLC (D)	4,666	6,233
Volex PLC	3,136	16,166
Volution Group PLC	1,861	10,790
VP PLC	637	8,091
Watches of Switzerland Group PLC (A)(D)	4,075	47,121
Watkin Jones PLC	6,905	20,571
WH Smith PLC (A)	4,243	94,541
Wickes Group PLC (A)	13,094	44,558
Wilmington PLC	8,076	23,719
Wincanton PLC	10,534	64,074
Xaar PLC (A)	5,629	14,204
Young & Company's Brewery PLC, Class A (A)	751	16,937
Zotefoams PLC	1,549	9,961
		17,039,752
<b>United States - 0.6%</b>		
Argonaut Gold, Inc. (A)	12,559	30,091
Atlantic Sapphire ASA (A)(B)	1,333	14,079
Burford Capital, Ltd.	3,794	39,082
Diversified Energy Company PLC	12,927	18,831
Energy Fuels, Inc. (A)	730	4,411
Invesque, Inc. (A)(B)	2,000	5,640
Ovintiv, Inc.	3,120	98,337
Primo Water Corp.	1,600	26,768
Primo Water Corp. (Toronto Stock Exchange)	6,607	110,543

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United States (continued)</b>		
PureTech Health PLC (A)	9,879	\$ 46,542
REC Silicon ASA (A)	13,597	29,684
Reliance Worldwide Corp., Ltd.	32,462	127,966
Samsonite International SA (A)(D)	22,800	46,622
Sims, Ltd.	9,104	113,207
Viemed Healthcare, Inc. (A)	2,600	18,590
Vobile Group, Ltd. (A)(B)	9,000	40,596
		770,989
<b>TOTAL COMMON STOCKS (Cost \$114,421,777)</b>		<b>\$ 126,913,852</b>
<b>PREFERRED SECURITIES - 0.3%</b>		
<b>Germany - 0.3%</b>		
Biotest AG	486	19,307
Drägerwerk AG & Company KGaA	565	53,479
FUCHS PETROLUB SE	2,535	123,364
Jungheinrich AG	2,336	114,260
Sixt SE	838	67,618
STO SE & Company KGaA	124	27,077
Villeroy & Boch AG	625	13,275
		418,380
<b>TOTAL PREFERRED SECURITIES (Cost \$290,628)</b>		<b>\$ 418,380</b>
<b>RIGHTS - 0.0%</b>		
Costa Group Holdings, Ltd. (Expiration Date: 7-20-21; Strike Price: AUD 3.00) (A)	1,989	433
<b>TOTAL RIGHTS (Cost \$0)</b>		<b>\$ 433</b>
<b>SHORT-TERM INVESTMENTS - 1.6%</b>		
<b>Short-term funds - 1.6%</b>		
John Hancock Collateral Trust, 0.0324% (E)(F)	197,422	1,975,132
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$1,975,197)</b>		<b>\$ 1,975,132</b>
<b>Total Investments (International Small Company Trust) (Cost \$116,687,602) - 100.3%</b>		
		<b>\$ 129,307,797</b>
<b>Other assets and liabilities, net - (0.3%)</b>		
		<b>(329,385)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 128,978,412</b>

### Currency Abbreviations

AUD Australian Dollar

### Security Abbreviations and Legend

CVR Contingent Value Right

(A) Non-income producing security.

(B) All or a portion of this security is on loan as of 6-30-21.

(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) The rate shown is the annualized seven-day yield as of 6-30-21.

(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.



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

### DERIVATIVES

#### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Mini MSCI EAFE Index Futures	7	Long	Sep 2021	\$826,892	\$806,505	\$(20,387)
						<b>\$(20,387)</b>

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

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

## Lifestyle Balanced Portfolio

	Shares or Principal Amount	Value
<b>AFFILIATED INVESTMENT COMPANIES (A) - 100.0%</b>		
<b>Equity - 50.0%</b>		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	25,293,976	\$ 600,731,941
<b>Fixed income - 50.0%</b>		
Select Bond, Series NAV, JHVIT (MIM US) (B)	41,563,537	600,177,477
<b>TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$1,015,316,897)</b>		<b>\$ 1,200,909,418</b>
<b>Total Investments (Lifestyle Balanced Portfolio) (Cost \$1,015,316,897) - 100.0%</b>		<b>\$ 1,200,909,418</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(72,108)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 1,200,837,310</b>

#### Security Abbreviations and Legend

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

## Lifestyle Conservative Portfolio

	Shares or Principal Amount	Value
<b>AFFILIATED INVESTMENT COMPANIES (A) - 100.0%</b>		
<b>Equity - 20.0%</b>		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	1,976,707	\$ 46,946,802
<b>Fixed income - 80.0%</b>		
Select Bond, Series NAV, JHVIT (MIM US) (B)	13,014,924	187,935,500
<b>TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$216,921,550)</b>		<b>\$ 234,882,302</b>
<b>Total Investments (Lifestyle Conservative Portfolio) (Cost \$216,921,550) - 100.0%</b>		<b>\$ 234,882,302</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(37,883)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 234,844,419</b>

#### Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
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## Lifestyle Growth Portfolio

	Shares or Principal Amount	Value
<b>AFFILIATED INVESTMENT COMPANIES (A) - 100.0%</b>		
<b>Equity - 70.0%</b>		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	189,836,764	\$ 4,508,623,135
<b>Fixed income - 30.0%</b>		
Select Bond, Series NAV, JHVIT (MIM US) (B)	133,813,508	1,932,267,058
<b>TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$5,133,729,602)</b>		<b>\$ 6,440,890,193</b>
<b>Total Investments (Lifestyle Growth Portfolio) (Cost \$5,133,729,602) - 100.0%</b>		<b>\$ 6,440,890,193</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(273,947)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 6,440,616,246</b>

#### Security Abbreviations and Legend

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

## Lifestyle Moderate Portfolio

	Shares or Principal Amount	Value
<b>AFFILIATED INVESTMENT COMPANIES (A) - 100.0%</b>		
<b>Equity - 39.9%</b>		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	6,138,183	\$ 145,781,842
<b>Fixed income - 60.1%</b>		
Select Bond, Series NAV, JHVIT (MIM US) (B)	15,192,726	219,382,960
<b>TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$319,477,076)</b>		<b>\$ 365,164,802</b>
<b>Total Investments (Lifestyle Moderate Portfolio) (Cost \$319,477,076) - 100.0%</b>		<b>\$ 365,164,802</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(42,556)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 365,122,246</b>

#### Security Abbreviations and Legend

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

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 94.1%</b>		
<b>Communication services – 1.7%</b>		
<b>Diversified telecommunication services – 0.2%</b>		
Iridium Communications, Inc. (A)	69,509	\$ 2,779,665
<b>Entertainment – 0.2%</b>		
Cinemark Holdings, Inc. (A)	64,373	1,412,987
World Wrestling Entertainment, Inc., Class A	26,784	1,550,526
		2,963,513
<b>Interactive media and services – 0.3%</b>		
TripAdvisor, Inc. (A)	58,020	2,338,206
Yelp, Inc. (A)	41,440	1,655,942
		3,994,148
<b>Media – 0.9%</b>		
Cable One, Inc.	3,214	6,147,771
John Wiley & Sons, Inc., Class A	25,765	1,550,538
TEGNA, Inc.	130,644	2,450,881
The New York Times Company, Class A	85,946	3,742,948
		13,892,138
<b>Wireless telecommunication services – 0.1%</b>		
Telephone & Data Systems, Inc.	58,937	1,335,512
		24,964,976
<b>Consumer discretionary – 14.0%</b>		
<b>Auto components – 1.6%</b>		
Adient PLC (A)	55,748	2,519,810
Dana, Inc.	85,889	2,040,723
Fox Factory Holding Corp. (A)	24,833	3,865,505
Gentex Corp.	142,931	4,729,587
Lear Corp.	32,384	5,676,268
The Goodyear Tire & Rubber Company (A)	165,128	2,831,945
Visteon Corp. (A)	16,547	2,001,194
		23,665,032
<b>Automobiles – 0.5%</b>		
Harley-Davidson, Inc.	90,933	4,166,550
Thor Industries, Inc.	32,763	3,702,219
		7,868,769
<b>Diversified consumer services – 1.0%</b>		
Adtalem Global Education, Inc. (A)	29,247	1,042,363
Graham Holdings Company, Class B	2,390	1,515,021
Grand Canyon Education, Inc. (A)	27,425	2,467,427
H&R Block, Inc.	107,363	2,520,883
Service Corp. International	99,499	5,332,151
Strategic Education, Inc.	14,587	1,109,487
WW International, Inc. (A)	28,386	1,025,870
		15,013,202
<b>Hotels, restaurants and leisure – 2.7%</b>		
Boyd Gaming Corp. (A)	47,754	2,936,393
Choice Hotels International, Inc.	17,097	2,032,149
Churchill Downs, Inc.	20,516	4,067,502
Cracker Barrel Old Country Store, Inc.	14,040	2,084,378
Jack in the Box, Inc.	13,154	1,465,882
Marriott Vacations Worldwide Corp. (A)	25,265	4,024,715
Papa John's International, Inc.	19,575	2,044,413
Scientific Games Corp. (A)	33,544	2,597,647
Six Flags Entertainment Corp. (A)	44,973	1,946,431
Texas Roadhouse, Inc.	38,795	3,732,079
The Wendy's Company	104,793	2,454,252
Travel + Leisure Company	50,999	3,031,891
Wingstop, Inc.	17,597	2,773,815
Wyndham Hotels & Resorts, Inc.	55,270	3,995,468
		39,187,015

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Household durables – 1.4%</b>		
Helen of Troy, Ltd. (A)	14,468	\$ 3,300,440
KB Home	52,586	2,141,302
Taylor Morrison Home Corp. (A)	76,311	2,016,137
Tempur Sealy International, Inc.	108,389	4,247,765
Toll Brothers, Inc.	66,438	3,840,781
TopBuild Corp. (A)	19,564	3,869,368
Tri Pointe Homes, Inc. (A)	70,078	1,501,772
		20,917,565
<b>Leisure products – 1.4%</b>		
Brunswick Corp.	46,097	4,592,183
Callaway Golf Company (A)	68,847	2,322,209
Mattel, Inc. (A)	206,391	4,148,459
Polaris, Inc.	34,066	4,665,679
YETI Holdings, Inc. (A)	44,398	4,076,624
		19,805,154
<b>Multiline retail – 0.7%</b>		
Kohl's Corp.	92,452	5,095,030
Nordstrom, Inc. (A)	64,419	2,355,803
Ollie's Bargain Outlet Holdings, Inc. (A)	33,611	2,827,693
		10,278,526
<b>Specialty retail – 3.0%</b>		
American Eagle Outfitters, Inc.	89,323	3,352,292
AutoNation, Inc. (A)	31,909	3,025,292
Dick's Sporting Goods, Inc.	38,780	3,885,368
Five Below, Inc. (A)	33,134	6,403,808
Foot Locker, Inc.	61,116	3,766,579
Lithia Motors, Inc.	17,609	6,051,157
Murphy USA, Inc.	14,817	1,976,143
RH (A)	9,956	6,760,124
Urban Outfitters, Inc. (A)	40,684	1,676,994
Williams-Sonoma, Inc.	45,088	7,198,299
		44,096,056
<b>Textiles, apparel and luxury goods – 1.7%</b>		
Capri Holdings, Ltd. (A)	89,549	5,121,307
Carter's, Inc.	26,012	2,683,658
Columbia Sportswear Company	18,090	1,779,332
Crocs, Inc. (A)	38,600	4,497,672
Deckers Outdoor Corp. (A)	16,459	6,321,408
Skechers USA, Inc., Class A (A)	79,397	3,956,353
		24,359,730
		205,191,049
<b>Consumer staples – 3.3%</b>		
<b>Beverages – 0.4%</b>		
The Boston Beer Company, Inc., Class A (A)	5,504	5,618,483
<b>Food and staples retailing – 0.8%</b>		
BJ's Wholesale Club Holdings, Inc. (A)	81,150	3,861,117
Casey's General Stores, Inc.	21,864	4,255,609
Grocery Outlet Holding Corp. (A)	51,538	1,786,307
Sprouts Farmers Market, Inc. (A)	69,905	1,737,139
		11,640,172
<b>Food products – 1.8%</b>		
Darling Ingredients, Inc. (A)	96,558	6,517,665
Flowers Foods, Inc.	116,516	2,819,687
Ingredion, Inc.	39,633	3,586,787
Lancaster Colony Corp.	11,573	2,239,491
Pilgrim's Pride Corp. (A)	28,838	639,627
Post Holdings, Inc. (A)	35,018	3,798,402
Sanderson Farms, Inc.	11,761	2,210,715
The Hain Celestial Group, Inc. (A)	48,388	1,941,327
Tootsie Roll Industries, Inc. (B)	10,415	353,173

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Food products (continued)</b>		
TreeHouse Foods, Inc. (A)	33,269	\$ 1,481,136
		25,588,010
<b>Household products – 0.1%</b>		
Energizer Holdings, Inc.	34,388	1,477,996
<b>Personal products – 0.2%</b>		
Coty, Inc., Class A (A)	167,739	1,566,682
Nu Skin Enterprises, Inc., Class A	29,613	1,677,576
		3,244,258
		47,568,919
<b>Energy – 2.0%</b>		
<b>Energy equipment and services – 0.2%</b>		
ChampionX Corp. (A)	110,804	2,842,123
<b>Oil, gas and consumable fuels – 1.8%</b>		
Antero Midstream Corp.	169,488	1,760,980
Cimarex Energy Company	60,847	4,408,365
CNX Resources Corp. (A)	130,346	1,780,526
EQT Corp. (A)	165,163	3,676,528
Equitrans Midstream Corp.	240,578	2,047,319
HollyFrontier Corp.	88,437	2,909,577
Murphy Oil Corp.	85,885	1,999,403
Targa Resources Corp.	135,308	6,014,441
World Fuel Services Corp.	37,420	1,187,337
		25,784,476
		28,626,599
<b>Financials – 14.3%</b>		
<b>Banks – 6.5%</b>		
Associated Banc-Corp.	90,425	1,851,904
BancorpSouth Bank	57,096	1,617,530
Bank of Hawaii Corp.	23,903	2,013,111
Bank OZK	71,535	3,015,916
Cathay General Bancorp	44,317	1,744,317
CIT Group, Inc.	58,623	3,024,361
Commerce Bancshares, Inc.	62,331	4,647,399
Cullen/Frost Bankers, Inc.	33,467	3,748,304
East West Bancorp, Inc.	83,949	6,018,304
First Financial Bankshares, Inc. (B)	84,199	4,136,697
First Horizon Corp.	326,872	5,648,348
FNB Corp.	188,999	2,330,358
Fulton Financial Corp.	96,223	1,518,399
Glacier Bancorp, Inc.	56,516	3,112,901
Hancock Whitney Corp.	51,365	2,282,661
Home BancShares, Inc.	89,743	2,214,857
International Bancshares Corp.	32,994	1,416,762
PacWest Bancorp	69,186	2,847,696
Pinnacle Financial Partners, Inc.	45,030	3,975,699
Prosperity Bancshares, Inc.	54,997	3,948,785
Signature Bank	34,100	8,376,665
Sterling Bancorp	113,972	2,825,366
Synovus Financial Corp.	87,935	3,858,588
Texas Capital Bancshares, Inc. (A)	29,932	1,900,383
Trustmark Corp.	37,519	1,155,585
UMB Financial Corp.	25,728	2,394,248
Umpqua Holdings Corp.	130,555	2,408,740
United Bankshares, Inc.	79,394	2,897,881
Valley National Bancorp	240,186	3,225,698
Webster Financial Corp.	53,507	2,854,063
Wintrust Financial Corp.	33,754	2,552,815
		95,564,341
<b>Capital markets – 2.4%</b>		
Affiliated Managers Group, Inc.	24,639	3,799,580
Evercore, Inc., Class A	24,232	3,411,139
FactSet Research Systems, Inc.	22,399	7,517,328

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets (continued)</b>		
Federated Hermes, Inc.	55,361	\$ 1,877,292
Interactive Brokers Group, Inc., Class A	47,830	3,143,866
Janus Henderson Group PLC	100,970	3,918,646
Jefferies Financial Group, Inc.	118,380	4,048,596
SEI Investments Company	70,142	4,346,700
Stifel Financial Corp.	62,188	4,033,514
		36,096,661
<b>Consumer finance – 0.8%</b>		
FirstCash, Inc.	24,278	1,855,810
LendingTree, Inc. (A)	6,537	1,385,060
Navient Corp.	106,228	2,053,387
PROG Holdings, Inc. (A)	39,855	1,918,221
SLM Corp.	191,060	4,000,796
		11,213,274
<b>Insurance – 3.9%</b>		
Alleghany Corp. (A)	8,241	5,497,324
American Financial Group, Inc.	40,790	5,087,329
Brighthouse Financial, Inc. (A)	50,769	2,312,020
Brown & Brown, Inc.	138,432	7,356,276
CNO Financial Group, Inc.	77,856	1,838,959
First American Financial Corp.	64,940	4,049,009
Kemper Corp.	35,916	2,654,192
Kinsale Capital Group, Inc.	12,689	2,090,767
Mercury General Corp.	15,728	1,021,534
Old Republic International Corp.	167,715	4,177,781
Primerica, Inc.	23,338	3,573,981
Reinsurance Group of America, Inc.	40,231	4,586,334
RenaissanceRe Holdings, Ltd.	29,374	4,371,439
RLI Corp.	23,539	2,461,944
Selective Insurance Group, Inc.	35,520	2,882,448
The Hanover Insurance Group, Inc.	21,242	2,881,265
		56,842,602
<b>Thriffs and mortgage finance – 0.7%</b>		
Essent Group, Ltd.	66,780	3,001,761
MGIC Investment Corp.	200,793	2,730,785
New York Community Bancorp, Inc.	275,205	3,032,759
Washington Federal, Inc.	42,846	1,361,646
		10,126,951
		209,843,829
<b>Health care – 10.0%</b>		
<b>Biotechnology – 1.7%</b>		
Arrowhead Pharmaceuticals, Inc. (A)	61,593	5,101,132
Emergent BioSolutions, Inc. (A)	26,953	1,697,769
Exelixis, Inc. (A)	185,449	3,378,881
Halozyme Therapeutics, Inc. (A)	79,203	3,596,608
Ligand Pharmaceuticals, Inc. (A)	9,854	1,292,746
Neurocrine Biosciences, Inc. (A)	55,948	5,444,859
United Therapeutics Corp. (A)	26,508	4,755,800
		25,267,795
<b>Health care equipment and supplies – 3.2%</b>		
Envista Holdings Corp. (A)	95,141	4,111,043
Globus Medical, Inc., Class A (A)	45,921	3,560,255
Haemonetics Corp. (A)	30,152	2,009,329
Hill-Rom Holdings, Inc.	39,332	4,467,722
ICU Medical, Inc. (A)	11,678	2,403,332
Integra LifeSciences Holdings Corp. (A)	42,027	2,867,922
LivaNova PLC (A)	28,911	2,431,704
Masimo Corp. (A)	29,943	7,259,680
Neogen Corp. (A)	63,555	2,926,072
NuVasive, Inc. (A)	30,564	2,071,628
Penumbra, Inc. (A)	20,077	5,502,303
Quidel Corp. (A)	22,914	2,935,742

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
STAAR Surgical Company (A)	27,750	\$ 4,231,875
		46,778,607
<b>Health care providers and services – 2.9%</b>		
Acadia Healthcare Company, Inc. (A)	53,104	3,332,276
Amedisys, Inc. (A)	19,275	4,721,026
Chemed Corp.	9,439	4,478,806
Encompass Health Corp.	58,905	4,596,357
HealthEquity, Inc. (A)	49,339	3,970,803
LHC Group, Inc. (A)	18,739	3,752,672
Molina Healthcare, Inc. (A)	34,559	8,745,501
Patterson Companies, Inc.	51,466	1,564,052
Progyny, Inc. (A)	22,002	1,298,118
R1 RCM, Inc. (A)	81,791	1,819,032
Tenet Healthcare Corp. (A)	63,194	4,233,366
		42,512,009
<b>Life sciences tools and services – 1.7%</b>		
Bio-Techne Corp.	23,015	10,362,745
Medpace Holdings, Inc. (A)	16,391	2,895,142
Repligen Corp. (A)	30,216	6,031,718
Syneos Health, Inc. (A)	59,921	5,362,330
		24,651,935
<b>Pharmaceuticals – 0.5%</b>		
Jazz Pharmaceuticals PLC (A)	35,563	6,317,411
Nektar Therapeutics (A)	107,883	1,851,272
		8,168,683
		147,379,029
<b>Industrials – 17.0%</b>		
<b>Aerospace and defense – 1.0%</b>		
Axon Enterprise, Inc. (A)	38,277	6,767,374
Curtiss-Wright Corp.	24,225	2,876,961
Hexcel Corp. (A)	49,573	3,093,355
Mercury Systems, Inc. (A)	33,234	2,202,750
		14,940,440
<b>Air freight and logistics – 0.6%</b>		
XPO Logistics, Inc. (A)	60,156	8,415,223
<b>Airlines – 0.2%</b>		
JetBlue Airways Corp. (A)	187,372	3,144,102
<b>Building products – 1.9%</b>		
Builders FirstSource, Inc. (A)	122,573	5,228,964
Lennox International, Inc.	20,343	7,136,324
Owens Corning	61,816	6,051,786
Simpson Manufacturing Company, Inc.	25,701	2,838,418
Trex Company, Inc. (A)	68,266	6,977,468
		28,232,960
<b>Commercial services and supplies – 1.7%</b>		
Clean Harbors, Inc. (A)	29,706	2,766,817
Healthcare Services Group, Inc.	44,214	1,395,836
Herman Miller, Inc.	34,915	1,645,893
IAA, Inc. (A)	79,742	4,349,129
KAR Auction Services, Inc. (A)	73,828	1,295,681
MSA Safety, Inc.	21,555	3,569,077
Stericycle, Inc. (A)	54,300	3,885,165
Tetra Tech, Inc.	32,050	3,911,382
The Brink's Company	29,442	2,262,323
		25,081,303
<b>Construction and engineering – 1.3%</b>		
AECOM (A)	86,629	5,485,348
Dycom Industries, Inc. (A)	18,214	1,357,489
EMCOR Group, Inc.	32,284	3,977,066
Fluor Corp. (A)	74,439	1,317,570
MasTec, Inc. (A)	33,420	3,545,862

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Construction and engineering (continued)</b>		
Valmont Industries, Inc.	12,574	\$ 2,968,093
		18,651,428
<b>Electrical equipment – 1.6%</b>		
Acuity Brands, Inc.	21,129	3,951,757
EnerSys	25,346	2,477,065
Hubbell, Inc.	32,142	6,005,411
nVent Electric PLC	99,225	3,099,789
Regal Beloit Corp.	24,043	3,209,981
Sunrun, Inc. (A)	95,335	5,317,786
		24,061,789
<b>Industrial conglomerates – 0.4%</b>		
Carlisle Companies, Inc.	30,885	5,910,771
<b>Machinery – 5.0%</b>		
AGCO Corp.	36,563	4,767,084
Colfax Corp. (A)	69,809	3,197,950
Crane Company	29,379	2,713,738
Donaldson Company, Inc.	74,635	4,741,562
Flowserve Corp.	77,115	3,109,277
Graco, Inc.	100,264	7,589,985
ITT, Inc.	50,950	4,666,511
Kennametal, Inc.	49,470	1,776,962
Lincoln Electric Holdings, Inc.	35,232	4,640,407
Nordson Corp.	31,979	7,019,710
Oshkosh Corp.	40,605	5,061,007
Terex Corp.	41,305	1,966,944
The Middleby Corp. (A)	32,921	5,703,892
The Timken Company	40,467	3,261,236
The Toro Company	63,355	6,961,447
Trinity Industries, Inc.	47,878	1,287,439
Woodward, Inc.	34,695	4,263,322
		72,728,473
<b>Marine – 0.1%</b>		
Kirby Corp. (A)	35,568	2,156,844
<b>Professional services – 1.5%</b>		
ASGN, Inc. (A)	31,482	3,051,550
CACI International, Inc., Class A (A)	13,936	3,555,352
FTI Consulting, Inc. (A)	20,251	2,766,489
Insperty, Inc.	21,284	1,923,435
KBR, Inc.	83,643	3,190,980
ManpowerGroup, Inc.	32,266	3,836,750
Science Applications International Corp.	34,303	3,009,402
		21,333,958
<b>Road and rail – 0.9%</b>		
Avis Budget Group, Inc. (A)	30,591	2,382,733
Knight-Swift Transportation Holdings, Inc.	72,477	3,294,804
Landstar System, Inc.	22,729	3,591,637
Ryder System, Inc.	31,878	2,369,492
Werner Enterprises, Inc.	33,760	1,502,995
		13,141,661
<b>Trading companies and distributors – 0.8%</b>		
GATX Corp.	20,948	1,853,270
MSC Industrial Direct Company, Inc., Class A	27,809	2,495,302
Univar Solutions, Inc. (A)	100,354	2,446,631
Watsco, Inc.	19,477	5,582,887
		12,378,090
		250,177,042
<b>Information technology – 13.6%</b>		
<b>Communications equipment – 0.8%</b>		
Ciena Corp. (A)	91,700	5,216,813
Lumentum Holdings, Inc. (A)	44,914	3,684,295
NetScout Systems, Inc. (A)	43,644	1,245,600

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Communications equipment (continued)</b>		
ViaSat, Inc. (A)	40,276	\$ 2,007,356
		12,154,064
<b>Electronic equipment, instruments and components – 3.1%</b>		
Arrow Electronics, Inc. (A)	43,889	4,995,885
Avnet, Inc.	58,881	2,359,950
Belden, Inc.	26,475	1,338,841
Cognex Corp.	104,509	8,783,981
Coherent, Inc. (A)	14,516	3,837,159
II-VI, Inc. (A)	62,066	4,505,371
Jabil, Inc.	79,247	4,605,836
Littelfuse, Inc.	14,531	3,702,353
National Instruments Corp.	77,879	3,292,724
SYNNEX Corp.	24,547	2,988,843
Vishay Intertechnology, Inc.	78,533	1,770,919
Vontier Corp.	99,887	3,254,318
		45,436,180
<b>IT services – 1.6%</b>		
Alliance Data Systems Corp.	29,425	3,065,791
Concentrix Corp. (A)	24,642	3,962,434
Genpact, Ltd.	103,087	4,683,242
LiveRamp Holdings, Inc. (A)	40,484	1,896,675
MAXIMUS, Inc.	36,377	3,200,085
Sabre Corp. (A)	189,045	2,359,282
WEX, Inc. (A)	26,476	5,133,696
		24,301,205
<b>Semiconductors and semiconductor equipment – 3.9%</b>		
Amkor Technology, Inc.	63,579	1,504,915
Brooks Automation, Inc.	43,966	4,189,080
Cirrus Logic, Inc. (A)	34,041	2,897,570
CMC Materials, Inc.	17,311	2,609,460
Cree, Inc. (A)	68,331	6,691,655
First Solar, Inc. (A)	50,329	4,555,278
Lattice Semiconductor Corp. (A)	80,806	4,539,681
MKS Instruments, Inc.	32,758	5,829,286
Semtech Corp. (A)	38,420	2,643,296
Silicon Laboratories, Inc. (A)	26,481	4,058,213
SolarEdge Technologies, Inc. (A)	30,757	8,500,312
Synaptics, Inc. (A)	20,831	3,240,887
Universal Display Corp.	25,385	5,643,847
		56,903,480
<b>Software – 3.8%</b>		
ACI Worldwide, Inc. (A)	69,907	2,596,346
Aspen Technology, Inc. (A)	40,248	5,535,710
Blackbaud, Inc. (A)	28,889	2,212,031
CDK Global, Inc.	72,061	3,580,711
Ceridian HCM Holding, Inc. (A)	77,715	7,454,423
CommVault Systems, Inc. (A)	27,236	2,129,038
Envestnet, Inc. (A)	32,205	2,443,071
Fair Isaac Corp. (A)	17,029	8,560,138
j2 Global, Inc. (A)	25,111	3,454,018
Manhattan Associates, Inc. (A)	37,646	5,452,647
Paylocity Holding Corp. (A)	22,244	4,244,155
Qualys, Inc. (A)	19,920	2,005,745
Sailpoint Technologies Holdings, Inc. (A)	54,634	2,790,158
Teradata Corp. (A)	64,857	3,240,904
		55,699,095
<b>Technology hardware, storage and peripherals – 0.4%</b>		
NCR Corp. (A)	77,461	3,532,996
Xerox Holdings Corp.	95,412	2,241,228
		5,774,224
		200,268,248
<b>Materials – 6.0%</b>		

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals – 2.5%</b>		
Ashland Global Holdings, Inc.	32,332	\$ 2,829,050
Avient Corp.	54,026	2,655,918
Cabot Corp.	33,514	1,907,952
Ingevity Corp. (A)	23,687	1,927,174
Minerals Technologies, Inc.	19,960	1,570,253
NewMarket Corp.	4,333	1,395,139
Olin Corp.	84,790	3,922,385
RPM International, Inc.	76,639	6,796,347
Sensient Technologies Corp.	25,020	2,165,731
The Chemours Company	97,951	3,408,695
The Scotts Miracle-Gro Company	24,063	4,618,171
Valvoline, Inc.	107,154	3,478,219
		36,675,034
<b>Construction materials – 0.2%</b>		
Eagle Materials, Inc.	25,079	3,563,977
<b>Containers and packaging – 0.8%</b>		
AptarGroup, Inc.	38,887	5,476,845
Greif, Inc., Class A	15,696	950,393
Silgan Holdings, Inc.	46,384	1,924,936
Sonoco Products Company	59,539	3,983,159
		12,335,333
<b>Metals and mining – 2.2%</b>		
Cleveland-Cliffs, Inc. (A)(B)	271,883	5,861,797
Commercial Metals Company	71,313	2,190,735
Compass Minerals International, Inc.	20,120	1,192,311
Reliance Steel & Aluminum Company	37,700	5,688,930
Royal Gold, Inc.	38,823	4,429,704
Steel Dynamics, Inc.	118,741	7,076,964
United States Steel Corp.	159,574	3,829,776
Worthington Industries, Inc.	20,696	1,266,181
		31,536,398
<b>Paper and forest products – 0.3%</b>		
Louisiana-Pacific Corp.	60,509	3,648,088
		87,758,830
<b>Real estate – 9.1%</b>		
<b>Equity real estate investment trusts – 8.7%</b>		
American Campus Communities, Inc.	81,583	3,811,558
Apartment Income REIT Corp.	92,803	4,401,646
Brixmor Property Group, Inc.	175,726	4,022,368
Camden Property Trust	57,805	7,668,989
CoreSite Realty Corp.	25,437	3,423,820
Corporate Office Properties Trust	66,470	1,860,495
Cousins Properties, Inc.	87,967	3,235,426
CyrusOne, Inc.	72,512	5,186,058
Douglas Emmett, Inc.	97,606	3,281,514
EastGroup Properties, Inc.	23,683	3,894,669
EPR Properties (A)	44,245	2,330,827
First Industrial Realty Trust, Inc.	76,412	3,990,999
Healthcare Realty Trust, Inc.	83,828	2,531,606
Highwoods Properties, Inc.	81,576	2,781,388
Hudson Pacific Properties, Inc.	89,326	2,485,049
JBG SMITH Properties	65,365	2,059,651
Kilroy Realty Corp.	62,708	4,366,985
Lamar Advertising Company, Class A	51,299	5,356,642
Life Storage, Inc.	45,480	4,882,278
Medical Properties Trust, Inc.	348,072	6,996,247
National Retail Properties, Inc.	103,901	4,870,879
National Storage Affiliates Trust	40,799	2,062,797
Omega Healthcare Investors, Inc.	139,276	5,054,326
Park Hotels & Resorts, Inc. (A)	139,945	2,884,266
Pebblebrook Hotel Trust	77,748	1,830,965
Physicians Realty Trust	127,506	2,355,036
PotlatchDeltic Corp.	39,673	2,108,620

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
PS Business Parks, Inc.	11,892	\$ 1,760,967
Rayonier, Inc.	82,272	2,956,033
Rexford Industrial Realty, Inc.	79,332	4,517,957
Sabra Health Care REIT, Inc.	127,778	2,325,560
SL Green Realty Corp.	41,041	3,283,280
Spirit Realty Capital, Inc.	68,030	3,254,555
STORE Capital Corp.	144,060	4,971,511
The Macerich Company	98,989	1,806,549
Urban Edge Properties	65,096	1,243,334
Weingarten Realty Investors	70,993	2,276,746
		128,131,596
<b>Real estate management and development – 0.4%</b>		
Jones Lang LaSalle, Inc. (A)	30,361	5,934,361
		134,065,957
<b>Utilities – 3.1%</b>		
<b>Electric utilities – 1.0%</b>		
ALLETE, Inc.	30,883	2,161,192
Hawaiian Electric Industries, Inc.	64,609	2,731,669
IDACORP, Inc.	29,893	2,914,568
OGE Energy Corp.	118,455	3,986,011
PNM Resources, Inc.	50,793	2,477,175
		14,270,615
<b>Gas utilities – 1.2%</b>		
National Fuel Gas Company	53,952	2,818,992
New Jersey Resources Corp.	57,010	2,255,886
ONE Gas, Inc.	31,508	2,335,373
Southwest Gas Holdings, Inc.	34,323	2,271,839
Spire, Inc.	30,582	2,210,161
UGI Corp.	123,501	5,719,331
		17,611,582
<b>Multi-utilities – 0.5%</b>		
Black Hills Corp.	37,205	2,441,764
MDU Resources Group, Inc.	119,059	3,731,309
NorthWestern Corp.	29,987	1,805,817
		7,978,890
<b>Water utilities – 0.4%</b>		
Essential Utilities, Inc.	132,279	6,045,150
		45,906,237
<b>TOTAL COMMON STOCKS (Cost \$993,572,945)</b>		<b>\$ 1,381,750,715</b>

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
S&P Mid 400 Index E-Mini Futures	306	Long	Sep 2021	\$83,364,510	\$82,387,440	\$(977,070)
						<b>\$(977,070)</b>

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

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

## Mid Cap Stock Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.8%</b>		
<b>Communication services – 8.6%</b>		

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS – 5.6%</b>		
<b>U.S. Government – 1.6%</b>		
U.S. Cash Management Bill 0.013%, 09/21/2021 *	\$ 23,000,000	\$ 22,997,485
<b>U.S. Government Agency – 3.2%</b>		
Federal Home Loan Bank Discount Note 0.003%, 07/06/2021 *	47,000,000	46,999,804
<b>Short-term funds – 0.4%</b>		
John Hancock Collateral Trust, 0.0324% (C)(D)	609,581	6,098,615
<b>Repurchase agreement – 0.4%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$6,487,000 on 7-1-21, collateralized by \$6,837,000 U.S. Treasury Notes, 0.500% due 5-31-27 (valued at \$6,616,800)	\$ 6,487,000	6,487,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$82,584,920)</b>		<b>\$ 82,582,904</b>
<b>Total Investments (Mid Cap Index Trust) (Cost \$1,076,157,865) – 99.7%</b>		<b>\$ 1,464,333,619</b>
<b>Other assets and liabilities, net – 0.3%</b>		<b>4,451,737</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 1,468,785,356</b>

### Security Abbreviations and Legend

- (A) Non-income producing security.
- (B) All or a portion of this security is on loan as of 6-30-21.
- (C) The rate shown is the annualized seven-day yield as of 6-30-21.
- (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.

## Mid Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Entertainment – 3.8%</b>		
IronSource, Ltd., Class A (A)	664,068	\$ 6,972,714

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Entertainment (continued)</b>		
Spotify Technology SA (A)	109,007	\$ 30,041,239
		37,013,953
<b>Interactive media and services – 4.8%</b>		
Match Group, Inc. (A)	159,716	25,754,205
Snap, Inc., Class A (A)	303,235	20,662,433
		46,416,638
		83,430,591
<b>Consumer discretionary – 32.1%</b>		
<b>Automobiles – 1.7%</b>		
Thor Industries, Inc.	142,691	16,124,083
<b>Diversified consumer services – 3.6%</b>		
2U, Inc. (A)	284,284	11,846,114
Chegg, Inc. (A)	284,018	23,604,736
		35,450,850
<b>Hotels, restaurants and leisure – 7.9%</b>		
Chipotle Mexican Grill, Inc. (A)	20,372	31,583,526
DraftKings, Inc., Class A (A)	477,352	24,903,454
Penn National Gaming, Inc. (A)	117,824	9,012,358
Planet Fitness, Inc., Class A (A)	152,165	11,450,416
		76,949,754
<b>Household durables – 1.9%</b>		
Lennar Corp., A Shares	184,111	18,291,428
<b>Internet and direct marketing retail – 2.9%</b>		
Coupang, Inc., A Shares (A)(B)	707,162	28,723,276
<b>Leisure products – 1.5%</b>		
Polaris, Inc.	104,151	14,264,521
<b>Multiline retail – 2.4%</b>		
Ollie's Bargain Outlet Holdings, Inc. (A)	275,775	23,200,951
<b>Specialty retail – 6.0%</b>		
Five Below, Inc. (A)	114,872	22,201,311
Floor & Decor Holdings, Inc., Class A (A)	209,674	22,162,542
Ross Stores, Inc.	111,238	13,793,512
		58,157,365
<b>Textiles, apparel and luxury goods – 4.2%</b>		
Lululemon Athletica, Inc. (A)	112,872	41,194,892
		312,357,120
<b>Consumer staples – 2.5%</b>		
<b>Beverages – 2.2%</b>		
The Boston Beer Company, Inc., Class A (A)	21,298	21,740,998
<b>Household products – 0.3%</b>		
The Honest Company, Inc. (A)(B)	159,725	2,452,671
		24,193,669
<b>Financials – 4.4%</b>		
<b>Capital markets – 4.4%</b>		
Ares Management Corp., Class A	195,040	12,402,594
BowX Acquisition Corp., Class A (A)(C)	414,961	4,772,052
Soaring Eagle Acquisition Corp. (A)(C)	499,400	5,288,646
Tradeweb Markets, Inc., Class A	246,674	20,858,753
		43,322,045
<b>Health care – 20.9%</b>		
<b>Biotechnology – 3.1%</b>		
Apellis Pharmaceuticals, Inc. (A)	88,981	5,623,599
Ascendis Pharma A/S, ADR (A)	38,420	5,054,151
Exact Sciences Corp. (A)	105,833	13,156,100
Kodiak Sciences, Inc. (A)	70,109	6,520,137
		30,353,987
<b>Health care equipment and supplies – 10.5%</b>		
ABIOMED, Inc. (A)	60,362	18,839,584

## Mid Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Align Technology, Inc. (A)	67,017	\$ 40,947,387
DexCom, Inc. (A)	65,236	27,855,772
Insulet Corp. (A)	53,282	14,626,442
		102,269,185
<b>Health care providers and services – 1.8%</b>		
Oak Street Health, Inc. (A)	300,561	17,603,858
<b>Health care technology – 3.0%</b>		
GoodRx Holdings, Inc., Class A (A)(C)	448,955	16,166,870
Multiplan Corp. (A)(C)	1,331,324	12,674,204
		28,841,074
<b>Life sciences tools and services – 1.3%</b>		
Agilent Technologies, Inc.	82,792	12,237,486
<b>Pharmaceuticals – 1.2%</b>		
Elanco Animal Health, Inc. (A)	280,582	9,733,390
Reata Pharmaceuticals, Inc., Class A (A)	16,478	2,332,131
		12,065,521
		203,371,111
<b>Industrials – 7.7%</b>		
<b>Commercial services and supplies – 1.6%</b>		
Copart, Inc. (A)	116,049	15,298,740
<b>Machinery – 1.3%</b>		
The Middleby Corp. (A)	76,893	13,322,481
<b>Professional services – 4.8%</b>		
CoStar Group, Inc. (A)	350,810	29,054,084
Leidos Holdings, Inc.	174,951	17,687,546
		46,741,630
		75,362,851
<b>Information technology – 21.6%</b>		
<b>Communications equipment – 1.6%</b>		
Arista Networks, Inc. (A)	42,034	15,229,339
<b>IT services – 1.7%</b>		
MongoDB, Inc. (A)	46,006	16,632,089
<b>Semiconductors and semiconductor equipment – 5.3%</b>		
Marvell Technology, Inc.	248,473	14,493,430
MKS Instruments, Inc.	62,549	11,130,595
SolarEdge Technologies, Inc. (A)	47,450	13,113,757
Universal Display Corp.	57,828	12,856,899
		51,594,681
<b>Software – 13.0%</b>		
Fair Isaac Corp. (A)	52,302	26,291,169
Guidewire Software, Inc. (A)	171,064	19,282,334
MarkLogic Corp. (A)(D)	253,035	70,850
Paycom Software, Inc. (A)	60,925	22,144,410
Payoneer, Inc. (A)(B)	93,200	894,790
RingCentral, Inc., Class A (A)	84,074	24,430,223
Varonis Systems, Inc. (A)	271,007	15,615,423
Workday, Inc., Class A (A)	74,970	17,898,338
		126,627,537
		210,083,646
<b>TOTAL COMMON STOCKS (Cost \$700,640,209)</b>		<b>\$ 952,121,033</b>
<b>PREFERRED SECURITIES – 0.8%</b>		
<b>Consumer discretionary – 0.0%</b>		
<b>Internet and direct marketing retail – 0.0%</b>		
One Kings Lane, Inc. (A)(D)	302,694	48,431
<b>Information technology – 0.7%</b>		
<b>Software – 0.7%</b>		
Essence Group Holdings Corp. (A)(B)(D)	1,663,188	5,056,092
Lookout, Inc., Series F (A)(B)(D)	211,003	1,782,975
		6,839,067

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>PREFERRED SECURITIES (continued)</b>		
<b>Real estate – 0.1%</b>		
<b>Real estate management and development – 0.1%</b>		
WeWork Companies, Inc., Series D1 (A)(B)(D)	44,123	\$ 378,077
WeWork Companies, Inc., Series D2 (A)(B)(D)	81,039	694,400
		1,072,477
<b>TOTAL PREFERRED SECURITIES (Cost \$7,951,358)</b>		<b>\$ 7,959,975</b>
<b>SHORT-TERM INVESTMENTS – 4.5%</b>		
<b>Short-term funds – 3.1%</b>		
John Hancock Collateral Trust, 0.0324% (E)(F)	2,996,018	29,973,961
<b>Repurchase agreement – 1.4%</b>		
Deutsche Bank Tri-Party Repurchase Agreement dated 6-30-21 at 0.050% to be repurchased at \$13,800,019 on 7-1-21, collateralized by \$13,567,217 Federal National Mortgage Association, 2.500% due 12-1-50 (valued at \$14,076,000)	\$ 13,800,000	13,800,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$43,774,462)</b>		<b>\$ 43,773,961</b>
<b>Total Investments (Mid Cap Stock Trust) (Cost \$752,366,029) – 103.1%</b>		<b>\$ 1,003,854,969</b>
<b>Other assets and liabilities, net – (3.1%)</b>		<b>(30,378,760)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 973,476,209</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	Restricted security as to resale. For more information on this security refer to the Notes to financial statements.
(C)	All or a portion of this security is on loan as of 6-30-21.
(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)	The rate shown is the annualized seven-day yield as of 6-30-21.
(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 Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 92.5%</b>		
<b>Communication services – 4.7%</b>		
<b>Entertainment – 0.2%</b>		
Madison Square Garden Sports Corp. (A)	7,310	\$ 1,261,487
<b>Media – 4.3%</b>		
DISH Network Corp., Class A (A)	92,816	3,879,709
Fox Corp., Class A	106,353	3,948,887
News Corp., Class A	562,162	14,486,915
Scholastic Corp.	114,471	4,337,306
ViacomCBS, Inc., Class B	49,362	2,231,162
		28,883,979
<b>Wireless telecommunication services – 0.2%</b>		
Telephone & Data Systems, Inc.	72,703	1,647,450
		31,792,916
<b>Consumer discretionary – 2.7%</b>		

## Mid Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified consumer services – 0.5%</b>		
Strategic Education, Inc.	44,075	\$ 3,352,345
<b>Hotels, restaurants and leisure – 0.5%</b>		
Compass Group PLC (A)	145,662	3,068,794
<b>Household durables – 0.3%</b>		
Mohawk Industries, Inc. (A)	9,581	1,841,372
<b>Multiline retail – 0.5%</b>		
Nordstrom, Inc. (A)	93,889	3,433,521
<b>Textiles, apparel and luxury goods – 0.9%</b>		
Ralph Lauren Corp.	53,041	6,248,760
		17,944,792
<b>Consumer staples – 8.4%</b>		
<b>Beverages – 0.7%</b>		
Carlsberg A/S, Class B	23,386	4,364,200
<b>Food and staples retailing – 1.4%</b>		
Sysco Corp.	122,711	9,540,780
<b>Food products – 5.8%</b>		
Bunge, Ltd.	160,551	12,547,061
Campbell Soup Company	141,276	6,440,773
Flowers Foods, Inc.	563,284	13,631,473
The Kraft Heinz Company	147,059	5,997,066
		38,616,373
<b>Household products – 0.5%</b>		
Kimberly-Clark Corp.	26,621	3,561,357
		56,082,710
<b>Energy – 12.5%</b>		
<b>Energy equipment and services – 2.6%</b>		
Frank's International NV (A)(B)	879,923	2,666,167
NOV, Inc. (A)	242,444	3,714,242
SEACOR Marine Holdings, Inc. (A)	98,958	436,405
TechnipFMC PLC (A)	902,858	8,170,865
Tidewater, Inc. (A)	195,514	2,355,944
		17,343,623
<b>Oil, gas and consumable fuels – 9.9%</b>		
Cameco Corp.	557,369	10,690,337
Canadian Natural Resources, Ltd.	241,590	8,764,885
Chesapeake Energy Corp.	50,549	2,624,504
EQT Corp. (A)	783,636	17,443,737
Equitrans Midstream Corp.	525,939	4,475,741
Hess Corp.	35,311	3,083,357
Imperial Oil, Ltd.	528,268	16,059,347
NAC Kazatomprom JSC, GDR	117,790	3,415,941
		66,557,849
		83,901,472
<b>Financials – 16.2%</b>		
<b>Banks – 3.5%</b>		
Fifth Third Bancorp	344,783	13,181,054
Popular, Inc.	59,883	4,494,219
Westamerica Bancorporation	96,310	5,588,869
		23,264,142
<b>Capital markets – 3.9%</b>		
Lazard, Ltd., Class A	109,351	4,948,133
Northern Trust Corp.	79,862	9,233,644
State Street Corp.	147,600	12,144,528
		26,326,305
<b>Diversified financial services – 1.1%</b>		
Groupe Bruxelles Lambert SA	62,496	6,997,757
<b>Insurance – 7.2%</b>		
Brighthouse Financial, Inc. (A)	128,985	5,873,977
Brown & Brown, Inc.	145,130	7,712,208
CNA Financial Corp.	159,545	7,257,702



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
Kemper Corp.	62,221	\$ 4,598,132
Loews Corp.	240,193	13,126,547
Marsh & McLennan Companies, Inc.	33,432	4,703,214
RenaissanceRe Holdings, Ltd.	34,049	5,067,172
		48,338,952
<b>Thriffs and mortgage finance – 0.5%</b>		
Capitol Federal Financial, Inc.	298,563	3,517,072
		108,444,228
<b>Health care – 16.5%</b>		
<b>Biotechnology – 2.1%</b>		
ACADIA Pharmaceuticals, Inc. (A)	112,600	2,746,314
Alkermes PLC (A)	200,806	4,923,763
BioMarin Pharmaceutical, Inc. (A)	26,604	2,219,838
Galapagos NV (A)	23,562	1,629,094
Incyte Corp. (A)	24,038	2,022,317
Ionis Pharmaceuticals, Inc. (A)	13,324	531,494
		14,072,820
<b>Health care equipment and supplies – 5.0%</b>		
Baxter International, Inc.	127,028	10,225,754
Dentsply Sirona, Inc.	154,242	9,757,349
Hologic, Inc. (A)	71,954	4,800,771
Zimmer Biomet Holdings, Inc.	56,240	9,044,517
		33,828,391
<b>Health care providers and services – 8.3%</b>		
Cardinal Health, Inc.	286,942	16,381,519
Centene Corp. (A)	31,500	2,297,295
Covetrus, Inc. (A)	160,596	4,336,092
Fresenius Medical Care AG & Company KGaA	12,767	1,060,889
Fresenius Medical Care AG & Company KGaA, ADR	36,671	1,524,413
Fresenius SE & Company KGaA	43,713	2,281,376
Fresenius SE & Company KGaA, ADR	135,772	1,782,686
Patterson Companies, Inc.	329,430	10,011,378
Select Medical Holdings Corp.	369,994	15,635,946
		55,311,594
<b>Pharmaceuticals – 1.1%</b>		
Perrigo Company PLC	165,346	7,581,114
		110,793,919
<b>Industrials – 6.6%</b>		
<b>Aerospace and defense – 2.6%</b>		
Rolls-Royce Holdings PLC (A)	2,343,804	3,208,705
Textron, Inc.	206,847	14,224,868
		17,433,573
<b>Air freight and logistics – 0.9%</b>		
CH Robinson Worldwide, Inc.	61,541	5,764,545
<b>Airlines – 0.4%</b>		
Southwest Airlines Company (A)	55,004	2,920,162
<b>Commercial services and supplies – 0.4%</b>		
Cintas Corp.	6,472	2,472,304
<b>Machinery – 1.8%</b>		
AGCO Corp.	21,336	2,781,788
CNH Industrial NV	60,041	1,003,886
PACCAR, Inc.	94,338	8,419,667
		12,205,341
<b>Road and rail – 0.5%</b>		
JB Hunt Transport Services, Inc.	22,129	3,605,921
		44,401,846
<b>Information technology – 2.4%</b>		

## Mid Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electronic equipment, instruments and components – 0.8%</b>		
National Instruments Corp.	132,985	\$ 5,622,606
<b>IT services – 0.4%</b>		
Cognizant Technology Solutions Corp., Class A	38,144	2,641,853
<b>Semiconductors and semiconductor equipment – 1.2%</b>		
Applied Materials, Inc.	54,323	7,735,595
		16,000,054
<b>Materials – 9.5%</b>		
<b>Chemicals – 2.2%</b>		
Corteva, Inc.	192,053	8,517,551
PPG Industries, Inc.	15,761	2,675,745
Westlake Chemical Corp.	41,420	3,731,528
		14,924,824
<b>Construction materials – 1.8%</b>		
Summit Materials, Inc., Class A (A)	218,008	7,597,579
Vulcan Materials Company	25,971	4,520,772
		12,118,351
<b>Metals and mining – 5.5%</b>		
AngloGold Ashanti, Ltd., ADR	83,398	1,549,535
Centerra Gold, Inc.	66,796	507,059
Cia de Minas Buenaventura SAA, ADR (A)	495,853	4,487,470
Franco-Nevada Corp.	92,836	13,472,304
Freeport-McMoRan, Inc.	205,261	7,617,236
Fresnillo PLC	463,435	4,955,411
Gold Fields, Ltd., ADR	403,167	3,588,186
Newmont Corp.	4,900	310,562
		36,487,763
		63,530,938
<b>Real estate – 6.1%</b>		
<b>Equity real estate investment trusts – 5.9%</b>		
Apartment Income REIT Corp.	61,990	2,940,186
Apartment Investment and Management Company, Class A	417,176	2,799,251
Equity Commonwealth	101,907	2,669,963
Equity Residential	59,856	4,608,912
Rayonier, Inc.	284,394	10,218,276
Regency Centers Corp.	99,981	6,405,783
Weyerhaeuser Company	296,059	10,190,351
		39,832,722
<b>Real estate management and development – 0.2%</b>		
The St. Joe Company	32,761	1,461,468
		41,294,190
<b>Utilities – 6.9%</b>		
<b>Electric utilities – 3.7%</b>		
FirstEnergy Corp.	398,318	14,821,413
PG&E Corp. (A)	1,011,699	10,288,979
		25,110,392
<b>Gas utilities – 0.7%</b>		
National Fuel Gas Company	97,316	5,084,761
<b>Independent power and renewable electricity producers – 1.2%</b>		
Vistra Corp.	426,620	7,913,801
<b>Multi-utilities – 1.3%</b>		
CenterPoint Energy, Inc.	218,405	5,355,291
Consolidated Edison, Inc.	44,500	3,191,540
		8,546,831
		46,655,785
<b>TOTAL COMMON STOCKS (Cost \$464,575,186)</b>		<b>\$ 620,842,850</b>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Mid Value Trust (continued)

	Shares or Principal Amount	Value
<b>PREFERRED SECURITIES – 0.1%</b>		
<b>Consumer staples – 0.1%</b>		
<b>Food products – 0.1%</b>		
Bunge, Ltd., 4.875%	8,102	\$ 941,695
<b>TOTAL PREFERRED SECURITIES (Cost \$917,915)</b>		<b>\$ 941,695</b>
<b>CORPORATE BONDS - 0.2%</b>		
<b>Energy - 0.2%</b>		
Weatherford International, Ltd.		
11.000%, 12/01/2024 (C)	\$ 1,427,000	1,484,080
<b>TOTAL CORPORATE BONDS (Cost \$1,078,583)</b>		<b>\$ 1,484,080</b>
<b>TERM LOANS (D) – 0.0%</b>		
<b>Energy – 0.0%</b>		
Chesapeake Energy Corp., 2019 Last Out Term Loan		
0.000%, 06/24/2024 (E)	55,000	88,000
<b>TOTAL TERM LOANS (Cost \$63,800)</b>		<b>\$ 88,000</b>
<b>SHORT-TERM INVESTMENTS – 7.4%</b>		
<b>Short-term funds – 7.4%</b>		
John Hancock Collateral Trust, 0.0324% (F)(G)	282,737	2,828,667
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (F)	2,014,063	2,014,063
T. Rowe Price Government Reserve Fund, 0.0295% (F)	44,548,983	44,548,983
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$49,391,727)</b>		<b>\$ 49,391,713</b>
<b>Total Investments (Mid Value Trust) (Cost \$516,027,211) – 100.2%</b>		<b>\$ 672,748,338</b>
<b>Other assets and liabilities, net – (0.2%)</b>		<b>(1,438,238)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 671,310,100</b>

### 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 6-30-21.
(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)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(E)	Non-income producing - Issuer is in default.
(F)	The rate shown is the annualized seven-day yield as of 6-30-21.
(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.

## Real Estate Securities Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 99.5%</b>		
<b>Consumer discretionary – 2.7%</b>		
<b>Hotels, restaurants and leisure – 2.7%</b>		
<b>Casinos and gaming – 1.3%</b>		
Caesars Entertainment, Inc. (A)	45,675	\$ 4,738,781
<b>Hotels, resorts and cruise lines – 1.4%</b>		
Playa Hotels & Resorts NV (A)	723,783	5,377,708
		10,116,489

## Real Estate Securities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care – 2.3%</b>		
<b>Health care providers and services – 2.3%</b>		
<b>Health care facilities – 2.3%</b>		
Brookdale Senior Living, Inc. (A)	491,232	\$ 3,880,733
HCA Healthcare, Inc.	22,330	4,616,504
		8,497,237
<b>Real estate – 94.5%</b>		
<b>Equity real estate investment trusts – 91.2%</b>		
<b>Health care REITs – 8.0%</b>		
Healthpeak Properties, Inc.	299,480	9,969,689
Welltower, Inc.	236,113	19,620,990
		29,590,679
<b>Hotel and resort REITs – 3.0%</b>		
Pebblebrook Hotel Trust	240,171	5,656,027
Ryman Hospitality Properties, Inc. (A)	70,723	5,584,288
		11,240,315
<b>Industrial REITs – 14.6%</b>		
First Industrial Realty Trust, Inc.	95,022	4,962,999
Innovative Industrial Properties, Inc.	20,666	3,947,619
Prologis, Inc.	291,673	34,863,674
Rexford Industrial Realty, Inc.	185,166	10,545,204
		54,319,496
<b>Office REITs – 7.0%</b>		
Alexandria Real Estate Equities, Inc.	19,199	3,493,066
Douglas Emmett, Inc.	196,504	6,606,464
Kilroy Realty Corp.	89,740	6,249,494
SL Green Realty Corp.	119,006	9,520,480
		25,869,504
<b>Residential REITs – 20.8%</b>		
American Homes 4 Rent, Class A	154,847	6,015,806
AvalonBay Communities, Inc.	74,867	15,623,994
Camden Property Trust	87,101	11,555,690
Independence Realty Trust, Inc.	452,122	8,242,184
Invitation Homes, Inc.	296,241	11,046,827
Sun Communities, Inc.	65,918	11,298,345
UDR, Inc.	282,464	13,835,087
		77,617,933
<b>Retail REITs – 11.8%</b>		
Acadia Realty Trust	250,706	5,505,504
Brixmor Property Group, Inc.	657,381	15,047,451
Retail Opportunity Investments Corp.	396,734	7,006,322
Simon Property Group, Inc.	86,725	11,315,878
Weingarten Realty Investors	160,228	5,138,512
		44,013,667
<b>Specialized REITs – 26.0%</b>		
American Tower Corp.	56,280	15,203,479
Crown Castle International Corp.	51,095	9,968,635
Equinix, Inc.	20,915	16,786,379
Extra Space Storage, Inc.	126,812	20,774,342
Life Storage, Inc.	111,921	12,014,719
PotlatchDeltic Corp.	74,785	3,974,823
Public Storage	19,255	5,789,786
VICI Properties, Inc.	401,302	12,448,388
		96,960,551
		339,612,145
<b>Real estate management and development – 3.3%</b>		
<b>Real estate services – 3.3%</b>		
Colliers International Group, Inc. (New York Stock Exchange)	55,860	6,255,203

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Real Estate Securities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
Jones Lang LaSalle, Inc. (A)	30,869	\$ 6,033,655
		12,288,858
		351,901,003
<b>TOTAL COMMON STOCKS (Cost \$301,846,349)</b>		<b>\$ 370,514,729</b>
<b>SHORT-TERM INVESTMENTS – 0.4%</b>		
<b>Short-term funds – 0.4%</b>		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (B)	1,573,727	1,573,727
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$1,573,727)</b>		<b>\$ 1,573,727</b>
<b>Total Investments (Real Estate Securities Trust) (Cost \$303,420,076) – 99.9%</b>		
		<b>\$ 372,088,456</b>
<b>Other assets and liabilities, net – 0.1%</b>		<b>235,099</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 372,323,555</b>

### Security Abbreviations and Legend

- (A) Non-income producing security.  
(B) The rate shown is the annualized seven-day yield as of 6-30-21.

## Science & Technology Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 95.7%</b>		
<b>Communication services – 15.3%</b>		
<b>Entertainment – 0.5%</b>		
CTS Eventim AG & Company KGaA (A)	79,610	\$ 4,972,961
Netflix, Inc. (A)	1,320	697,237
Take-Two Interactive Software, Inc. (A)	2,885	510,703
		6,180,901
<b>Interactive media and services – 14.8%</b>		
Alphabet, Inc., Class A (A)	3,060	7,471,877
Alphabet, Inc., Class C (A)	25,283	63,367,289
Baidu, Inc., ADR (A)	50,029	10,200,913
Facebook, Inc., Class A (A)	168,957	58,748,038
Kanzhun, Ltd. (A)	16,204	642,489
Kuaishou Technology (A)(B)	13,100	329,455
Mail.Ru Group, Ltd., GDR (A)	642,468	14,605,071
Pinterest, Inc., Class A (A)	120,639	9,524,449
Snap, Inc., Class A (A)	73,810	5,029,413
Tencent Holdings, Ltd.	8,000	602,340
Zillow Group, Inc., Class A (A)	5,835	714,963
ZoomInfo Technologies, Inc., Class A (A)	34,170	1,782,649
		173,018,946
		179,199,847
<b>Consumer discretionary – 23.8%</b>		
<b>Auto components – 0.5%</b>		
Aptiv PLC (A)	16,685	2,625,051
Magna International, Inc.	32,215	2,984,398
		5,609,449
<b>Automobiles – 0.8%</b>		
Ford Motor Company (A)	190,025	2,823,772
General Motors Company (A)	101,000	5,976,170
Tesla, Inc. (A)	1,005	683,099
		9,483,041
<b>Hotels, restaurants and leisure – 2.8%</b>		
Airbnb, Inc., Class A (A)	119	18,224

## Science & Technology Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Booking Holdings, Inc. (A)	11,388	\$ 24,917,969
Expedia Group, Inc. (A)	48,680	7,969,403
		32,905,596
<b>Internet and direct marketing retail – 19.7%</b>		
Alibaba Group Holding, Ltd., ADR (A)	129,189	29,297,481
Amazon.com, Inc. (A)	19,422	66,814,782
boohoo Group PLC (A)	1,521,800	6,533,811
Coupang, Inc. (A)(C)	136,252	5,698,059
Deliveroo PLC (A)(B)	1,170,436	4,652,337
Delivery Hero SE (A)(B)	94,121	12,435,842
DoorDash, Inc., Class A (A)	34,590	6,168,435
Etsy, Inc. (A)	77,738	16,001,590
Naspers, Ltd., N Shares	39,178	8,260,559
Tongcheng-Elong Holdings, Ltd. (A)	2,114,400	5,291,604
Trip.com Group, Ltd., ADR (A)	829,503	29,414,176
Wayfair, Inc., Class A (A)(C)	20,888	6,594,550
Zalando SE (A)(B)	277,791	33,596,025
		230,759,251
		278,757,337
<b>Health care – 0.7%</b>		
<b>Health care equipment and supplies – 0.6%</b>		
Intuitive Surgical, Inc. (A)	7,959	7,319,415
<b>Health care technology – 0.1%</b>		
Veeva Systems, Inc., Class A (A)	3,775	1,173,836
		8,493,251
<b>Industrials – 0.7%</b>		
<b>Commercial services and supplies – 0.0%</b>		
Legalzoom.com, Inc. (A)	5,770	161,560
<b>Electrical equipment – 0.1%</b>		
Array Technologies, Inc. (A)	46,323	722,639
Bloom Energy Corp., Class A (A)	2,970	79,804
		802,443
<b>Road and rail – 0.6%</b>		
DiDi Chuxing, Inc. (A)(D)	9,513	497,701
Lyft, Inc., Class A (A)	118,905	7,191,374
		7,689,075
		8,653,078
<b>Information technology – 55.2%</b>		
<b>Communications equipment – 0.5%</b>		
Arista Networks, Inc. (A)	1,790	648,535
Cisco Systems, Inc.	85,795	4,547,135
F5 Networks, Inc. (A)	4,430	826,904
		6,022,574
<b>Electronic equipment, instruments and components – 1.2%</b>		
Cognex Corp.	7,730	649,707
Flex, Ltd. (A)	112,955	2,018,506
IPG Photonics Corp. (A)	8,730	1,840,022
Samsung SDI Company, Ltd.	16,386	10,145,191
		14,653,426
<b>IT services – 10.0%</b>		
Adyen NV (A)(B)	1,090	2,673,039
DXC Technology Company (A)	134,390	5,233,147
EPAM Systems, Inc. (A)	5,195	2,654,437
Fidelity National Information Services, Inc.	14,713	2,084,391
Fiserv, Inc. (A)	17,407	1,860,634
Global Payments, Inc.	9,946	1,865,273
Mastercard, Inc., Class A	19,580	7,148,462
MongoDB, Inc. (A)	51,995	18,797,232
Okta, Inc. (A)	6,985	1,709,090
PayPal Holdings, Inc. (A)	61,370	17,888,128
Shopify, Inc., Class A (A)	4,075	5,953,494

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Science & Technology Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services (continued)</b>		
Snowflake, Inc., Class A (A)	7,843	\$ 1,896,437
Square, Inc., Class A (A)	53,295	12,993,321
Twilio, Inc., Class A (A)	49,450	19,491,212
VeriSign, Inc. (A)	14,982	3,411,252
Visa, Inc., Class A	36,909	8,630,062
Wix.com, Ltd. (A)	10,124	2,938,795
		117,228,406
<b>Semiconductors and semiconductor equipment – 12.9%</b>		
Advanced Micro Devices, Inc. (A)	16,115	1,513,682
Advantest Corp.	17,100	1,535,354
Applied Materials, Inc.	140,742	20,041,661
Cree, Inc. (A)	12,010	1,176,139
Infineon Technologies AG	74,450	2,994,622
KLA Corp.	2,655	860,778
Lam Research Corp.	21,120	13,742,784
Micron Technology, Inc. (A)	359,523	30,552,265
NVIDIA Corp.	8,430	6,744,843
NXP Semiconductors NV	33,780	6,949,222
ON Semiconductor Corp. (A)	129,920	4,973,338
Qorvo, Inc. (A)	15,255	2,984,641
QUALCOMM, Inc.	67,620	9,664,927
SK Hynix, Inc.	63,941	7,216,928
Skyworks Solutions, Inc.	21,980	4,214,665
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	83,695	10,056,791
Teradyne, Inc.	32,460	4,348,342
Tokyo Electron, Ltd.	12,400	5,361,564
Xilinx, Inc.	111,396	16,112,317
		151,044,863
<b>Software – 24.0%</b>		
Adobe, Inc. (A)	7,025	4,114,121
Alteryx, Inc., Class A (A)	22,325	1,920,397
Asana, Inc., Class A (A)	212,680	13,192,540
Autodesk, Inc. (A)	4,720	1,377,768
Box, Inc., Class A (A)	43,735	1,117,429
Citrix Systems, Inc.	213,251	25,007,945
Cloudflare, Inc., Class A (A)	7,690	813,910
Crowdstrike Holdings, Inc., Class A (A)	65,000	16,335,150
Datadog, Inc., Class A (A)	15,395	1,602,312
DocuSign, Inc. (A)	6,145	1,717,958
FireEye, Inc. (A)	31,500	636,930
Fortinet, Inc. (A)	22,805	5,431,923
HubSpot, Inc. (A)	40,928	23,849,564
Intuit, Inc.	27,129	13,297,822
KnowBe4, Inc., Class A (A)	9,849	307,978
McAfee Corp., Class A	180,926	5,069,547
Microsoft Corp.	157,633	42,702,780
Monday.com, Ltd. (A)(C)	1,972	440,919
NortonLifeLock, Inc.	171,540	4,669,319
Palo Alto Networks, Inc. (A)	13,035	4,836,637
Paycom Software, Inc. (A)	32,675	11,876,382
Procore Technologies, Inc. (A)	3,456	328,147
salesforce.com, Inc. (A)	173,394	42,354,952
SentinelOne, Inc., Class A (A)	14,578	619,565
Slack Technologies, Inc., Class A (A)	65,411	2,897,707
TeamViewer AG (A)(B)	159,929	6,006,442
UiPath, Inc., Class A (A)(C)	11,500	781,195
Varonis Systems, Inc. (A)	43,350	2,497,827
Workday, Inc., Class A (A)	36,120	8,623,289
Zoom Video Communications, Inc., Class A (A)	57,609	22,296,411
Zscaler, Inc. (A)	65,592	14,171,808
		280,896,674

## Science & Technology Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Technology hardware, storage and peripherals – 6.6%</b>		
Apple, Inc.	158,705	\$ 21,736,237
HP, Inc.	48,975	1,478,555
Pure Storage, Inc., Class A (A)	907,249	17,718,573
Samsung Electronics Company, Ltd.	304,625	21,806,924
Seagate Technology Holdings PLC	60,365	5,307,894
Western Digital Corp. (A)	126,940	9,034,320
		77,082,503
		646,928,446
<b>TOTAL COMMON STOCKS (Cost \$856,806,172)</b>		<b>\$ 1,122,031,959</b>
<b>SHORT-TERM INVESTMENTS – 5.1%</b>		
<b>Short-term funds – 3.4%</b>		
John Hancock Collateral Trust, 0.0324% (E)(F)	969,251	9,696,971
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (E)	483,827	483,827
T. Rowe Price Government Reserve Fund, 0.0295% (E)	29,834,099	29,834,099
		40,014,897
<b>Repurchase agreement – 1.7%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$19,536,000 on 7-1-21, collateralized by \$19,914,000 U.S. Treasury Notes, 0.099% due 1-31-23 (valued at \$19,926,760)	\$ 19,536,000	19,536,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$59,551,122)</b>		<b>\$ 59,550,897</b>
<b>Total Investments (Science &amp; Technology Trust)</b> <b>(Cost \$916,357,294) – 100.8%</b>		<b>\$ 1,181,582,856</b>
<b>Other assets and liabilities, net – (0.8%)</b>		<b>(9,129,922)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 1,172,452,934</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global Depositary Receipt
(A)	Non-income producing security.
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(C)	All or a portion of this security is on loan as of 6-30-21.
(D)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to financial statements.
(E)	The rate shown is the annualized seven-day yield as of 6-30-21.
(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.

## Small Cap Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 95.1%</b>		
<b>Communication services – 3.4%</b>		
<b>Diversified telecommunication services – 0.6%</b>		
Anterix, Inc. (A)	2,677	\$ 160,593
ATN International, Inc.	2,631	119,684
Bandwidth, Inc., Class A (A)	5,146	709,736
Cincinnati Bell, Inc. (A)	11,437	176,359

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified telecommunication services (continued)</b>		
Cogent Communications Holdings, Inc.	9,457	\$ 727,149
Consolidated Communications Holdings, Inc. (A)	16,972	149,184
Globalstar, Inc. (A)	137,268	244,337
IDT Corp., Class B (A)	4,712	174,156
Iridium Communications, Inc. (A)	26,740	1,069,333
Liberty Latin America, Ltd., Class A (A)	14,142	196,008
Liberty Latin America, Ltd., Class C (A)	30,535	430,544
Ooma, Inc. (A)	5,439	102,580
ORBCOMM, Inc. (A)	17,264	194,047
Radius Global Infrastructure, Inc., Class A (A)	10,347	150,032
		4,603,742
<b>Entertainment – 1.1%</b>		
AMC Entertainment Holdings, Inc., Class A (A)	91,052	5,160,819
Chicken Soup For The Soul Entertainment, Inc. (A)	2,914	120,640
Cinemark Holdings, Inc. (A)	24,204	531,278
CuriosityStream, Inc. (A)	6,306	86,014
Eros STX Global Corp. (A)	74,257	113,613
IMAX Corp. (A)	11,206	240,929
Liberty Media Corp.-Liberty Braves, Class A (A)	4,756	134,214
Liberty Media Corp.-Liberty Braves, Class C (A)	6,158	171,008
Lions Gate Entertainment Corp., Class A (A)	12,147	251,443
Lions Gate Entertainment Corp., Class B (A)	26,773	489,946
Madison Square Garden Entertainment Corp. (A)	4,238	355,865
The Marcus Corp. (A)(B)	5,578	118,309
		7,774,078
<b>Interactive media and services – 0.5%</b>		
CarGurus, Inc. (A)	20,847	546,817
Cars.com, Inc. (A)	15,423	221,012
Eventbrite, Inc., Class A (A)	16,840	319,960
EverQuote, Inc., Class A (A)	4,383	143,236
FuboTV, Inc. (A)	29,460	945,961
Liberty TripAdvisor Holdings, Inc., Class A (A)	17,825	72,548
MediaAlpha, Inc., Class A (A)	4,652	195,849
QuinStreet, Inc. (A)	11,322	210,363
TrueCar, Inc. (A)	23,229	131,244
Yelp, Inc. (A)	16,088	642,876
		3,429,866
<b>Media – 1.0%</b>		
Advantage Solutions, Inc. (A)	17,149	185,038
AMC Networks, Inc., Class A (A)	6,495	433,866
Audacy, Inc. (A)	27,481	118,443
Boston Omaha Corp., Class A (A)	4,112	130,392
Cardlytics, Inc. (A)	7,166	909,580
Clear Channel Outdoor Holdings, Inc. (A)	83,003	219,128
comScore, Inc. (A)	17,910	89,550
Daily Journal Corp. (A)	288	97,488
Entravision Communications Corp., Class A	15,125	101,035
Gannett Company, Inc. (A)	32,687	179,452
Gray Television, Inc.	19,143	447,946
iHeartMedia, Inc., Class A (A)	25,005	673,385
John Wiley & Sons, Inc., Class A	9,378	564,368
Loral Space & Communications, Inc.	3,096	120,280
MDC Partners, Inc., Class A (A)	16,171	94,600

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Media (continued)</b>		
Meredith Corp. (A)	8,916	\$ 387,311
MSG Networks, Inc., Class A (A)	7,318	106,696
National CineMedia, Inc.	16,122	81,739
Scholastic Corp.	6,537	247,687
Sinclair Broadcast Group, Inc., Class A	10,511	349,175
TechTarget, Inc. (A)	5,693	441,151
TEGNA, Inc.	49,001	919,259
The EW Scripps Company, Class A	13,063	266,355
WideOpenWest, Inc. (A)	11,884	246,118
		7,410,042
<b>Wireless telecommunication services – 0.2%</b>		
Gogo, Inc. (A)	13,701	155,917
Shenandoah Telecommunications Company	10,920	529,729
Telephone & Data Systems, Inc.	22,299	505,295
United States Cellular Corp. (A)	3,345	121,457
		1,312,398
		24,530,126
<b>Consumer discretionary – 11.4%</b>		
<b>Auto components – 1.3%</b>		
Adient PLC (A)	21,170	956,884
American Axle & Manufacturing Holdings, Inc. (A)	25,342	262,290
Cooper-Standard Holdings, Inc. (A)	3,998	115,942
Dana, Inc.	32,401	769,848
Dorman Products, Inc. (A)	5,941	615,903
Fox Factory Holding Corp. (A)	9,440	1,469,430
Gentherm, Inc. (A)	7,446	529,038
LCI Industries	5,514	724,650
Modine Manufacturing Company (A)	11,609	192,593
Motorcar Parts of America, Inc. (A)	4,915	110,293
Patrick Industries, Inc.	5,131	374,563
Standard Motor Products, Inc.	4,542	196,896
Stoneridge, Inc. (A)	5,928	174,876
Tenneco, Inc., Class A (A)	15,874	306,686
The Goodyear Tire & Rubber Company (A)	61,668	1,057,606
Visteon Corp. (A)	6,179	747,288
XL Fleet Corp. (A)	9,103	75,828
XPEL, Inc. (A)	4,027	337,744
		9,018,358
<b>Automobiles – 0.3%</b>		
Arcimoto, Inc. (A)	6,538	112,388
Canoo, Inc. (A)(B)	18,197	180,878
Fisker, Inc. (A)	35,599	686,349
Lordstown Motors Corp., Class A (A)(B)	25,359	280,471
Winnebago Industries, Inc.	7,208	489,856
Workhorse Group, Inc. (A)(B)	27,945	463,608
		2,213,550
<b>Distributors – 0.1%</b>		
Core-Mark Holding Company, Inc.	10,056	452,621
Funko, Inc., Class A (A)	6,118	130,191
		582,812
<b>Diversified consumer services – 0.6%</b>		
2U, Inc. (A)	16,160	673,387
Adtalem Global Education, Inc. (A)	11,105	395,782
American Public Education, Inc. (A)	4,498	127,473
Carriage Services, Inc.	4,133	152,797
Coursera, Inc. (A)	2,731	108,038
Graham Holdings Company, Class B	847	536,913
Houghton Mifflin Harcourt Company (A)	28,740	317,290
Laureate Education, Inc., Class A (A)	24,060	349,111
OneSpaWorld Holdings, Ltd. (A)	12,883	124,836
Perdoceo Education Corp. (A)	16,311	200,136

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified consumer services (continued)</b>		
Strategic Education, Inc.	5,551	\$ 422,209
Stride, Inc. (A)	9,099	292,351
Vivint Smart Home, Inc. (A)	20,881	275,629
WW International, Inc. (A)	11,836	427,753
		4,403,705
<b>Hotels, restaurants and leisure – 2.3%</b>		
Accel Entertainment, Inc. (A)	13,125	155,794
Bally's Corp. (A)	7,309	395,490
BJ's Restaurants, Inc. (A)	5,247	257,838
Bloomin' Brands, Inc. (A)	19,973	542,067
Bluegreen Vacations Holding Corp. (A)	4,507	81,126
Brinker International, Inc. (A)	10,175	629,324
Century Casinos, Inc. (A)	6,753	90,693
Chuy's Holdings, Inc. (A)	4,706	175,346
Cracker Barrel Old Country Store, Inc.	5,315	789,065
Dave & Buster's Entertainment, Inc. (A)	9,749	395,809
Del Taco Restaurants, Inc.	8,214	82,222
Denny's Corp. (A)	14,832	244,580
Dine Brands Global, Inc. (A)	3,625	323,531
Drive Shack, Inc. (A)	20,490	67,822
El Pollo Loco Holdings, Inc. (A)	5,199	95,090
Everi Holdings, Inc. (A)	18,711	466,652
Fiesta Restaurant Group, Inc. (A)	4,753	63,833
Full House Resorts, Inc. (A)	8,237	81,876
GAN, Ltd. (A)(B)	9,407	154,651
Golden Entertainment, Inc. (A)	3,892	174,362
Golden Nugget Online Gaming, Inc. (A)	7,654	97,665
Hilton Grand Vacations, Inc. (A)	19,070	789,307
International Game Technology PLC (A)	22,260	533,350
Jack in the Box, Inc.	5,174	576,591
Lindblad Expeditions Holdings, Inc. (A)	7,333	117,401
Monarch Casino & Resort, Inc. (A)	3,054	202,083
NeoGames SA (A)	1,260	77,452
Noodles & Company (A)	10,109	126,160
Papa John's International, Inc.	7,442	777,242
PlayAGS, Inc. (A)	6,792	67,241
RCI Hospitality Holdings, Inc.	1,994	132,003
Red Robin Gourmet Burgers, Inc. (A)	3,708	122,772
Red Rock Resorts, Inc., Class A (A)	13,833	587,903
Rush Street Interactive, Inc. (A)	12,065	147,917
Ruth's Hospitality Group, Inc. (A)	7,936	182,766
Scientific Games Corp. (A)	21,522	1,666,664
SeaWorld Entertainment, Inc. (A)	11,487	573,661
Shake Shack, Inc., Class A (A)	8,380	896,828
Texas Roadhouse, Inc.	15,661	1,506,588
The Cheesecake Factory, Inc. (A)	9,765	529,068
Wingstop, Inc.	6,688	1,054,229
		16,032,062
<b>Household durables – 1.8%</b>		
Aterian, Inc. (A)	4,727	69,156
Bassett Furniture Industries, Inc.	2,530	61,606
Beazer Homes USA, Inc. (A)	6,761	130,420
Cavco Industries, Inc. (A)	2,093	465,044
Century Communities, Inc.	6,730	447,814
Ethan Allen Interiors, Inc.	5,413	149,399
Flexsteel Industries, Inc.	1,760	71,086
GoPro, Inc., Class A (A)	27,742	323,194
Green Brick Partners, Inc. (A)	7,139	162,341
Hamilton Beach Brands Holding Company, Class B	1,197	26,657
Helen of Troy, Ltd. (A)	5,437	1,240,288
Hooker Furniture Corp.	3,165	109,636
Hovnanian Enterprises, Inc., Class A (A)	1,174	124,784
Installed Building Products, Inc.	5,343	653,769
iRobot Corp. (A)	6,228	581,633

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Household durables (continued)</b>		
KB Home	19,927	\$ 811,427
La-Z-Boy, Inc.	10,258	379,956
LGI Homes, Inc. (A)	4,969	804,680
M/I Homes, Inc. (A)	6,303	369,797
MDC Holdings, Inc.	12,756	645,454
Meritage Homes Corp. (A)	8,328	783,498
Purple Innovation, Inc. (A)	11,331	299,252
Skyline Champion Corp. (A)	11,906	634,590
Sonos, Inc. (A)	26,920	948,392
Taylor Morrison Home Corp. (A)	27,676	731,200
The Lovesac Company (A)	2,906	231,870
Tri Pointe Homes, Inc. (A)	26,187	561,187
Tupperware Brands Corp. (A)	11,300	268,375
Universal Electronics, Inc. (A)	3,182	154,327
Vuzix Corp. (A)	13,223	242,642
		12,483,474
<b>Internet and direct marketing retail – 0.8%</b>		
1-800-Flowers.com, Inc., Class A (A)	5,957	189,850
CarParts.com, Inc. (A)	10,797	219,827
Groupon, Inc. (A)	5,250	226,590
Lands' End, Inc. (A)	3,318	136,204
Liquidity Services, Inc. (A)	5,988	152,395
Magnite, Inc. (A)	23,539	796,560
Overstock.com, Inc. (A)	9,613	886,319
PetMed Express, Inc.	4,673	148,835
Porch Group, Inc. (A)	3,729	72,119
Quotient Technology, Inc. (A)	20,072	216,978
Revolve Group, Inc. (A)	8,037	553,749
Shutterstock, Inc.	5,222	512,644
Stamps.com, Inc. (A)	3,981	797,354
Stitch Fix, Inc., Class A (A)	13,224	797,407
The RealReal, Inc. (A)	17,749	350,720
		6,057,551
<b>Leisure products – 0.6%</b>		
Acushnet Holdings Corp.	7,586	374,748
American Outdoor Brands, Inc. (A)	3,430	120,530
AMMO, Inc. (A)	15,365	150,423
Callaway Golf Company (A)	25,808	870,504
Clarus Corp.	5,851	150,371
Genius Brands International, Inc. (A)	65,366	120,273
Johnson Outdoors, Inc., Class A	1,209	146,289
Latham Group, Inc. (A)	5,251	167,822
Malibu Boats, Inc., Class A (A)	4,701	344,724
MasterCraft Boat Holdings, Inc. (A)	4,730	124,352
Nautilus, Inc. (A)(B)	6,915	116,518
Smith & Wesson Brands, Inc.	11,832	410,570
Sturm Ruger & Company, Inc.	3,719	334,636
Vista Outdoor, Inc. (A)	12,980	600,714
		4,032,474
<b>Multiline retail – 0.3%</b>		
Big Lots, Inc.	7,777	513,360
Dillard's, Inc., Class A	1,409	254,860
Franchise Group, Inc.	6,559	231,336
Macy's, Inc. (A)	70,165	1,330,328
		2,329,884
<b>Specialty retail – 2.6%</b>		
Abercrombie & Fitch Company, Class A (A)	13,673	634,837
Academy Sports & Outdoors, Inc. (A)	13,883	572,535
American Eagle Outfitters, Inc.	33,819	1,269,227
America's Car-Mart, Inc. (A)	1,421	201,384
Asbury Automotive Group, Inc. (A)	4,333	742,546
At Home Group, Inc. (A)	14,701	541,585
Barnes & Noble Education, Inc. (A)	9,565	68,964

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
Bed Bath & Beyond, Inc. (A)	24,572	\$ 818,002
Big 5 Sporting Goods Corp.	4,887	125,498
Blink Charging Company (A)(B)	8,260	340,064
Boot Barn Holdings, Inc. (A)	6,413	539,013
Caleres, Inc.	8,371	228,445
Camping World Holdings, Inc., Class A	9,582	392,766
Chico's FAS, Inc. (A)	27,511	181,022
Citi Trends, Inc. (A)	2,041	177,567
Conn's, Inc. (A)	4,183	106,667
Designer Brands, Inc., Class A (A)	13,521	223,773
Genesco, Inc. (A)	3,333	212,245
Group 1 Automotive, Inc.	3,944	609,072
GrowGeneration Corp. (A)	12,198	586,724
Guess?, Inc.	9,027	238,313
Haverty Furniture Companies, Inc.	3,986	170,441
Hibbett, Inc. (A)	3,691	330,824
Kirkland's, Inc. (A)	3,481	79,645
Lumber Liquidators Holdings, Inc. (A)	6,685	141,054
MarineMax, Inc. (A)	4,881	237,900
Monro, Inc.	7,516	477,341
Murphy USA, Inc.	5,628	750,606
National Vision Holdings, Inc. (A)	18,351	938,287
OneWater Marine, Inc., Class A	2,544	106,924
Party City Holdco, Inc. (A)	24,992	233,175
Rent-A-Center, Inc.	14,803	785,595
Sally Beauty Holdings, Inc. (A)	25,363	559,761
Shift Technologies, Inc. (A)	14,869	127,576
Shoe Carnival, Inc.	2,026	145,041
Signet Jewelers, Ltd. (A)	11,679	943,546
Sleep Number Corp. (A)	5,341	587,243
Sonic Automotive, Inc., Class A	4,995	223,476
Sportsman's Warehouse Holdings, Inc. (A)	10,036	178,340
The Aaron's Company, Inc.	7,691	246,035
The Buckle, Inc.	6,673	331,982
The Cato Corp., Class A	5,115	86,290
The Children's Place, Inc. (A)	3,156	293,697
The Container Store Group, Inc. (A)	7,549	98,439
The ODP Corp. (A)	10,923	524,413
Tilly's, Inc., Class A	5,797	92,636
TravelCenters of America, Inc. (A)	3,181	93,012
Urban Outfitters, Inc. (A)	15,279	629,800
Winmark Corp.	839	161,155
Zumiez, Inc. (A)	4,940	242,011
		18,626,494
<b>Textiles, apparel and luxury goods – 0.7%</b>		
Crocs, Inc. (A)	14,433	1,681,733
Fossil Group, Inc. (A)	10,919	155,923
G-III Apparel Group, Ltd. (A)	9,967	327,516
Kontoor Brands, Inc.	11,574	652,889
Movado Group, Inc.	3,723	117,163
Oxford Industries, Inc.	3,635	359,283
PLBY Group, Inc. (A)	2,522	98,081
Rocky Brands, Inc.	1,701	94,576
Steven Madden, Ltd.	18,278	799,845
Unifi, Inc. (A)	3,265	79,535
Vera Bradley, Inc. (A)	6,816	84,450
Wolverine World Wide, Inc.	18,196	612,113
		5,063,107
		80,843,471
<b>Consumer staples – 3.0%</b>		
<b>Beverages – 0.3%</b>		
Celsius Holdings, Inc. (A)	10,245	779,542
Coca-Cola Consolidated, Inc.	1,062	427,062
Duckhorn Portfolio, Inc. (A)	4,417	97,439

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Beverages (continued)</b>		
MGP Ingredients, Inc.	3,195	\$ 216,110
National Beverage Corp.	5,302	250,413
NewAge, Inc. (A)	32,864	73,287
Primo Water Corp.	34,723	580,916
		2,424,769
<b>Food and staples retailing – 0.8%</b>		
BJ's Wholesale Club Holdings, Inc. (A)	30,519	1,452,094
Ingles Markets, Inc., Class A	3,658	213,152
Performance Food Group Company (A)	29,525	1,431,667
PriceSmart, Inc.	5,226	475,618
Rite Aid Corp. (A)	12,403	202,169
SpartanNash Company	8,716	168,306
Sprouts Farmers Market, Inc. (A)	27,033	671,770
The Andersons, Inc.	7,339	224,060
The Chefs' Warehouse, Inc. (A)	7,249	230,736
United Natural Foods, Inc. (A)	12,460	460,771
Weis Markets, Inc.	4,289	221,570
		5,751,913
<b>Food products – 1.0%</b>		
AppHarvest, Inc. (A)	10,943	175,088
B&G Foods, Inc. (B)	14,257	467,630
Calavo Growers, Inc.	3,867	245,245
Cal-Maine Foods, Inc.	8,109	293,627
Fresh Del Monte Produce, Inc.	7,682	252,584
Hostess Brands, Inc. (A)	29,342	475,047
J&J Snack Foods Corp.	3,300	575,553
John B. Sanfilippo & Son, Inc.	2,101	186,086
Lancaster Colony Corp.	4,198	812,355
Landec Corp. (A)	7,638	85,928
Limoneira Company	4,742	83,222
Mission Produce, Inc. (A)	8,466	175,331
Sanderson Farms, Inc.	4,544	854,136
Seneca Foods Corp., Class A (A)	1,677	85,661
Tattooed Chef, Inc. (A)	10,537	226,019
The Simply Good Foods Company (A)	19,141	698,838
Tootsie Roll Industries, Inc.	3,555	120,550
TreeHouse Foods, Inc. (A)	11,541	513,805
Utz Brands, Inc.	13,199	287,606
Vital Farms, Inc. (A)	5,788	115,528
Whole Earth Brands, Inc. (A)	9,140	132,530
		6,862,369
<b>Household products – 0.3%</b>		
Central Garden & Pet Company (A)	3,856	204,098
Central Garden & Pet Company, Class A (A)	7,237	349,547
Energizer Holdings, Inc.	15,264	656,047
WD-40 Company	3,054	782,710
		1,992,402
<b>Personal products – 0.5%</b>		
Beauty Health Company (A)	10,649	178,903
BellRing Brands, Inc., Class A (A)	8,975	281,277
Edgewell Personal Care Company	12,140	532,946
elf Beauty, Inc. (A)	10,344	280,736
Inter Parfums, Inc.	4,097	294,984
Medifast, Inc.	2,599	735,465
Nu Skin Enterprises, Inc., Class A	11,157	632,044
The Honest Company, Inc. (A)	6,270	101,511
USANA Health Sciences, Inc. (A)	2,856	292,540
Veru, Inc. (A)	14,697	118,605
		3,449,011
<b>Tobacco – 0.1%</b>		
22nd Century Group, Inc. (A)(B)	34,947	161,805
Turning Point Brands, Inc.	3,392	155,252

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Tobacco (continued)</b>		
Universal Corp.	5,406	\$ 307,980
Vector Group, Ltd.	32,219	455,577
		1,080,614
		21,561,078
<b>Energy – 4.1%</b>		
<b>Energy equipment and services – 0.9%</b>		
Archrock, Inc.	29,448	262,382
Aspen Aerogels, Inc. (A)	5,320	159,174
Cactus, Inc., Class A	12,139	445,744
ChampionX Corp. (A)	45,292	1,161,740
DMC Global, Inc. (A)	4,252	239,005
Dril-Quip, Inc. (A)	7,651	258,833
Frank's International NV (A)	39,231	118,870
FTS International, Inc., Class A (A)	2,125	60,116
Helix Energy Solutions Group, Inc. (A)	32,463	185,364
Helmerich & Payne, Inc.	23,052	752,187
Liberty Oilfield Services, Inc., Class A (A)	19,429	275,115
Nabors Industries, Ltd. (A)	1,603	183,127
National Energy Services Reunited Corp. (A)	6,826	97,271
Newpark Resources, Inc. (A)	22,757	78,739
NexTier Oilfield Solutions, Inc. (A)	39,608	188,534
Oceaneering International, Inc. (A)	22,439	349,375
Oil States International, Inc. (A)	14,787	116,078
Patterson-UTI Energy, Inc.	41,948	416,963
ProPetro Holding Corp. (A)	19,638	179,884
RPC, Inc. (A)	15,573	77,086
Select Energy Services, Inc., Class A (A)	14,691	88,734
Solaris Oilfield Infrastructure, Inc., Class A	8,424	82,050
TETRA Technologies, Inc. (A)	28,514	123,751
Tidewater, Inc. (A)	9,600	115,680
U.S. Silica Holdings, Inc. (A)	16,613	192,046
		6,207,848
<b>Oil, gas and consumable fuels – 3.2%</b>		
Aemetis, Inc. (A)	5,544	61,926
Alto Ingredients, Inc. (A)	16,898	103,247
Antero Resources Corp. (A)	63,958	961,289
Arch Resources, Inc. (A)	3,352	190,997
Berry Corp.	16,212	108,945
Bonanza Creek Energy, Inc.	6,802	320,170
Brigham Minerals, Inc., Class A	10,176	216,647
California Resources Corp. (A)	18,738	564,763
Callon Petroleum Company (A)	8,919	514,537
Centennial Resource Development, Inc., Class A (A)	40,691	275,885
Centrus Energy Corp., Class A (A)	2,443	62,003
Chesapeake Energy Corp.	21,973	1,140,838
Clean Energy Fuels Corp. (A)	31,377	318,477
CNX Resources Corp. (A)	48,372	660,762
Comstock Resources, Inc. (A)	21,102	140,750
CONSOL Energy, Inc. (A)	7,895	145,821
Contango Oil & Gas Company (A)(B)	33,907	146,478
CVR Energy, Inc.	6,645	119,344
Delek US Holdings, Inc.	14,865	321,381
Denbury, Inc. (A)	11,282	866,232
DHT Holdings, Inc.	32,035	207,907
Diamond S Shipping, Inc. (A)	7,841	78,096
Dorian LPG, Ltd. (A)	6,940	97,993
Earthstone Energy, Inc., Class A (A)	6,138	67,948
Energy Fuels, Inc. (A)(B)	32,193	194,768
Equitrans Midstream Corp.	91,765	780,920
Extraction Oil & Gas, Inc. (A)	3,565	195,754
Frontline, Ltd. (B)	26,873	241,857
Gevo, Inc. (A)	43,949	319,509

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Golar LNG, Ltd. (A)	23,188	\$ 307,241
Green Plains, Inc. (A)	9,632	323,828
International Seaways, Inc.	5,739	110,074
Kosmos Energy, Ltd. (A)	91,495	316,573
Laredo Petroleum, Inc. (A)	2,850	264,452
Magnolia Oil & Gas Corp., Class A (A)	31,325	489,610
Matador Resources Company	24,811	893,444
Meta Materials, Inc. (A)	14,348	107,463
Murphy Oil Corp.	32,741	762,210
Nordic American Tankers, Ltd.	36,194	118,716
Northern Oil and Gas, Inc.	10,846	225,271
Oasis Petroleum, Inc.	4,498	452,274
Ovintiv, Inc.	58,589	1,843,796
Par Pacific Holdings, Inc. (A)	10,445	175,685
PBF Energy, Inc., Class A (A)	21,711	332,178
PDC Energy, Inc.	22,272	1,019,835
Peabody Energy Corp. (A)	15,741	124,826
Penn Virginia Corp. (A)	3,720	87,829
Range Resources Corp. (A)	53,434	895,554
Renewable Energy Group, Inc. (A)	10,021	624,709
REX American Resources Corp. (A)	1,296	116,873
Riley Exploration Permian, Inc. (B)	2,085	60,423
Scorpio Tankers, Inc.	11,047	243,586
SFL Corp., Ltd.	24,886	190,378
SM Energy Company	26,077	642,277
Southwestern Energy Company (A)	151,353	858,172
Talos Energy, Inc. (A)	8,521	133,268
Teekay Corp. (A)	18,339	68,221
Teekay Tankers, Ltd., Class A (A)	5,695	82,122
Tellurian, Inc. (A)	71,445	332,219
Uranium Energy Corp. (A)(B)	49,535	131,763
Ur-Energy, Inc. (A)	46,463	65,048
Vine Energy, Inc., Class A (A)	5,016	78,199
W&T Offshore, Inc. (A)	22,279	108,053
Whiting Petroleum Corp. (A)	8,776	478,731
World Fuel Services Corp.	13,970	443,268
		22,933,413
		29,141,261
<b>Financials – 14.1%</b>		
<b>Banks – 7.4%</b>		
1st Source Corp.	3,224	149,787
Allegiance Bancshares, Inc.	4,435	170,481
Altabancorp	4,171	180,646
Amerant Bancorp, Inc. (A)	4,877	104,270
American National Bankshares, Inc.	3,279	101,944
Ameris Bancorp	14,870	752,868
Arrow Financial Corp.	3,605	129,600
Associated Banc-Corp.	32,964	675,103
Atlantic Capital Bancshares, Inc. (A)	4,919	125,238
Atlantic Union Bankshares Corp.	17,347	628,308
Banc of California, Inc.	10,260	179,960
BancFirst Corp.	3,712	231,740
BancorpSouth Bank	22,350	633,176
Bank First Corp.	1,558	108,702
Bank of Marin Bancorp	3,661	116,786
BankUnited, Inc.	20,300	866,607
Banner Corp.	7,580	410,912
Bar Harbor Bankshares	4,123	118,000
Berkshire Hills Bancorp, Inc.	11,378	311,871
Blue Ridge Bankshares, Inc.	5,883	103,070
Boston Private Financial Holdings, Inc.	18,490	272,728
Brookline Bancorp, Inc.	17,621	263,434
Bryn Mawr Bank Corp.	4,411	186,100
Business First Bancshares, Inc.	5,069	116,334
Byline Bancorp, Inc.	5,920	133,970



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Cadence BanCorp	27,551	\$ 575,265
Cambridge Bancorp	1,581	131,207
Camden National Corp.	3,494	166,873
Capital City Bank Group, Inc.	4,183	107,880
Capstar Financial Holdings, Inc.	5,458	111,889
Carter Bankshares, Inc. (A)	7,077	88,533
Cathay General Bancorp	16,484	648,810
CBTX, Inc.	4,238	115,740
Central Pacific Financial Corp.	6,333	165,038
Century Bancorp, Inc., Class A	791	90,174
CIT Group, Inc.	21,962	1,133,020
Citizens & Northern Corp.	4,341	106,355
City Holding Company	3,008	226,322
Civista Bancshares, Inc.	5,029	111,141
CNB Financial Corp.	4,957	113,119
Coastal Financial Corp. (A)	2,697	77,026
Columbia Banking System, Inc.	15,621	602,346
Community Bank System, Inc.	11,523	871,715
Community Trust Bancorp, Inc.	3,551	143,389
ConnectOne Bancorp, Inc.	8,140	213,024
CrossFirst Bankshares, Inc. (A)	11,174	153,643
Customers Bancorp, Inc. (A)	6,549	255,346
CVB Financial Corp.	27,681	569,952
Dime Community Bancshares, Inc.	7,762	260,958
Eagle Bancorp, Inc.	6,613	370,857
Eastern Bankshares, Inc.	37,845	778,472
Enterprise Financial Services Corp.	6,152	285,391
Equity Bancshares, Inc., Class A (A)	3,675	112,051
Farmers National Banc Corp.	7,456	115,643
FB Financial Corp.	7,304	272,585
Financial Institutions, Inc.	4,351	130,530
First Bancorp (North Carolina)	6,219	254,419
First Bancorp (Puerto Rico)	47,596	567,344
First Bank	5,943	80,468
First Busey Corp.	11,081	273,257
First Choice Bancorp	3,049	92,842
First Commonwealth Financial Corp.	20,045	282,033
First Community Bankshares, Inc.	4,426	132,116
First Financial Bancorp	21,207	501,121
First Financial Bankshares, Inc.	28,372	1,393,916
First Financial Corp.	2,931	119,643
First Foundation, Inc.	9,199	207,069
First Internet Bancorp	3,108	96,286
First Interstate BancSystem, Inc., Class A	8,833	369,484
First Merchants Corp.	11,897	495,748
First Mid Bankshares, Inc.	3,971	160,865
First Midwest Bancorp, Inc.	25,019	496,127
Flushing Financial Corp.	6,920	148,296
Fulton Financial Corp.	34,297	541,207
German American Bancorp, Inc.	5,463	203,224
Glacier Bancorp, Inc.	21,089	1,161,582
Great Southern Bancorp, Inc.	2,379	128,228
Great Western Bancorp, Inc.	12,317	403,874
Guaranty Bancshares, Inc.	2,495	85,005
Hancock Whitney Corp.	19,138	850,493
Hanmi Financial Corp.	7,483	142,626
HarborOne Bancorp, Inc.	11,911	170,804
Heartland Financial USA, Inc.	8,184	384,566
Heritage Commerce Corp.	14,319	159,370
Heritage Financial Corp.	7,765	194,280
Hilltop Holdings, Inc.	13,927	506,943
Home BancShares, Inc.	33,368	823,522
HomeTrust Bankshares, Inc.	4,188	116,845
Hope Bancorp, Inc.	26,479	375,472
Horizon Bancorp, Inc.	10,287	179,302

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Howard Bancorp, Inc. (A)	4,316	\$ 69,617
Independent Bank Corp. (Massachusetts)	7,141	539,146
Independent Bank Corp. (Michigan)	5,967	129,544
Independent Bank Group, Inc.	8,257	610,853
International Bancshares Corp.	11,590	497,675
Investors Bancorp, Inc.	49,270	702,590
Lakeland Bancorp, Inc.	10,999	192,263
Lakeland Financial Corp.	5,177	319,110
Live Oak Bancshares, Inc.	7,100	418,900
Macatawa Bank Corp.	11,712	102,480
Mercantile Bank Corp.	4,287	129,467
Metrocity Bankshares, Inc.	4,451	77,937
Metropolitan Bank Holding Corp. (A)	1,899	114,358
Midland States Bancorp, Inc.	5,377	141,254
MidWestOne Financial Group, Inc.	4,140	119,108
MVB Financial Corp.	2,480	105,797
National Bank Holdings Corp., Class A	6,084	229,610
NBT Bancorp, Inc.	9,087	326,859
Nicolet Bankshares, Inc. (A)	1,971	138,640
Northrim BanCorp, Inc.	2,599	111,107
OceanFirst Financial Corp.	13,199	275,067
OFG Bancorp	11,255	248,961
Old National Bancorp	34,999	616,332
Old Second Bancorp, Inc.	8,828	109,467
Origin Bancorp, Inc.	4,942	209,837
Orrstown Financial Services, Inc.	4,601	106,145
Pacific Premier Bancorp, Inc.	20,835	881,112
Park National Corp.	3,076	361,184
Peapack-Gladstone Financial Corp.	4,496	139,691
Peoples Bancorp, Inc.	4,654	137,851
Peoples Financial Services Corp.	2,158	91,931
Preferred Bank	3,062	193,733
Premier Financial Bancorp, Inc.	4,718	79,498
Primis Financial Corp.	8,309	126,795
QCR Holdings, Inc.	3,584	172,355
RBB Bancorp	4,276	103,565
Red River Bancshares, Inc.	1,513	76,422
Reliant Bancorp, Inc.	4,111	113,998
Renasant Corp.	11,957	478,280
Republic Bancorp, Inc., Class A	2,300	106,099
S&T Bancorp, Inc.	8,217	257,192
Sandy Spring Bancorp, Inc.	9,883	436,137
Seacoast Banking Corp. of Florida	11,682	398,940
ServisFirst Bancshares, Inc.	10,997	747,576
Sierra Bancorp	4,501	114,550
Silvergate Capital Corp., Class A (A)	5,137	582,125
Simmons First National Corp., Class A	23,611	692,747
SmartFinancial, Inc.	4,550	109,246
South State Corp.	15,612	1,276,437
Southern First Bancshares, Inc. (A)	2,307	118,026
Southside Bancshares, Inc.	6,368	243,449
Spirit of Texas Bancshares, Inc.	4,618	105,475
Stock Yards Bancorp, Inc.	4,421	224,985
SVB Financial Group (A)	422	169,380
Texas Capital Bancshares, Inc. (A)	11,135	706,961
The Bancorp, Inc. (A)	11,819	271,955
The Bank of NT Butterfield & Son, Ltd.	10,856	384,845
The First Bancorp, Inc.	3,046	89,705
The First Bankshares, Inc.	4,809	180,001
The First of Long Island Corp.	6,279	133,303
Tompkins Financial Corp.	3,050	236,558
Towne Bank	14,275	434,246
TriCo Bankshares	5,719	243,515
TriState Capital Holdings, Inc. (A)	7,056	143,872
Triumph Bancorp, Inc. (A)	5,245	389,441

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Trustmark Corp.	13,718	\$ 422,514
UMB Financial Corp.	9,512	885,187
United Bankshares, Inc.	27,483	1,003,130
United Community Banks, Inc.	19,147	612,895
Univest Financial Corp.	6,797	179,237
Valley National Bancorp	89,441	1,201,193
Veritex Holdings, Inc.	10,525	372,690
Washington Trust Bancorp, Inc.	3,945	202,576
WesBanco, Inc.	14,418	513,713
West Bancorp, Inc.	4,834	134,144
Westamerica Bancorporation	5,498	319,049
		52,515,939
<b>Capital markets – 1.4%</b>		
Artisan Partners Asset Management, Inc., Class A	13,193	670,468
AssetMark Financial Holdings, Inc. (A)	4,239	106,229
B. Riley Financial, Inc.	4,505	340,128
BGC Partners, Inc., Class A	74,588	422,914
Blucora, Inc. (A)	11,249	194,720
BrightSphere Investment Group, Inc.	12,929	302,926
Cohen & Steers, Inc.	5,593	459,129
Cowen, Inc., Class A	5,782	237,351
Diamond Hill Investment Group, Inc.	830	138,867
Donnelley Financial Solutions, Inc. (A)	6,642	219,186
Ellington Financial, Inc.	9,463	181,216
Federated Hermes, Inc.	21,167	717,773
Focus Financial Partners, Inc., Class A (A)	9,972	483,642
GCM Grosvenor, Inc., Class A	8,110	84,506
Hamilton Lane, Inc., Class A	7,693	700,986
Houlihan Lokey, Inc.	11,540	943,857
Moelis & Company, Class A	13,750	782,238
Open Lending Corp., Class A (A)	23,389	1,007,832
Oppenheimer Holdings, Inc., Class A	2,120	107,781
Piper Sandler Companies	3,935	509,819
PJT Partners, Inc., Class A	5,366	383,025
Sculptor Capital Management, Inc.	5,318	130,770
StepStone Group, Inc., Class A	8,543	293,879
StoneX Group, Inc. (A)	3,759	228,059
Virtus Investment Partners, Inc.	1,626	451,654
WisdomTree Investments, Inc.	32,538	201,736
		10,300,691
<b>Consumer finance – 0.8%</b>		
Curo Group Holdings Corp.	5,048	85,816
Encore Capital Group, Inc. (A)	6,832	323,768
Enova International, Inc. (A)	8,081	276,451
EZCORP, Inc., Class A (A)	12,803	77,202
FirstCash, Inc.	9,016	689,183
Green Dot Corp., Class A (A)	11,898	557,421
LendingClub Corp. (A)	21,608	391,753
LendingTree, Inc. (A)	2,606	552,159
Navient Corp.	39,207	757,871
Nelnet, Inc., Class A	3,663	275,567
Oportun Financial Corp. (A)	5,055	101,252
PRA Group, Inc. (A)	10,165	391,048
PROG Holdings, Inc. (A)	15,013	722,576
Regional Management Corp.	2,092	97,362
World Acceptance Corp. (A)	988	158,317
		5,457,746
<b>Diversified financial services – 0.2%</b>		
Alerus Financial Corp.	3,801	110,267
A-Mark Precious Metals, Inc.	2,049	95,279
Banco Latinoamericano de Comercio Exterior SA, Class E	7,338	112,785
Cannae Holdings, Inc. (A)	19,471	660,262

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified financial services (continued)</b>		
E2open Parent Holdings, Inc. (A)	9,510	\$ 108,604
NewStar Financial, Inc. (A)(C)	8,978	912
		1,088,109
<b>Insurance – 1.8%</b>		
Ambac Financial Group, Inc. (A)	10,590	165,839
American Equity Investment Life Holding Company	18,868	609,814
American National Group, Inc.	1,672	248,376
AMERISAFE, Inc.	4,614	275,410
Argo Group International Holdings, Ltd.	7,234	374,938
BRP Group, Inc., Class A (A)	10,564	281,531
Citizens, Inc. (A)(B)	16,230	85,857
CNO Financial Group, Inc.	29,409	694,641
Donegal Group, Inc., Class A	5,882	85,701
eHealth, Inc. (A)	5,492	320,733
Employers Holdings, Inc.	6,408	274,262
Enstar Group, Ltd. (A)	3,000	716,760
Genworth Financial, Inc., Class A (A)	112,833	440,049
Goosehead Insurance, Inc., Class A	4,013	510,855
Greenlight Capital Re, Ltd., Class A (A)	9,270	84,635
HCI Group, Inc. (B)	1,333	132,540
Horace Mann Educators Corp.	9,399	351,711
James River Group Holdings, Ltd.	8,131	305,075
Kinsale Capital Group, Inc.	4,817	793,697
Maiden Holdings, Ltd. (A)	19,028	64,124
MBIA, Inc. (A)	11,709	128,799
MetroMile, Inc. (A)	8,948	81,874
National Western Life Group, Inc., Class A	648	145,405
Palomar Holdings, Inc. (A)	5,553	419,029
ProAssurance Corp.	12,295	279,711
RLI Corp.	8,885	929,282
Safety Insurance Group, Inc.	3,406	266,622
Selective Insurance Group, Inc.	13,155	1,067,528
Selectquote, Inc. (A)	30,127	580,246
SiriusPoint, Ltd. (A)	20,397	205,398
State Auto Financial Corp.	5,171	88,528
Stewart Information Services Corp.	5,886	333,677
Trean Insurance Group, Inc. (A)	4,469	67,393
Trupanion, Inc. (A)	8,602	990,090
United Fire Group, Inc.	4,958	137,485
Universal Insurance Holdings, Inc.	7,386	102,518
Watford Holdings, Ltd. (A)	4,104	143,599
		12,783,732
<b>Mortgage real estate investment trusts – 1.1%</b>		
Apollo Commercial Real Estate Finance, Inc.	31,699	505,599
Arbor Realty Trust, Inc.	28,296	504,235
Ares Commercial Real Estate Corp.	9,060	133,091
ARMOUR Residential REIT, Inc.	14,132	161,387
Blackstone Mortgage Trust, Inc., Class A	30,495	972,486
BrightSpire Capital, Inc.	19,690	185,086
Broadmark Realty Capital, Inc.	28,312	299,824
Capstead Mortgage Corp.	22,671	139,200
Chimera Investment Corp.	50,795	764,973
Dynex Capital, Inc.	7,278	135,807
Granite Point Mortgage Trust, Inc.	12,763	188,254
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	17,136	962,186
Invesco Mortgage Capital, Inc.	55,795	217,601
KKR Real Estate Finance Trust, Inc.	6,703	144,986
Ladder Capital Corp.	25,700	296,578
MFA Financial, Inc.	97,495	447,502
New York Mortgage Trust, Inc.	85,472	382,060
Orchid Island Capital, Inc.	22,672	117,668
PennyMac Mortgage Investment Trust	21,820	459,529

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Mortgage real estate investment trusts (continued)</b>		
Ready Capital Corp.	13,302	\$ 211,103
Redwood Trust, Inc.	25,499	307,773
TPG RE Finance Trust, Inc.	13,635	183,391
Two Harbors Investment Corp.	61,150	462,294
		8,182,613
<b>Thrifts and mortgage finance – 1.4%</b>		
Axos Financial, Inc. (A)	12,393	574,911
Bridgewater Bancshares, Inc. (A)	6,530	105,460
Capitol Federal Financial, Inc.	27,309	321,700
Columbia Financial, Inc. (A)	8,485	146,112
Essent Group, Ltd.	24,648	1,107,928
Federal Agricultural Mortgage Corp., Class C	2,034	201,163
Finance of America Companies, Inc., Class A (A)	8,092	61,742
Flagstar Bancorp, Inc.	10,923	461,715
FS Bancorp, Inc.	1,350	96,215
Home Bancorp, Inc.	2,840	108,232
HomeStreet, Inc.	4,743	193,230
Kearny Financial Corp.	17,135	204,763
Merchants Bancorp	2,216	86,956
Meridian Bancorp, Inc.	10,737	219,679
Meta Financial Group, Inc.	7,169	362,966
Mr. Cooper Group, Inc. (A)	15,899	525,621
NMI Holdings, Inc., Class A (A)	18,894	424,737
Northfield Bancorp, Inc.	11,046	181,154
Northwest Bancshares, Inc.	26,183	357,136
Ocwen Financial Corp. (A)	2,199	68,125
PCSB Financial Corp.	4,896	88,960
PennyMac Financial Services, Inc.	7,812	482,157
Premier Financial Corp.	8,492	241,258
Provident Bancorp, Inc.	5,000	81,550
Provident Financial Services, Inc.	16,404	375,488
Radian Group, Inc.	42,628	948,473
Southern Missouri Bancorp, Inc.	2,313	103,992
The Hingham Institution for Savings	376	109,228
TrustCo Bank Corp.	4,741	162,996
Walker & Dunlop, Inc.	6,509	679,409
Washington Federal, Inc.	15,148	481,403
Waterstone Financial, Inc.	6,810	133,885
WSFS Financial Corp.	10,239	477,035
		10,175,379
		100,504,209
<b>Health care – 20.2%</b>		
<b>Biotechnology – 9.7%</b>		
ACADIA Pharmaceuticals, Inc. (A)	26,957	657,481
Achillion Pharmaceuticals, Inc. (A)(C)	38,157	57,381
Aduro Biotech, Inc. (A)(C)	4,010	12,030
Adverum Biotechnologies, Inc. (A)	21,482	75,187
Aeglea BioTherapeutics, Inc. (A)	10,692	74,416
Affimed NV (A)	26,114	221,969
Agenus, Inc. (A)	44,947	246,759
Agios Pharmaceuticals, Inc. (A)	13,861	763,880
Akebia Therapeutics, Inc. (A)	37,964	143,884
Akero Therapeutics, Inc. (A)	6,063	150,423
Akouos, Inc. (A)(B)	6,054	75,978
Albireo Pharma, Inc. (A)	4,099	144,203
Alder Biopharmaceuticals, Inc. (A)(B)(C)	20,275	29,478
Aldeyra Therapeutics, Inc. (A)	11,406	129,230
Alector, Inc. (A)	13,268	276,372
Aligos Therapeutics, Inc. (A)	4,464	90,999
Alkermes PLC (A)	35,948	881,445
Allakos, Inc. (A)	7,860	671,008
Allogene Therapeutics, Inc. (A)	15,352	400,380

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
AlloVir, Inc. (A)	6,716	\$ 132,574
Altimmune, Inc. (A)	7,590	74,762
ALX Oncology Holdings, Inc. (A)	4,101	224,243
Amicus Therapeutics, Inc. (A)	59,330	571,941
AnaptysBio, Inc. (A)	4,579	118,733
Anavex Life Sciences Corp. (A)	14,167	323,858
Anika Therapeutics, Inc. (A)	3,322	143,809
Annexon, Inc. (A)	7,299	164,300
Apellis Pharmaceuticals, Inc. (A)	14,612	923,478
Applied Molecular Transport, Inc. (A)(B)	5,583	255,366
Applied Therapeutics, Inc. (A)	4,351	90,414
AquaBounty Technologies, Inc. (A)	13,233	70,929
Arbutus Biopharma Corp. (A)(B)	20,299	61,506
Arcturus Therapeutics Holdings, Inc. (A)	4,942	167,237
Arcus Biosciences, Inc. (A)	10,331	283,689
Arcutis Biotherapeutics, Inc. (A)	6,452	176,075
Ardelyx, Inc. (A)	20,173	152,911
Arena Pharmaceuticals, Inc. (A)	13,756	938,159
Arrowhead Pharmaceuticals, Inc. (A)	22,700	1,880,014
Atara Biotherapeutics, Inc. (A)	18,919	294,190
Athenex, Inc. (A)	20,866	96,401
Athersys, Inc. (A)(B)	54,505	78,487
Atossa Therapeutics, Inc. (A)	26,778	169,237
Avid Bioservices, Inc. (A)	13,704	351,508
Avidity Biosciences, Inc. (A)	7,064	174,551
Avita Medical, Inc. (A)	5,827	119,570
AvroBio, Inc. (A)	9,146	81,308
Beam Therapeutics, Inc. (A)(B)	10,548	1,357,633
BeyondSpring, Inc. (A)	6,602	68,925
BioAtla, Inc. (A)	2,910	123,326
BioCryst Pharmaceuticals, Inc. (A)(B)	39,982	632,115
Biohaven Pharmaceutical Holding Company, Ltd. (A)	12,124	1,176,998
BioRxcel Therapeutics, Inc. (A)	3,628	105,430
Black Diamond Therapeutics, Inc. (A)(B)	5,743	70,007
Bluebird Bio, Inc. (A)	15,303	489,390
Blueprint Medicines Corp. (A)	13,125	1,154,475
BridgeBio Pharma, Inc. (A)	24,107	1,469,563
Brooklyn ImmunoTherapeutics, Inc. (A)	5,631	101,414
C4 Therapeutics, Inc. (A)	7,842	296,741
Cardiff Oncology, Inc. (A)	9,099	60,508
CareDx, Inc. (A)	11,243	1,028,959
Catalyst Pharmaceuticals, Inc. (A)	23,128	132,986
Celldex Therapeutics, Inc. (A)	8,883	297,048
CEL-SCI Corp. (A)(B)	8,073	70,074
Cerevel Therapeutics Holdings, Inc. (A)	8,380	214,696
ChemoCentryx, Inc. (A)	12,559	168,165
Chimerix, Inc. (A)	17,115	136,920
Chinook Therapeutics, Inc. (A)	7,524	106,239
Clene, Inc. (A)	5,569	62,596
Clovis Oncology, Inc. (A)(B)	22,842	132,484
Codiak Biosciences, Inc. (A)	3,837	71,100
Cogent Biosciences, Inc. (A)(B)	9,285	75,301
Coherus Biosciences, Inc. (A)	14,699	203,287
Constellation Pharmaceuticals, Inc. (A)	8,345	282,061
Cortexyme, Inc. (A)(B)	4,556	241,468
Crinetics Pharmaceuticals, Inc. (A)	8,821	166,276
Cue Biopharma, Inc. (A)	7,420	86,443
Cullinan Oncology, Inc. (A)	3,180	81,885
Curis, Inc. (A)	19,758	159,447
Cytokinetics, Inc. (A)	15,510	306,943
CytomX Therapeutics, Inc. (A)	15,783	99,906
Deciphera Pharmaceuticals, Inc. (A)	8,975	328,575
Denali Therapeutics, Inc. (A)	20,407	1,600,725
DermTech, Inc. (A)(B)	5,357	222,690

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Design Therapeutics, Inc. (A)	3,288	\$ 65,398
Dicerna Pharmaceuticals, Inc. (A)	15,551	580,363
Dynavax Technologies Corp. (A)	24,319	239,542
Dyne Therapeutics, Inc. (A)	7,057	148,479
Eagle Pharmaceuticals, Inc. (A)	2,875	123,050
Editas Medicine, Inc. (A)	15,372	870,670
Eiger BioPharmaceuticals, Inc. (A)	8,910	75,913
Emergent BioSolutions, Inc. (A)	10,952	689,866
Enanta Pharmaceuticals, Inc. (A)	4,464	196,461
Epizyme, Inc. (A)	21,030	174,759
Esperion Therapeutics, Inc. (A)	6,159	130,263
Evelo Biosciences, Inc. (A)(B)	7,230	99,340
Fate Therapeutics, Inc. (A)	17,974	1,559,963
FibroGen, Inc. (A)	19,437	517,607
Flexion Therapeutics, Inc. (A)	11,961	98,439
Forma Therapeutics Holdings, Inc. (A)	7,497	186,600
Forte Biosciences, Inc. (A)	2,746	92,321
Fortress Biotech, Inc. (A)(B)	18,757	66,962
Frequency Therapeutics, Inc. (A)(B)	7,859	78,276
G1 Therapeutics, Inc. (A)	9,016	197,811
Generation Bio Company (A)	9,998	268,946
Geron Corp. (A)	76,613	108,024
Global Blood Therapeutics, Inc. (A)	13,529	473,786
Gossamer Bio, Inc. (A)	15,330	124,480
Gritstone bio, Inc. (A)	9,552	87,210
GT Biopharma, Inc. (A)	5,699	88,335
Halozyme Therapeutics, Inc. (A)	31,611	1,435,456
Harpoon Therapeutics, Inc. (A)	4,761	66,035
Heron Therapeutics, Inc. (A)	21,235	329,567
Homology Medicines, Inc. (A)	11,201	81,431
Humanigen, Inc. (A)	10,246	178,075
iBio, Inc. (A)(B)	54,281	81,964
Ideaya Biosciences, Inc. (A)	6,599	138,513
IGM Biosciences, Inc. (A)	1,897	157,830
ImmunityBio, Inc. (A)	15,138	216,171
ImmunoGen, Inc. (A)	44,765	295,001
Immunovant, Inc. (A)	8,909	94,168
Infinity Pharmaceuticals, Inc. (A)	22,317	66,728
Inhibrx, Inc. (A)	6,594	181,467
Inovio Pharmaceuticals, Inc. (A)(B)	46,611	432,084
Insmed, Inc. (A)	23,260	661,980
Instil Bio, Inc. (A)	4,153	80,236
Intellia Therapeutics, Inc. (A)	14,320	2,318,551
Intercept Pharmaceuticals, Inc. (A)	6,541	130,624
Invitae Corp. (A)(B)	44,846	1,512,656
Ironwood Pharmaceuticals, Inc. (A)	32,641	420,090
iTeos Therapeutics, Inc. (A)	4,799	123,094
IVERIC bio, Inc. (A)	21,383	134,927
Kadmon Holdings, Inc. (A)	41,003	158,682
KalVista Pharmaceuticals, Inc. (A)	4,708	112,804
Karuna Therapeutics, Inc. (A)	5,022	572,458
Karyopharm Therapeutics, Inc. (A)	16,708	172,427
Keros Therapeutics, Inc. (A)	3,635	154,378
Kiniksa Pharmaceuticals, Ltd., Class A (A)	7,290	101,550
Kinnate Biopharma, Inc. (A)	3,322	77,336
Kodiak Sciences, Inc. (A)	7,540	701,220
Kronos Bio, Inc. (A)(B)	8,934	213,969
Krystal Biotech, Inc. (A)	4,113	279,684
Kura Oncology, Inc. (A)	14,477	301,845
Kymera Therapeutics, Inc. (A)	6,590	319,615
Lexicon Pharmaceuticals, Inc. (A)	16,142	74,092
Ligand Pharmaceuticals, Inc. (A)	3,377	443,029
Lineage Cell Therapeutics, Inc. (A)	31,209	88,946
MacroGenics, Inc. (A)	13,309	357,480
Madrigal Pharmaceuticals, Inc. (A)	2,593	252,584

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Magenta Therapeutics, Inc. (A)	7,820	\$ 76,480
MannKind Corp. (A)(B)	55,988	305,135
MEI Pharma, Inc. (A)	27,787	79,193
MeiraGTx Holdings PLC (A)	7,685	119,118
Mersana Therapeutics, Inc. (A)	16,000	217,280
MiMedx Group, Inc. (A)	25,370	317,379
Molecular Templates, Inc. (A)	9,321	72,890
Morphic Holding, Inc. (A)	4,694	269,389
Myriad Genetics, Inc. (A)	17,271	528,147
Neoleukin Therapeutics, Inc. (A)	8,873	81,898
Nkarta, Inc. (A)	3,358	106,415
Nurix Therapeutics, Inc. (A)	7,210	191,281
Ocugen, Inc. (A)	41,489	333,157
Olema Pharmaceuticals, Inc. (A)	2,957	82,737
Oncocyte Corp. (A)	17,000	97,580
Oncorus, Inc. (A)	5,164	71,263
OPKO Health, Inc. (A)	88,166	357,072
Organogenesis Holdings, Inc. (A)	8,727	145,043
ORIC Pharmaceuticals, Inc. (A)	7,072	125,104
Passage Bio, Inc. (A)	8,785	116,313
PDL BioPharma, Inc. (A)(C)	28,581	48,302
Pfenex, Inc. (A)(C)	9,241	10,131
PMV Pharmaceuticals, Inc. (A)	6,083	207,795
Poseida Therapeutics, Inc. (A)	7,589	76,042
Praxis Precision Medicines, Inc. (A)	5,772	105,512
Precigen, Inc. (A)	21,875	142,625
Precision BioSciences, Inc. (A)	11,089	138,834
Prelude Therapeutics, Inc. (A)	2,612	74,782
Progenics Pharmaceuticals, Inc. (A)(C)	24,422	1,043
Protagonist Therapeutics, Inc. (A)	9,324	418,461
Prothena Corp. PLC (A)	7,730	397,399
PTC Therapeutics, Inc. (A)	15,655	661,737
Puma Biotechnology, Inc. (A)	8,186	75,147
Radius Health, Inc. (A)	10,799	196,974
RAPT Therapeutics, Inc. (A)	4,243	134,885
Recursion Pharmaceuticals, Inc., Class A (A)	4,824	176,076
REGENXBIO, Inc. (A)	8,994	349,417
Relay Therapeutics, Inc. (A)	13,238	484,378
Replimune Group, Inc. (A)	6,143	236,014
REVOLUTION Medicines, Inc. (A)	13,468	427,474
Rhythm Pharmaceuticals, Inc. (A)	10,323	202,124
Rigel Pharmaceuticals, Inc. (A)	40,220	174,555
Rocket Pharmaceuticals, Inc. (A)	9,033	400,072
Rubius Therapeutics, Inc. (A)	10,233	249,788
Sana Biotechnology, Inc. (A)	6,226	122,403
Sangamo Therapeutics, Inc. (A)	26,511	317,337
Scholar Rock Holding Corp. (A)	6,399	184,931
Selecta Biosciences, Inc. (A)	21,386	89,393
Seres Therapeutics, Inc. (A)	15,735	375,280
Sesen Bio, Inc. (A)	39,591	182,910
Shattuck Labs, Inc. (A)	6,142	178,057
Silverback Therapeutics, Inc. (A)	3,048	94,153
Sorrento Therapeutics, Inc. (A)(B)	61,222	593,241
Spectrum Pharmaceuticals, Inc. (A)	36,973	138,649
Spero Therapeutics, Inc. (A)(B)	6,371	88,939
SpringWorks Therapeutics, Inc. (A)	6,611	544,813
SQZ Biotechnologies Company (A)	5,739	82,929
Stemline Therapeutics, Inc. (A)(C)	12,819	4,230
Stoke Therapeutics, Inc. (A)	4,441	149,484
Sutro Biopharma, Inc. (A)	10,069	187,183
Syndax Pharmaceuticals, Inc. (A)	10,358	177,847
Synergy Pharmaceuticals, Inc. (A)(C)	80,513	233
Syros Pharmaceuticals, Inc. (A)	14,453	78,769
Taysha Gene Therapies, Inc. (A)	5,276	111,851

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
TCR2 Therapeutics, Inc. (A)	7,496	\$ 123,009
TG Therapeutics, Inc. (A)	28,747	1,115,096
Tonix Pharmaceuticals Holding Corp. (A)	80,476	89,328
Translate Bio, Inc. (A)	15,170	417,782
Traverse Therapeutics, Inc. (A)	13,493	196,863
Trevena, Inc. (A)(B)	41,971	70,931
Trillium Therapeutics, Inc. (A)	22,276	216,077
Turning Point Therapeutics, Inc. (A)	10,355	807,897
Twist Bioscience Corp. (A)	10,588	1,410,851
UroGen Pharma, Ltd. (A)	5,139	78,473
Vanda Pharmaceuticals, Inc. (A)	12,467	268,165
Vaxart, Inc. (A)	27,064	202,709
Vaxcyte, Inc. (A)	9,278	208,848
VBI Vaccines, Inc. (A)(B)	43,426	145,477
VeracYTE, Inc. (A)	15,217	608,376
Verastem, Inc. (A)	39,946	162,580
Vericel Corp. (A)	10,467	549,518
Viking Therapeutics, Inc. (A)(B)	16,767	100,434
Vir Biotechnology, Inc. (A)	13,493	637,949
Viracta Therapeutics, Inc. (A)	8,718	98,862
VistaGen Therapeutics, Inc. (A)	45,780	144,207
XBiotech, Inc. (A)(B)	3,963	65,627
Xencor, Inc. (A)	12,854	443,334
Y-mAbs Therapeutics, Inc. (A)	8,019	271,042
Zentalis Pharmaceuticals, Inc. (A)	7,507	399,372
ZIOPHARM Oncology, Inc. (A)(B)	48,587	128,270
		69,212,313
<b>Health care equipment and supplies – 3.5%</b>		
Accelerate Diagnostics, Inc. (A)	8,301	66,906
Accuray, Inc. (A)	23,217	104,941
Acutus Medical, Inc. (A)(B)	3,992	67,784
Alphatec Holdings, Inc. (A)	15,674	240,126
AngioDynamics, Inc. (A)	8,481	230,090
Apyx Medical Corp. (A)	8,315	85,728
Asensus Surgical, Inc. (A)	53,438	169,398
Aspira Women's Health, Inc. (A)(B)	17,279	97,108
AtriCure, Inc. (A)	10,045	796,870
Atrion Corp.	327	203,044
Avanos Medical, Inc. (A)	10,752	391,050
Axogen, Inc. (A)	8,848	191,205
Axonics, Inc. (A)	9,356	593,264
BioLife Solutions, Inc. (A)	5,649	251,437
Butterfly Network, Inc. (A)	7,331	106,153
Cardiovascular Systems, Inc. (A)	8,941	381,334
Cerus Corp. (A)	38,835	229,515
ClearPoint Neuro, Inc. (A)	4,599	87,795
CONMED Corp.	6,441	885,187
CryoLife, Inc. (A)	8,608	244,467
CryoPort, Inc. (A)(B)	9,143	576,923
Cutera, Inc. (A)	4,067	199,405
CytoSorbents Corp. (A)	10,859	81,985
DarioHealth Corp. (A)(B)	3,419	73,030
Eargo, Inc. (A)	4,459	177,959
Glaukos Corp. (A)	10,070	854,238
Haemonetics Corp. (A)	11,280	751,699
Heska Corp. (A)	2,143	492,311
Inari Medical, Inc. (A)	7,635	712,193
Inogen, Inc. (A)	4,377	285,249
Integer Holdings Corp. (A)	7,305	688,131
Intersect ENT, Inc. (A)	8,086	138,190
Invacare Corp. (A)	8,564	69,111
iRhythm Technologies, Inc. (A)	6,631	439,967
Lantheus Holdings, Inc. (A)	15,105	417,502
LeMaitre Vascular, Inc.	4,115	251,097
LivaNova PLC (A)	10,964	922,182

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Meridian Bioscience, Inc. (A)	9,702	\$ 215,190
Merit Medical Systems, Inc. (A)	11,503	743,784
Mesa Laboratories, Inc.	1,081	293,135
Misonix, Inc. (A)	3,201	70,998
Natus Medical, Inc. (A)	7,580	196,928
Neogen Corp. (A)	23,906	1,100,632
Neuronetics, Inc. (A)	5,991	95,976
Nevro Corp. (A)	7,719	1,279,733
NuVasive, Inc. (A)	11,513	780,351
OraSure Technologies, Inc. (A)	15,993	162,169
Ortho Clinical Diagnostics Holdings PLC (A)	19,770	423,276
Orthofix Medical, Inc. (A)	4,334	173,837
OrthoPediatrics Corp. (A)	3,172	200,407
Outset Medical, Inc. (A)	10,300	514,794
PAVmed, Inc. (A)	17,355	111,072
Pulmonx Corp. (A)	5,794	255,631
Quotient, Ltd. (A)	19,373	70,518
SeaSpine Holdings Corp. (A)	7,463	153,066
Senseonics Holdings, Inc. (A)	93,468	358,917
Shockwave Medical, Inc. (A)	7,558	1,433,979
SI-BONE, Inc. (A)	7,380	232,249
Sientra, Inc. (A)	13,994	111,392
Silk Road Medical, Inc. (A)	7,702	368,618
STAAR Surgical Company (A)	10,526	1,605,215
Stereotaxis, Inc. (A)	11,987	115,555
Surmodics, Inc. (A)	3,132	169,911
Tactile Systems Technology, Inc. (A)	4,358	226,616
TransMedics Group, Inc. (A)	5,949	197,388
Treace Medical Concepts, Inc. (A)	2,546	79,588
Utah Medical Products, Inc.	1,107	94,139
Vapotherm, Inc. (A)	5,309	125,505
Varex Imaging Corp. (A)	8,713	233,683
ViewRay, Inc. (A)	31,400	207,240
Zynex, Inc. (A)(B)	5,053	78,473
		25,034,539
<b>Health care providers and services – 3.0%</b>		
1Life Healthcare, Inc. (A)	26,191	865,874
Accolade, Inc. (A)	11,323	614,952
AdaptHealth Corp. (A)	17,746	486,418
Addus HomeCare Corp. (A)	3,564	310,923
Agility, Inc. (A)	5,146	112,543
Alignment Healthcare, Inc. (A)	6,050	141,389
AMN Healthcare Services, Inc. (A)	10,514	1,019,648
Apollo Medical Holdings, Inc. (A)	8,157	512,341
Aveanna Healthcare Holdings, Inc. (A)	8,895	110,031
Brookdale Senior Living, Inc. (A)	42,000	331,800
Castle Biosciences, Inc. (A)	4,820	353,451
Community Health Systems, Inc. (A)	27,831	429,711
CorVel Corp. (A)	1,975	265,243
Covetrus, Inc. (A)	23,286	628,722
Cross Country Healthcare, Inc. (A)	8,662	143,010
Fulgent Genetics, Inc. (A)(B)	4,569	421,399
Hanger, Inc. (A)	8,559	216,372
HealthEquity, Inc. (A)	18,282	1,471,335
InfuSystem Holdings, Inc. (A)	4,642	96,507
Innovage Holding Corp. (A)	4,310	91,846
LHC Group, Inc. (A)	6,822	1,366,174
Magellan Health, Inc. (A)	5,261	495,586
MEDNAX, Inc. (A)	17,104	515,686
ModivCare, Inc. (A)	2,808	477,557
National HealthCare Corp.	2,836	198,236
National Research Corp.	3,166	145,319
Ontrak, Inc. (A)(B)	2,148	69,767
Option Care Health, Inc. (A)	25,002	546,794

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
Owens & Minor, Inc.	16,201	\$ 685,788
Patterson Companies, Inc.	19,170	582,576
PetIQ, Inc. (A)	5,992	231,291
Privia Health Group, Inc. (A)	4,472	198,423
Progyny, Inc. (A)	14,194	837,446
R1 RCM, Inc. (A)	29,627	658,904
RadNet, Inc. (A)	10,189	343,267
Select Medical Holdings Corp.	24,723	1,044,794
SOC Telemed, Inc. (A)	10,504	59,768
Surgery Partners, Inc. (A)	7,152	476,466
Tenet Healthcare Corp. (A)	23,742	1,590,477
The Ensign Group, Inc.	11,774	1,020,453
The Joint Corp. (A)	3,110	260,991
The Pennant Group, Inc. (A)	5,920	242,128
Tivity Health, Inc. (A)	10,044	264,258
Triple-S Management Corp. (A)	5,383	119,879
US Physical Therapy, Inc.	2,920	338,340
		21,393,883
<b>Health care technology – 1.3%</b>		
Allscripts Healthcare Solutions, Inc. (A)	31,535	583,713
American Well Corp., Class A (A)	43,684	549,545
Castlight Health, Inc., B Shares (A)	30,953	81,406
Computer Programs & Systems, Inc.	3,540	117,634
Evolent Health, Inc., Class A (A)	17,728	374,415
Health Catalyst, Inc. (A)	10,026	556,543
HealthStream, Inc. (A)	5,866	163,896
ICAD, Inc. (A)	5,478	94,824
Inovalon Holdings, Inc., Class A (A)	16,895	575,782
Inspire Medical Systems, Inc. (A)	6,026	1,164,585
Multiplan Corp. (A)	89,471	851,764
NextGen Healthcare, Inc. (A)	12,709	210,842
Omniceil, Inc. (A)	9,600	1,453,920
OptimizeRx Corp. (A)	3,851	238,377
Phreesia, Inc. (A)	8,636	529,387
Schrodinger, Inc. (A)	10,199	771,146
Simulations Plus, Inc.	3,506	192,514
Tabula Rasa HealthCare, Inc. (A)(B)	5,168	258,400
Vocera Communications, Inc. (A)	7,658	305,171
		9,073,864
<b>Life sciences tools and services – 1.0%</b>		
Berkeley Lights, Inc. (A)	10,782	483,141
Bionano Genomics, Inc. (A)	63,323	464,158
ChromaDex Corp. (A)(B)	11,279	111,211
Codexis, Inc. (A)	13,872	314,340
Fluidigm Corp. (A)(B)	17,384	107,085
Harvard Bioscience, Inc. (A)	10,064	83,833
Inotiv, Inc. (A)	3,177	84,762
Luminex Corp.	10,240	376,832
Medpace Holdings, Inc. (A)	6,476	1,143,856
NanoString Technologies, Inc. (A)	10,204	661,117
NeoGenomics, Inc. (A)	25,452	1,149,667
Pacific Biosciences of California, Inc. (A)	43,541	1,522,629
Personalis, Inc. (A)	8,159	206,423
Quanterix Corp. (A)	7,002	410,737
Seer, Inc. (A)(B)	3,548	116,303
		7,236,094
<b>Pharmaceuticals – 1.7%</b>		
9 Meters Biopharma, Inc. (A)(B)	53,079	58,387
Aclaris Therapeutics, Inc. (A)	9,829	172,597
Aerie Pharmaceuticals, Inc. (A)	9,966	159,556
Amneal Pharmaceuticals, Inc. (A)	22,604	115,732
Amphastar Pharmaceuticals, Inc. (A)	8,538	172,126
Ampio Pharmaceuticals, Inc. (A)	46,000	76,820
ANI Pharmaceuticals, Inc. (A)	2,535	88,852

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
Antares Pharma, Inc. (A)	39,293	\$ 171,317
Arvinas, Inc. (A)	9,801	754,677
Atea Pharmaceuticals, Inc. (A)(B)	14,614	313,909
Athira Pharma, Inc. (A)(B)	7,909	80,988
Axsome Therapeutics, Inc. (A)	6,275	423,312
BioDelivery Sciences International, Inc. (A)	24,954	89,335
Cara Therapeutics, Inc. (A)	10,412	148,579
Cassava Sciences, Inc. (A)(B)	8,568	732,050
Citius Pharmaceuticals, Inc. (A)	27,398	95,345
Collegium Pharmaceutical, Inc. (A)	8,145	192,548
Corcept Therapeutics, Inc. (A)	21,855	480,810
CorMedix, Inc. (A)(B)	9,411	64,559
Cymabay Therapeutics, Inc. (A)	17,787	77,551
Durect Corp. (A)	60,168	98,074
Edgewise Therapeutics, Inc. (A)	2,985	63,670
Elanco Animal Health, Inc. (A)(C)	15,082	0
Endo International PLC (A)	51,484	240,945
Evolus, Inc. (A)(B)	7,505	94,938
Harmony Biosciences Holdings, Inc. (A)	5,218	147,304
Innoviva, Inc. (A)	14,592	195,679
Intra-Cellular Therapies, Inc. (A)	15,879	648,181
Kala Pharmaceuticals, Inc. (A)(B)	12,208	64,702
KemPharm, Inc. (A)	6,864	87,996
Marinus Pharmaceuticals, Inc. (A)(B)	8,613	154,517
Mind Medicine MindMed, Inc. (A)	72,860	251,367
NGM Biopharmaceuticals, Inc. (A)	7,276	143,483
Nuvation Bio, Inc. (A)	8,277	77,059
Ocular Therapeutix, Inc. (A)	17,574	249,199
Omeros Corp. (A)(B)	13,931	206,736
Oramed Pharmaceuticals, Inc. (A)	6,619	88,562
Pacira BioSciences, Inc. (A)	9,803	594,846
Paratek Pharmaceuticals, Inc. (A)	11,876	80,994
Phathom Pharmaceuticals, Inc. (A)	4,746	160,652
Phibro Animal Health Corp., Class A	4,993	144,198
Pliant Therapeutics, Inc. (A)(B)	5,531	161,063
Prestige Consumer Healthcare, Inc. (A)	11,093	577,945
Provention Bio, Inc. (A)(B)	13,613	114,758
Reata Pharmaceuticals, Inc., Class A (A)	6,160	871,825
Relmada Therapeutics, Inc. (A)	3,661	117,189
Revance Therapeutics, Inc. (A)	15,940	472,462
Seelos Therapeutics, Inc. (A)	18,791	49,608
SIGA Technologies, Inc. (A)	12,115	76,082
Supernus Pharmaceuticals, Inc. (A)	11,029	339,583
TherapeuticsMD, Inc. (A)(B)	88,425	105,226
Theravance Biopharma, Inc. (A)	12,376	179,700
WaVe Life Sciences, Ltd. (A)	9,554	63,630
Zogenix, Inc. (A)	12,884	222,636
		11,613,859
		143,564,552
<b>Industrials – 13.5%</b>		
<b>Aerospace and defense – 0.7%</b>		
AAR Corp. (A)	7,538	292,098
Aerojet Rocketdyne Holdings, Inc.	16,555	799,441
AeroVironment, Inc. (A)	5,023	503,053
Astronics Corp. (A)	6,078	106,426
Byrna Technologies, Inc. (A)	2,656	60,344
Ducommun, Inc. (A)	2,588	141,201
Kaman Corp.	6,227	313,841
Kratos Defense & Security Solutions, Inc. (A)	27,482	782,962
Maxar Technologies, Inc.	16,026	639,758
Moog, Inc., Class A	6,392	537,312
National Presto Industries, Inc.	1,222	124,216
PAE, Inc. (A)	16,385	145,827

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Aerospace and defense (continued)</b>		
Park Aerospace Corp.	5,600	\$ 83,440
Parsons Corp. (A)	5,867	230,925
Triumph Group, Inc. (A)	11,577	240,223
Vectrus, Inc. (A)	2,859	136,060
		5,137,127
<b>Air freight and logistics – 0.3%</b>		
Air Transport Services Group, Inc. (A)	13,381	310,841
Atlas Air Worldwide Holdings, Inc. (A)	6,424	437,539
Echo Global Logistics, Inc. (A)	6,030	185,362
Forward Air Corp.	6,132	550,347
Hub Group, Inc., Class A (A)	7,407	488,714
Radiant Logistics, Inc. (A)	11,508	79,750
		2,052,553
<b>Airlines – 0.3%</b>		
Allegiant Travel Company (A)	3,369	653,586
Frontier Group Holdings, Inc. (A)	7,635	130,100
Hawaiian Holdings, Inc. (A)	11,658	284,105
Mesa Air Group, Inc. (A)	8,384	78,223
SkyWest, Inc. (A)	11,100	478,077
Spirit Airlines, Inc. (A)	21,728	661,400
Sun Country Airlines Holdings, Inc. (A)	3,896	144,191
		2,429,682
<b>Building products – 1.1%</b>		
AAON, Inc.	9,356	585,592
American Woodmark Corp. (A)	3,833	313,118
Apogee Enterprises, Inc.	5,782	235,501
Caesarstone, Ltd.	6,340	93,578
Cornerstone Building Brands, Inc. (A)	12,453	226,396
CSW Industrials, Inc.	3,044	360,592
Gibraltar Industries, Inc. (A)	7,327	559,123
Griffon Corp.	10,390	266,296
Insteel Industries, Inc.	4,450	143,068
JELD-WEN Holding, Inc. (A)	19,001	498,966
Masonite International Corp. (A)	5,505	615,404
PGT Innovations, Inc. (A)	13,351	310,144
Quanex Building Products Corp.	7,983	198,298
Resideo Technologies, Inc. (A)	32,351	970,530
Simpson Manufacturing Company, Inc.	9,622	1,062,654
UFP Industries, Inc.	13,383	994,892
View, Inc. (A)	19,690	166,971
		7,601,123
<b>Commercial services and supplies – 1.7%</b>		
ABM Industries, Inc.	15,072	668,443
ACCO Brands Corp.	22,224	191,793
Brady Corp., Class A	10,519	589,485
BrightView Holdings, Inc. (A)	9,411	151,705
Casella Waste Systems, Inc., Class A (A)	10,987	696,905
Cimpres PLC (A)	3,946	427,786
CoreCivic, Inc. (A)	26,815	280,753
Covanta Holding Corp.	26,883	473,410
Deluxe Corp.	9,412	449,611
Ennis, Inc.	6,237	134,220
Harsco Corp. (A)	17,739	362,230
Healthcare Services Group, Inc.	16,979	536,027
Heritage-Crystal Clean, Inc. (A)	4,173	123,855
Herman Miller, Inc.	13,134	619,137
HNI Corp.	9,695	426,289
Interface, Inc.	13,403	205,066
KAR Auction Services, Inc. (A)	27,722	486,521
Kimball International, Inc., Class B	9,622	126,529
Knoll, Inc.	10,652	276,845
Mathews International Corp., Class A	7,026	252,655
Montrose Environmental Group, Inc. (A)	5,193	278,656
Pitney Bowes, Inc.	39,538	346,748

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Commercial services and supplies (continued)</b>		
RR Donnelley & Sons Company (A)	16,543	\$ 103,890
SP Plus Corp. (A)	5,513	168,643
Steelcase, Inc., Class A	19,851	299,949
Tetra Tech, Inc.	12,002	1,464,724
The Brink's Company	10,923	839,323
UniFirst Corp.	3,329	781,117
US Ecology, Inc. (A)	7,253	272,133
Viad Corp. (A)	4,709	234,744
VSE Corp.	2,627	130,063
		12,399,255
<b>Construction and engineering – 1.2%</b>		
Ameresco, Inc., Class A (A)	6,912	433,521
API Group Corp. (A)(D)	40,724	850,724
Arcosa, Inc.	10,789	633,746
Argan, Inc.	3,537	169,033
Comfort Systems USA, Inc.	8,032	632,841
Construction Partners, Inc., Class A (A)	6,672	209,501
Dycom Industries, Inc. (A)	6,714	500,394
EMCOR Group, Inc.	12,021	1,480,867
Fluor Corp. (A)	31,893	564,506
Granite Construction, Inc.	10,231	424,893
Great Lakes Dredge & Dock Corp. (A)	15,224	222,423
IES Holdings, Inc. (A)	2,155	110,681
Infrastructure and Energy Alternatives, Inc. (A)	5,592	71,913
Matrix Service Company (A)	7,471	78,446
MYR Group, Inc. (A)	3,700	336,404
Northwest Pipe Company (A)	3,022	85,372
NV5 Global, Inc. (A)	2,937	277,576
Primoris Services Corp.	12,079	355,485
Sterling Construction Company, Inc. (A)	6,827	164,736
Tutor Perini Corp. (A)	9,399	130,176
WillScot Mobile Mini Holdings Corp. (A)	39,554	1,102,370
		8,835,608
<b>Electrical equipment – 1.0%</b>		
Allied Motion Technologies, Inc.	3,247	112,119
American Superconductor Corp. (A)	6,886	119,748
Array Technologies, Inc. (A)	28,707	447,829
Atkore, Inc. (A)	10,517	746,707
AZZ, Inc.	5,475	283,496
Babcock & Wilcox Enterprises, Inc. (A)	12,924	101,841
Beam Global (A)	2,122	81,294
Bloom Energy Corp., Class A (A)	31,214	838,720
Encore Wire Corp.	4,572	346,512
EnerSys	9,501	928,533
Eos Energy Enterprises, Inc. (A)	4,313	77,461
FuelCell Energy, Inc. (A)	72,509	645,330
GrafTech International, Ltd.	38,109	442,827
Powell Industries, Inc.	2,553	79,015
Romeo Power, Inc. (A)	9,837	80,073
Stem, Inc. (A)	14,018	504,788
Thermon Group Holdings, Inc. (A)	8,113	138,246
TPI Composites, Inc. (A)	8,082	391,330
Vicor Corp. (A)	4,733	500,467
		6,866,336
<b>Industrial conglomerates – 0.1%</b>		
Raven Industries, Inc.	7,982	461,759
<b>Machinery – 3.7%</b>		
AgEagle Aerial Systems, Inc. (A)	15,872	83,645
Alamo Group, Inc.	2,188	334,064
Albany International Corp., Class A	6,838	610,360
Altra Industrial Motion Corp.	14,605	949,617
Astec Industries, Inc.	5,108	321,498
Barnes Group, Inc.	10,540	540,175

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Blue Bird Corp. (A)	3,902	\$ 97,004
Chart Industries, Inc. (A)	8,169	1,195,288
CIRCOR International, Inc. (A)	4,348	141,745
Columbus McKinnon Corp.	6,247	301,355
Commercial Vehicle Group, Inc. (A)	8,180	86,953
Desktop Metal, Inc., Class A (A)	18,889	217,224
Douglas Dynamics, Inc.	5,179	210,734
Energy Recovery, Inc. (A)	9,844	224,246
Enerpac Tool Group Corp.	13,238	352,396
EnPro Industries, Inc.	4,605	447,376
ESCO Technologies, Inc.	5,688	533,591
Evoqua Water Technologies Corp. (A)	25,966	877,131
Federal Signal Corp.	13,353	537,191
Franklin Electric Company, Inc.	10,319	831,918
Helios Technologies, Inc.	7,342	573,043
Hillenbrand, Inc.	16,825	741,646
Hydrofarm Holdings Group, Inc. (A)	2,548	150,612
Hyllion Holdings Corp. (A)	26,595	309,832
Hyster-Yale Materials Handling, Inc.	2,296	167,562
John Bean Technologies Corp.	7,002	998,625
Kadant, Inc.	2,558	450,438
Kennametal, Inc.	18,725	672,602
Lindsay Corp.	2,402	397,003
Luxfer Holdings PLC	6,913	153,814
Lydall, Inc. (A)	4,113	248,919
Meritor, Inc. (A)	15,664	366,851
Miller Industries, Inc.	2,808	110,748
Mueller Industries, Inc.	12,388	536,524
Mueller Water Products, Inc., Class A	35,269	508,579
Navistar International Corp. (A)	11,142	495,819
Nikola Corp. (A)	44,831	809,648
NN, Inc. (A)	12,062	88,656
Omega Flex, Inc.	709	104,017
Proto Labs, Inc. (A)	6,220	570,996
RBC Bearings, Inc. (A)	5,511	1,099,004
REV Group, Inc.	6,669	104,637
Rexnord Corp.	26,648	1,333,466
SPX Corp. (A)	9,823	599,989
SPX FLOW, Inc.	9,450	616,518
Standex International Corp.	2,678	254,169
Tennant Company	4,106	327,864
Terex Corp.	15,115	719,776
The ExOne Company (A)	3,963	85,759
The Gorman-Rupp Company	5,337	183,806
The Greenbrier Companies, Inc.	7,248	315,868
The Manitowoc Company, Inc. (A)	7,823	191,664
The Shyft Group, Inc.	7,818	292,471
Titan International, Inc. (A)	12,077	102,413
TriMas Corp. (A)	9,887	299,873
Trinity Industries, Inc.	19,331	519,811
Wabash National Corp.	11,697	187,152
Watts Water Technologies, Inc., Class A	6,082	887,425
Welbilt, Inc. (A)	29,258	677,323
		26,148,433
<b>Marine – 0.1%</b>		
Costamare, Inc.	11,941	141,023
Eagle Bulk Shipping, Inc. (A)	2,035	96,296
Genco Shipping & Trading, Ltd.	7,391	139,542
Matson, Inc.	9,647	617,408
		994,269
<b>Professional services – 1.5%</b>		
Acacia Research Corp. (A)	12,793	86,481
ASGN, Inc. (A)	11,605	1,124,873
Barrett Business Services, Inc.	1,879	136,434
CBIZ, Inc. (A)	11,003	360,568

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Professional services (continued)</b>		
CRA International, Inc.	1,727	\$ 147,831
Exponent, Inc.	11,563	1,031,535
Forrester Research, Inc. (A)	2,786	127,599
Franklin Covey Company (A)	3,317	107,305
Heidrick & Struggles International, Inc.	4,463	198,827
Huron Consulting Group, Inc. (A)	5,054	248,404
ICF International, Inc.	4,174	366,728
Insperty, Inc.	8,147	736,244
KBR, Inc.	31,553	1,203,747
Kelly Services, Inc., Class A (A)	8,241	197,537
Kforce, Inc.	4,687	294,953
Korn Ferry	11,958	867,553
ManTech International Corp., Class A	6,089	526,942
Rekor Systems, Inc. (A)	7,540	76,606
Resources Connection, Inc.	8,708	125,047
TriNet Group, Inc. (A)	9,025	654,132
TrueBlue, Inc. (A)	8,011	225,189
Upwork, Inc. (A)	26,102	1,521,486
Willdan Group, Inc. (A)	2,864	107,801
		10,473,822
<b>Road and rail – 0.5%</b>		
ArcBest Corp.	5,707	332,090
Avis Budget Group, Inc. (A)	11,434	890,594
Daseke, Inc. (A)	10,459	67,774
Heartland Express, Inc.	11,043	189,167
HyreCar, Inc. (A)	4,289	89,726
Marten Transport, Ltd.	13,755	226,820
Saia, Inc. (A)	5,923	1,240,809
U.S. Xpress Enterprises, Inc., Class A (A)	7,178	61,731
Werner Enterprises, Inc.	13,837	616,023
Yellow Corp. (A)	12,403	80,744
		3,795,478
<b>Trading companies and distributors – 1.2%</b>		
Alta Equipment Group, Inc. (A)	4,998	66,423
Applied Industrial Technologies, Inc.	8,741	795,955
Beacon Roofing Supply, Inc. (A)	12,565	669,086
BlueLinX Holdings, Inc. (A)	2,206	110,918
Boise Cascade Company	8,829	515,172
CAI International, Inc.	3,732	208,992
DXP Enterprises, Inc. (A)	4,446	148,052
GATX Corp.	7,837	693,339
Global Industrial, Inc.	3,097	113,691
GMS, Inc. (A)	9,518	458,197
H&E Equipment Services, Inc.	7,347	244,435
Herc Holdings, Inc. (A)	5,600	627,592
McGrath RentCorp	5,506	449,124
MRC Global, Inc. (A)	18,532	174,201
NOW, Inc. (A)	25,208	239,224
Rush Enterprises, Inc., Class A	8,884	384,144
Rush Enterprises, Inc., Class B	2,200	83,908
Textainer Group Holdings, Ltd. (A)	10,743	362,791
Titan Machinery, Inc. (A)	4,698	145,356
Transcat, Inc. (A)	1,897	107,199
Triton International, Ltd.	14,928	781,332
Veritiv Corp. (A)	3,499	214,909
WESCO International, Inc. (A)	9,920	1,019,974
		8,614,014
<b>Transportation infrastructure – 0.1%</b>		
Macquarie Infrastructure Corp.	16,181	619,247
		96,428,706
<b>Information technology – 13.0%</b>		
<b>Communications equipment – 0.7%</b>		
ADTRAN, Inc.	10,913	225,353



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Communications equipment (continued)</b>		
Aviat Networks, Inc. (A)	2,338	\$ 76,616
CalAmp Corp. (A)	8,593	109,303
Calix, Inc. (A)	12,234	581,115
Cambium Networks Corp. (A)	2,048	99,021
Casa Systems, Inc. (A)	7,648	67,838
Clearfield, Inc. (A)	3,051	114,260
Comtech Telecommunications Corp.	6,020	145,443
Digi International, Inc. (A)	7,892	158,708
DZS, Inc. (A)	4,452	92,379
EchoStar Corp., Class A (A)	9,372	227,646
EMCORE Corp. (A)	8,801	81,145
Extreme Networks, Inc. (A)	27,843	310,728
Harmonic, Inc. (A)	21,044	179,295
Infinera Corp. (A)	39,830	406,266
Inseego Corp. (A)(B)	19,063	192,346
NETGEAR, Inc. (A)	6,640	254,445
NetScout Systems, Inc. (A)	15,726	448,820
Plantronics, Inc. (A)	7,656	319,485
Ribbon Communications, Inc. (A)	16,289	123,959
Viavi Solutions, Inc. (A)	50,836	897,764
		5,111,935
<b>Electronic equipment, instruments and components – 2.2%</b>		
Advanced Energy Industries, Inc.	8,605	969,870
Aeva Technologies, Inc. (A)	5,697	60,217
Akoustis Technologies, Inc. (A)	10,428	111,684
Arlo Technologies, Inc. (A)	19,058	129,023
Badger Meter, Inc.	6,461	633,953
Belden, Inc.	9,877	499,480
Benchmark Electronics, Inc.	7,724	219,825
CTS Corp.	7,105	264,022
Daktronics, Inc. (A)	13,492	88,912
ePlus, Inc. (A)	2,971	257,556
Fabrinet (A)	8,184	784,600
FARO Technologies, Inc. (A)	4,036	313,880
Identiv, Inc. (A)	5,260	89,420
II-VI, Inc. (A)	23,365	1,696,065
Insight Enterprises, Inc. (A)	7,736	773,677
Iteris, Inc. (A)	11,164	74,241
Itron, Inc. (A)	10,087	1,008,498
Kimball Electronics, Inc. (A)	5,761	125,244
Knowles Corp. (A)	19,521	385,345
Luna Innovations, Inc. (A)	8,531	92,391
Methode Electronics, Inc.	8,345	410,657
MicroVision, Inc. (A)	35,506	594,726
Napco Security Technologies, Inc. (A)	3,447	125,367
nLight, Inc. (A)	9,669	350,791
Novanta, Inc. (A)	7,819	1,053,688
OSI Systems, Inc. (A)	3,726	378,711
Ouster, Inc. (A)	6,610	82,559
PAR Technology Corp. (A)(B)	5,338	373,340
PC Connection, Inc.	2,463	113,963
Plexus Corp. (A)	6,183	565,188
Rogers Corp. (A)	4,164	836,131
Sanmina Corp. (A)	14,159	551,635
ScanSource, Inc. (A)	5,739	161,438
TTM Technologies, Inc. (A)	22,858	326,869
Velodyne Lidar, Inc. (A)	16,013	170,378
Vishay Intertechnology, Inc.	29,373	662,361
Vishay Precision Group, Inc. (A)	3,177	108,145
		15,443,850
<b>IT services – 1.5%</b>		
BigCommerce Holdings, Inc., Series 1 (A)	10,538	684,127
BM Technologies, Inc. (A)	1,115	13,871
Brightcove, Inc. (A)	9,813	140,817
Cantaloupe, Inc. (A)	13,611	161,426

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services (continued)</b>		
Cass Information Systems, Inc.	3,523	\$ 143,562
Conduent, Inc. (A)	37,818	283,635
CSG Systems International, Inc.	7,421	350,123
DigitalOcean Holdings, Inc. (A)	2,961	164,602
EVERTEC, Inc.	13,498	589,188
EVO Payments, Inc., Class A (A)	10,573	293,295
ExlService Holdings, Inc. (A)	7,326	778,461
GreenSky, Inc., Class A (A)	17,963	99,695
Grid Dynamics Holdings, Inc. (A)	7,180	107,915
i3 Verticals, Inc., Class A (A)	4,924	148,803
International Money Express, Inc. (A)	8,143	120,924
Limelight Networks, Inc. (A)	30,778	96,951
LiveRamp Holdings, Inc. (A)	14,558	682,042
Marathon Digital Holdings, Inc. (A)	21,421	671,977
MAXIMUS, Inc.	13,568	1,193,577
MoneyGram International, Inc. (A)	17,760	179,021
Paya Holdings, Inc. (A)	18,744	206,559
Perficient, Inc. (A)	7,221	580,713
Rackspace Technology, Inc. (A)	12,110	237,477
Repay Holdings Corp. (A)	17,612	423,392
Sykes Enterprises, Inc. (A)	8,513	457,148
The Hackett Group, Inc.	6,644	119,725
TTEC Holdings, Inc.	4,119	424,628
Tucows, Inc., Class A (A)	2,224	178,632
Unisys Corp. (A)	14,653	370,867
Verra Mobility Corp. (A)	30,358	466,602
		10,369,755
<b>Semiconductors and semiconductor equipment – 2.6%</b>		
Alpha & Omega Semiconductor, Ltd. (A)	4,923	149,610
Ambarella, Inc. (A)	7,790	830,648
Amkor Technology, Inc.	22,711	537,569
Atomera, Inc. (A)(B)	4,756	101,969
Axcelis Technologies, Inc. (A)	7,426	300,159
AXT, Inc. (A)	10,109	110,997
CEVA, Inc. (A)	5,143	243,264
CMC Materials, Inc.	6,519	982,674
Cohu, Inc. (A)	10,735	394,941
Diodes, Inc. (A)	9,645	769,382
DSP Group, Inc. (A)	5,953	88,104
FormFactor, Inc. (A)	17,392	634,112
Ichor Holdings, Ltd. (A)	6,177	332,323
Impinj, Inc. (A)	4,216	217,503
Kopin Corp. (A)(B)	17,663	144,483
Kulicke & Soffa Industries, Inc.	13,665	836,298
Lattice Semiconductor Corp. (A)	30,272	1,700,681
MACOM Technology Solutions Holdings, Inc. (A)	10,876	696,934
MaxLinear, Inc. (A)	15,652	665,053
NeoPhotonics Corp. (A)	11,306	115,434
NVE Corp.	1,321	97,820
Onto Innovation, Inc. (A)	10,894	795,698
PDF Solutions, Inc. (A)	7,292	132,569
Photonics, Inc. (A)	13,530	178,731
Power Integrations, Inc.	13,369	1,097,060
Rambus, Inc. (A)	25,087	594,813
Semtech Corp. (A)	14,360	987,968
Silicon Laboratories, Inc. (A)	9,861	1,511,198
SiTime Corp. (A)	2,884	365,086
SMART Global Holdings, Inc. (A)	3,187	151,956
SunPower Corp. (A)(B)	17,888	522,687
Synaptics, Inc. (A)	7,869	1,224,259
Ultra Clean Holdings, Inc. (A)	9,706	521,406
Veeco Instruments, Inc. (A)	11,142	267,854
		18,301,243

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software – 5.7%</b>		
8x8, Inc. (A)	23,889	\$ 663,159
A10 Networks, Inc. (A)	13,793	155,309
ACI Worldwide, Inc. (A)	26,288	976,336
Agilysys, Inc. (A)	4,363	248,124
Alarm.com Holdings, Inc. (A)	10,590	896,973
Alkami Technology, Inc. (A)	1,619	57,750
Altair Engineering, Inc., Class A (A)	10,254	707,218
American Software, Inc., Class A	7,797	171,222
Appfolio, Inc., Class A (A)	4,218	595,582
Appian Corp. (A)(B)	8,815	1,214,266
Asana, Inc., Class A (A)	16,554	1,026,845
Avaya Holdings Corp. (A)	18,524	498,296
Benefitfocus, Inc. (A)	6,133	86,475
Blackbaud, Inc. (A)	10,802	827,109
Blackline, Inc. (A)	12,001	1,335,351
Bottomline Technologies DE, Inc. (A)	10,054	372,802
Box, Inc., Class A (A)	32,881	840,110
BTRS Holdings, Inc. (A)	10,859	137,041
Cerence, Inc. (A)	8,484	905,328
ChannelAdvisor Corp. (A)	6,755	165,565
Cleantalk, Inc. (A)	7,550	125,632
Cloudera, Inc. (A)	51,856	822,436
CommVault Systems, Inc. (A)	9,476	740,739
Cornerstone OnDemand, Inc. (A)	14,091	726,814
Digimarc Corp. (A)(B)	3,136	105,056
Digital Turbine, Inc. (A)	18,910	1,437,727
Domo, Inc., Class B (A)	6,193	500,580
Ebix, Inc.	6,032	204,485
Envestnet, Inc. (A)	12,147	921,471
Ideanomics, Inc. (A)	91,681	260,374
InterDigital, Inc.	6,940	506,828
j2 Global, Inc. (A)	9,657	1,328,320
JFrog, Ltd. (A)(B)	11,604	528,214
LivePerson, Inc. (A)	14,356	907,873
MicroStrategy, Inc., Class A (A)(B)	1,755	1,166,198
Mimecast, Ltd. (A)	13,361	708,801
Mitek Systems, Inc. (A)	9,759	187,958
Model N, Inc. (A)	7,840	268,677
Momentive Global, Inc. (A)	28,808	606,985
ON24, Inc. (A)	2,145	76,105
OneSpan, Inc. (A)	8,126	207,538
PagerDuty, Inc. (A)	18,145	772,614
Ping Identity Holding Corp. (A)	9,869	226,000
Progress Software Corp.	9,835	454,869
PROS Holdings, Inc. (A)	9,071	413,365
Q2 Holdings, Inc. (A)	12,233	1,254,861
QAD, Inc., Class A	2,766	240,697
Qualys, Inc. (A)	7,617	766,956
Rapid7, Inc. (A)	12,308	1,164,706
Rimini Street, Inc. (A)	10,896	67,119
Riot Blockchain, Inc. (A)	18,918	712,641
Sailpoint Technologies Holdings, Inc. (A)	20,286	1,036,006
Sapiens International Corp. NV	7,043	185,020
ShotSpotter, Inc. (A)	2,147	104,709
Smith Micro Software, Inc. (A)	12,716	66,378
Sprout Social, Inc., Class A (A)	9,928	887,762
SPS Commerce, Inc. (A)	8,040	802,794
Sumo Logic, Inc. (A)(B)	18,402	380,001
Telos Corp. (A)	3,935	133,829
Tenable Holdings, Inc. (A)	20,410	843,954
Upland Software, Inc. (A)	6,587	271,187
Varonis Systems, Inc. (A)	23,714	1,366,401
Verint Systems, Inc. (A)	14,275	643,374
Veritone, Inc. (A)	6,612	130,323
Viant Technology, Inc., Class A (A)	2,686	79,989

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
VirnetX Holding Corp. (A)(B)	16,654	\$ 71,113
Vonage Holdings Corp. (A)	54,243	781,642
Workiva, Inc. (A)	9,422	1,048,951
Xperi Holding Corp.	23,689	526,843
Yext, Inc. (A)	25,095	358,608
Zix Corp. (A)	14,037	98,961
Zuora, Inc., Class A (A)	23,648	407,928
		40,519,273
<b>Technology hardware, storage and peripherals – 0.3%</b>		
3D Systems Corp. (A)	27,149	1,085,146
Avid Technology, Inc. (A)	8,132	318,368
Corsair Gaming, Inc. (A)(B)	5,978	199,008
Diebold Nixdorf, Inc. (A)	16,369	210,178
Eastman Kodak Company (A)	10,835	90,147
Quantum Corp. (A)	13,934	96,005
Super Micro Computer, Inc. (A)	9,603	337,834
Turtle Beach Corp. (A)	3,519	112,326
		2,449,012
		92,195,068
<b>Materials – 3.6%</b>		
<b>Chemicals – 1.8%</b>		
AdvanSix, Inc. (A)	6,204	185,251
American Vanguard Corp.	7,492	131,185
Amyris, Inc. (A)(B)	37,529	614,350
Avient Corp.	20,287	997,309
Balchem Corp.	7,129	935,753
Cabot Corp.	12,619	718,400
Chase Corp.	1,705	174,950
Danimer Scientific, Inc. (A)	15,435	386,647
Ferro Corp. (A)	18,286	394,429
GCP Applied Technologies, Inc. (A)	11,128	258,837
Hawkins, Inc.	4,775	156,381
HB Fuller Company	11,479	730,179
Ingevity Corp. (A)	8,981	730,694
Innospec, Inc.	5,420	491,106
Intrepid Potash, Inc. (A)	2,483	79,108
Koppers Holdings, Inc. (A)	5,054	163,497
Kraton Corp. (A)	7,050	227,645
Kronos Worldwide, Inc.	5,345	76,540
Livent Corp. (A)	33,029	639,441
Minerals Technologies, Inc.	7,331	576,730
Orion Engineered Carbons SA (A)	13,616	258,568
PQ Group Holdings, Inc.	11,667	179,205
PureCycle Technologies, Inc. (A)(B)	7,598	179,693
Quaker Chemical Corp.	3,013	714,653
Rayonier Advanced Materials, Inc. (A)	14,810	99,079
Sensient Technologies Corp.	9,340	808,470
Stepan Company	4,649	559,135
Tredegar Corp.	6,598	90,854
Trinseo SA	8,597	514,444
Tronox Holdings PLC, Class A	25,559	572,522
Zymergen, Inc. (A)	4,250	170,043
		12,815,098
<b>Construction materials – 0.2%</b>		
Forterra, Inc. (A)	6,540	153,755
Summit Materials, Inc., Class A (A)	26,266	915,370
U.S. Concrete, Inc. (A)	3,675	271,215
		1,340,340
<b>Containers and packaging – 0.2%</b>		
Greif, Inc., Class A	5,318	322,005
Greif, Inc., Class B	1,724	101,716
Myers Industries, Inc.	8,451	177,471
O-I Glass, Inc. (A)	34,980	571,223

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Containers and packaging (continued)</b>		
Pactiv Evergreen, Inc.	9,538	\$ 143,738
Ranpak Holdings Corp. (A)	8,060	201,742
UFP Technologies, Inc. (A)	2,062	118,400
		1,636,295
<b>Metals and mining – 1.2%</b>		
1911 Gold Corp. (A)	5,045	1,630
Allegheny Technologies, Inc. (A)	28,354	591,181
Arconic Corp. (A)	24,628	877,249
Carpenter Technology Corp.	10,678	429,469
Century Aluminum Company (A)	11,633	149,949
Coeur Mining, Inc. (A)	55,288	490,957
Commercial Metals Company	26,518	814,633
Compass Minerals International, Inc.	7,482	443,383
Constellium SE (A)	27,279	516,937
Gatos Silver, Inc. (A)	8,389	146,724
Haynes International, Inc.	3,121	110,421
Hecla Mining Company	119,749	890,933
Kaiser Aluminum Corp.	3,555	439,007
Materion Corp.	4,519	340,507
MP Materials Corp. (A)	16,264	599,491
Novagold Resources, Inc. (A)	54,880	439,589
Olympic Steel, Inc.	2,343	68,861
Ryerson Holding Corp. (A)	3,961	57,831
Schnitzer Steel Industries, Inc., Class A	5,865	287,678
SunCoke Energy, Inc.	19,751	141,022
TimkenSteel Corp. (A)	10,322	146,056
Warrior Met Coal, Inc.	11,428	196,562
Worthington Industries, Inc.	7,581	463,806
		8,643,876
<b>Paper and forest products – 0.2%</b>		
Clearwater Paper Corp. (A)	3,933	113,939
Domtar Corp. (A)	11,092	609,616
Glatfelter Corp.	10,222	142,801
Neenah, Inc.	3,880	194,660
Schweitzer-Mauduit International, Inc.	7,056	284,921
Verso Corp., Class A	7,107	125,794
		1,471,731
		25,907,340
<b>Real estate – 6.5%</b>		
<b>Equity real estate investment trusts – 5.8%</b>		
Acadia Realty Trust	19,049	418,316
Agree Realty Corp.	14,539	1,024,854
Alexander & Baldwin, Inc.	16,140	295,685
Alexander's, Inc.	525	140,674
American Assets Trust, Inc.	11,168	416,455
American Finance Trust, Inc.	25,066	212,560
Apartment Investment and Management Company, Class A	33,111	222,175
Apple Hospitality REIT, Inc.	46,477	709,239
Armada Hoffer Properties, Inc.	14,110	187,522
Ashford Hospitality Trust, Inc. (A)	25,530	116,417
Braemar Hotels & Resorts, Inc. (A)	11,918	74,011
Brandywine Realty Trust	37,322	511,685
Broadstone Net Lease, Inc.	31,388	734,793
CareTrust REIT, Inc.	21,833	507,181
CatchMark Timber Trust, Inc., Class A	12,533	146,636
Centerspace	3,002	236,858
Chatham Lodging Trust (A)	11,277	145,135
City Office REIT, Inc.	11,200	139,216
Columbia Property Trust, Inc.	25,477	443,045
Community Healthcare Trust, Inc.	5,362	254,481
CorePoint Lodging, Inc. (A)	9,761	104,443
Corporate Office Properties Trust	24,654	690,065
CTO Realty Growth, Inc.	1,874	100,296

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
DiamondRock Hospitality Company (A)	46,978	\$ 455,687
DigitalBridge Group, Inc. (A)	107,628	850,261
Diversified Healthcare Trust	54,192	226,523
Easterly Government Properties, Inc.	18,768	395,629
EastGroup Properties, Inc.	8,649	1,422,328
Empire State Realty Trust, Inc., Class A	31,502	378,024
Equity Commonwealth	24,479	641,350
Essential Properties Realty Trust, Inc.	26,237	709,448
Farmland Partners, Inc.	7,176	86,471
Four Corners Property Trust, Inc.	17,000	469,370
Franklin Street Properties Corp.	26,200	137,812
Getty Realty Corp.	8,586	267,454
Gladstone Commercial Corp.	8,759	197,603
Gladstone Land Corp.	6,106	146,910
Global Medical REIT, Inc.	13,418	198,050
Global Net Lease, Inc.	21,301	394,069
Healthcare Realty Trust, Inc.	30,956	934,871
Hersha Hospitality Trust (A)	8,052	86,640
Independence Realty Trust, Inc.	21,988	400,841
Indus Realty Trust, Inc.	1,261	82,785
Industrial Logistics Properties Trust	14,302	373,854
Innovative Industrial Properties, Inc.	5,308	1,013,934
iStar, Inc.	15,772	326,954
Kite Realty Group Trust	18,447	406,018
Lexington Realty Trust	58,952	704,476
LTC Properties, Inc.	8,691	333,647
Mack-Cali Realty Corp.	19,789	339,381
Monmouth Real Estate Investment Corp.	21,034	393,756
National Health Investors, Inc.	9,625	645,356
National Storage Affiliates Trust	15,610	789,242
NETSTREIT Corp.	9,021	208,024
New Senior Investment Group, Inc.	19,975	175,381
NexPoint Residential Trust, Inc.	4,898	269,292
Office Properties Income Trust	11,273	330,412
One Liberty Properties, Inc.	4,657	132,212
Outfront Media, Inc. (A)	32,346	777,274
Paramount Group, Inc.	41,253	415,418
Pebblebrook Hotel Trust	29,087	684,999
Physicians Realty Trust	46,877	865,818
Piedmont Office Realty Trust, Inc., Class A	27,499	507,907
Plymouth Industrial REIT, Inc.	7,285	145,846
Postal Realty Trust, Inc., Class A	4,212	76,827
PotlatchDeltic Corp.	14,785	785,823
Preferred Apartment Communities, Inc., Class A	12,475	121,631
PS Business Parks, Inc.	4,333	641,631
QTS Realty Trust, Inc., Class A	15,145	1,170,709
Retail Opportunity Investments Corp.	26,039	459,849
Retail Properties of America, Inc., Class A	47,889	548,329
Retail Value, Inc.	4,644	101,007
RLJ Lodging Trust	36,689	558,773
RPT Realty	18,241	236,768
Ryman Hospitality Properties, Inc. (A)	12,016	948,783
Sabra Health Care REIT, Inc.	48,000	873,600
Safehold, Inc.	3,990	313,215
Saul Centers, Inc.	2,830	128,624
Seritage Growth Properties, Class A (A)	8,315	152,996
Service Properties Trust	37,015	466,389
SITE Centers Corp.	38,212	575,473
STAG Industrial, Inc.	35,482	1,328,091
Summit Hotel Properties, Inc. (A)	23,585	220,048
Sunstone Hotel Investors, Inc. (A)	47,681	592,198
Tanger Factory Outlet Centers, Inc.	22,068	415,982
Terreno Realty Corp.	14,940	963,929

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
The GEO Group, Inc.	26,688	\$ 190,019
The Macerich Company	44,060	804,095
UMH Properties, Inc.	9,411	205,348
Uniti Group, Inc.	43,882	464,710
Universal Health Realty Income Trust	3,196	196,714
Urban Edge Properties	25,970	496,027
Urstadt Biddle Properties, Inc., Class A	7,346	142,365
Washington Real Estate Investment Trust	18,617	428,191
Whitestone REIT	10,937	90,230
Xenia Hotels & Resorts, Inc. (A)	25,613	479,731
		41,331,174
<b>Real estate management and development – 0.7%</b>		
Cushman & Wakefield PLC (A)	26,323	459,863
eXp World Holdings, Inc. (A)	14,014	543,323
Forestar Group, Inc. (A)	4,341	90,770
FRP Holdings, Inc. (A)	1,773	98,721
Kennedy-Wilson Holdings, Inc.	26,574	528,025
Marcus & Millichap, Inc. (A)	5,270	204,845
Newmark Group, Inc., Class A	33,563	403,092
Rafael Holdings, Inc., Class B (A)	2,328	118,844
RE/MAX Holdings, Inc., Class A	4,356	145,185
Realogy Holdings Corp. (A)	25,502	464,646
Redfin Corp. (A)	22,791	1,445,177
Tejon Ranch Company (A)	5,924	90,104
The RMR Group, Inc., Class A	3,938	152,164
The St. Joe Company	7,583	338,278
		5,083,037
		46,414,211
<b>Utilities – 2.3%</b>		
<b>Electric utilities – 0.5%</b>		
ALLETE, Inc.	11,496	804,490
MGE Energy, Inc.	8,278	616,214
Otter Tail Corp.	9,389	458,277
PNM Resources, Inc.	18,816	917,656
Portland General Electric Company	19,789	911,877
		3,708,514
<b>Gas utilities – 0.8%</b>		
Brookfield Infrastructure Corp., Class A	8,206	618,732
Chesapeake Utilities Corp.	3,894	468,565
New Jersey Resources Corp.	21,539	852,298
Northwest Natural Holding Company	7,041	369,793
ONE Gas, Inc.	11,637	862,534
South Jersey Industries, Inc.	23,018	596,857
Southwest Gas Holdings, Inc.	12,520	828,699
Spire, Inc.	11,198	809,279
		5,406,757
<b>Independent power and renewable electricity producers – 0.3%</b>		
Clearway Energy, Inc., Class A	9,239	233,008
Clearway Energy, Inc., Class C	17,284	457,680
Ormat Technologies, Inc.	10,038	697,942
Sunnova Energy International, Inc. (A)	19,318	727,516
		2,116,146
<b>Multi-utilities – 0.3%</b>		
Avista Corp.	15,468	660,020
Black Hills Corp.	13,866	910,026
NorthWestern Corp.	11,260	678,077
Unitil Corp.	3,475	184,071
		2,432,194
<b>Water utilities – 0.4%</b>		
American States Water Company	8,056	640,935

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Water utilities (continued)</b>		
Artesian Resources Corp., Class A	3,341	\$ 122,849
Cadiz, Inc. (A)	5,644	76,758
California Water Service Group	11,386	632,378
Middlesex Water Company	3,877	316,867
Pure Cycle Corp. (A)	6,277	86,748
SJW Group	6,372	403,348
The York Water Company	3,472	157,282
		2,437,165
		16,100,776
<b>TOTAL COMMON STOCKS (Cost \$459,598,278)</b>		<b>\$ 677,190,798</b>
<b>RIGHTS – 0.0%</b>		
Pan American Silver Corp. (Expiration Date: 2-22-29) (A)(E)	88,114	74,897
<b>TOTAL RIGHTS (Cost \$26,845)</b>		<b>\$ 74,897</b>
<b>WARRANTS – 0.0%</b>		
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)	668	6,680
<b>TOTAL WARRANTS (Cost \$0)</b>		<b>\$ 6,680</b>
<b>SHORT-TERM INVESTMENTS – 5.4%</b>		
<b>U.S. Government Agency – 3.2%</b>		
Federal Home Loan Bank Discount Note 0.020%, 07/16/2021 *	\$ 13,000,000	12,999,838
0.035%, 08/25/2021 *	3,000,000	2,999,817
0.040%, 07/19/2021 *	7,000,000	6,999,895
		22,999,550
<b>Short-term funds – 0.8%</b>		
John Hancock Collateral Trust, 0.0324% (F)(G)	569,583	5,698,446
<b>Repurchase agreement – 1.4%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$9,600,000 on 7-1-21, collateralized by \$10,117,900 U.S. Treasury Notes, 0.500% due 5-31-27 (valued at \$9,792,031)	\$ 9,600,000	9,600,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$38,298,272)</b>		<b>\$ 38,297,996</b>
<b>Total Investments (Small Cap Index Trust) (Cost \$497,923,395) – 100.5%</b>		<b>\$ 715,570,371</b>
<b>Other assets and liabilities, net – (0.5%)</b>		<b>(3,382,037)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 712,188,334</b>

### Security Abbreviations and Legend

- (A) Non-income producing security.  
(B) All or a portion of this security is on loan as of 6-30-21.  
(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 6-30-21.  
(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 — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

### DERIVATIVES

#### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Russell 2000 E-Mini Index Futures	311	Long	Sep 2021	\$35,881,066	\$35,886,290	\$5,224
						<b>\$5,224</b>

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

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

## Small Cap Opportunities Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 99.4%</b>		
<b>Communication services – 2.1%</b>		
<b>Diversified telecommunication services – 0.2%</b>		
ATN International, Inc.	1,281	\$ 58,273
Cincinnati Bell, Inc. (A)	1,172	18,072
Consolidated Communications Holdings, Inc. (A)	4,985	43,818
Iridium Communications, Inc. (A)	2,117	84,659
Liberty Latin America, Ltd., Class A (A)	4,204	58,267
Liberty Latin America, Ltd., Class C (A)	11,346	159,979
		<u>423,068</u>
<b>Entertainment – 0.6%</b>		
Ballantyne Strong, Inc. (A)	1,114	5,336
Liberty Media Corp.-Liberty Formula One, Series A (A)	2,022	86,198
Liberty Media Corp.-Liberty Formula One, Series C (A)	11,028	531,660
Lions Gate Entertainment Corp., Class A (A)	5,809	120,246
Lions Gate Entertainment Corp., Class B (A)	8,534	156,172
Madison Square Garden Entertainment Corp. (A)	1,034	86,825
Reading International, Inc., Class A (A)	1,100	7,667
The Marcus Corp. (A)(B)	2,916	61,848
		<u>1,055,952</u>
<b>Interactive media and services – 0.1%</b>		
Cars.com, Inc. (A)	5,579	79,947
DHI Group, Inc. (A)	5,212	17,617
QuinStreet, Inc. (A)	1,887	35,060
Yelp, Inc. (A)	1,685	67,333
		<u>199,957</u>
<b>Media – 1.0%</b>		
AMC Networks, Inc., Class A (A)	1,328	88,710
Audacy, Inc. (A)	6,702	28,886
Beasley Broadcast Group, Inc., Class A (A)	502	1,451
Boston Omaha Corp., Class A (A)	1,631	51,719
comScore, Inc. (A)	2,845	14,225
DallasNews Corp.	1,059	7,879
Entravision Communications Corp., Class A	5,075	33,901
Fluent, Inc. (A)	5,600	16,408
Gannett Company, Inc. (A)	7,195	39,501
Gray Television, Inc.	6,546	153,176
Hemisphere Media Group, Inc. (A)	951	11,222
John Wiley & Sons, Inc., Class A	1,937	116,569
Meredith Corp. (A)	2,602	113,031
Nexstar Media Group, Inc., Class A	1,859	274,909
Scholastic Corp.	1,876	71,082

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Media (continued)</b>		
TEGNA, Inc.	8,149	\$ 152,875
The EW Scripps Company, Class A	5,843	119,139
The Interpublic Group of Companies, Inc.	9,493	308,428
		<u>1,603,111</u>
<b>Wireless telecommunication services – 0.2%</b>		
Spok Holdings, Inc.	3,863	37,162
Telephone & Data Systems, Inc.	7,131	161,588
United States Cellular Corp. (A)	2,570	93,317
		<u>292,067</u>
		<u>3,574,155</u>
<b>Consumer discretionary – 14.0%</b>		
<b>Auto components – 2.5%</b>		
Adient PLC (A)	3,399	153,635
American Axle & Manufacturing Holdings, Inc. (A)	6,125	63,394
Autoliv, Inc.	3,921	383,317
BorgWarner, Inc.	10,789	523,698
Cooper-Standard Holdings, Inc. (A)	1,311	38,019
Dana, Inc.	8,889	211,203
Dorman Products, Inc. (A)	4,802	497,823
Fox Factory Holding Corp. (A)	9,005	1,401,696
Gentherm, Inc. (A)	420	29,841
Horizon Global Corp. (A)	878	7,445
LCI Industries	237	31,147
Lear Corp.	1,655	290,088
Modine Manufacturing Company (A)	4,925	81,706
Motorcar Parts of America, Inc. (A)	1,585	35,567
Patrick Industries, Inc.	647	47,231
Standard Motor Products, Inc.	1,901	82,408
Stoneridge, Inc. (A)	1,672	49,324
Strattec Security Corp. (A)	924	41,081
The Goodyear Tire & Rubber Company (A)	17,683	303,263
		<u>4,271,886</u>
<b>Automobiles – 0.2%</b>		
Harley-Davidson, Inc.	2,302	105,478
Thor Industries, Inc.	1,162	131,306
Winnebago Industries, Inc.	1,123	76,319
		<u>313,103</u>
<b>Distributors – 0.0%</b>		
Core-Mark Holding Company, Inc.	1,227	55,227
Weyco Group, Inc.	1,316	29,439
		<u>84,666</u>
<b>Diversified consumer services – 1.0%</b>		
Adtalem Global Education, Inc. (A)	3,782	134,790
American Public Education, Inc. (A)	1,450	41,093
Carriage Services, Inc.	1,797	66,435

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified consumer services (continued)</b>		
Graham Holdings Company, Class B	347	\$ 219,963
Grand Canyon Education, Inc. (A)	8,923	802,802
Houghton Mifflin Harcourt Company (A)	5,833	64,396
Laureate Education, Inc., Class A (A)	3,940	57,169
Lincoln Educational Services Corp. (A)	1,100	8,558
OneSpaWorld Holdings, Ltd. (A)	3,242	31,415
Perdoceo Education Corp. (A)	5,378	65,988
Stride, Inc. (A)	2,888	92,791
Universal Technical Institute, Inc. (A)	3,087	20,035
Zovio, Inc. (A)	3,463	8,969
		1,614,404
<b>Hotels, restaurants and leisure – 1.2%</b>		
Ark Restaurants Corp. (A)	64	1,264
Biglari Holdings, Inc., Class A (A)	3	2,337
Biglari Holdings, Inc., Class B (A)	102	16,266
Bluegreen Vacations Holding Corp. (A)	348	6,264
Carrols Restaurant Group, Inc. (A)	1,688	10,145
Churchill Downs, Inc.	3,372	668,533
Chuy's Holdings, Inc. (A)	19,971	744,119
Del Taco Restaurants, Inc.	2,438	24,404
Dover Motorsports, Inc.	400	900
El Pollo Loco Holdings, Inc. (A)	2,613	47,792
Fiesta Restaurant Group, Inc. (A)	1,348	18,104
International Game Technology PLC (A)	5,109	122,412
Marriott Vacations Worldwide Corp. (A)	909	144,804
Monarch Casino & Resort, Inc. (A)	1,074	71,067
Playa Hotels & Resorts NV (A)	2,743	20,380
RCI Hospitality Holdings, Inc.	396	26,215
Red Robin Gourmet Burgers, Inc. (A)	731	24,203
		1,949,209
<b>Household durables – 2.2%</b>		
Bassett Furniture Industries, Inc.	1,234	30,048
Beazer Homes USA, Inc. (A)	1,614	31,134
Cavco Industries, Inc. (A)	510	113,317
Century Communities, Inc.	1,378	91,692
Ethan Allen Interiors, Inc.	1,706	47,086
Flexsteel Industries, Inc.	1,118	45,156
Green Brick Partners, Inc. (A)	900	20,466
Hooker Furniture Corp.	1,821	63,079
iRobot Corp. (A)	743	69,389
KB Home	6,043	246,071
La-Z-Boy, Inc.	3,039	112,565
Legacy Housing Corp. (A)	585	9,892
LGI Homes, Inc. (A)	1,066	172,628
Lifetime Brands, Inc.	2,931	43,877
M/I Homes, Inc. (A)	2,195	128,781
MDC Holdings, Inc.	4,059	205,385
Meritage Homes Corp. (A)	2,251	211,774
Mohawk Industries, Inc. (A)	2,210	424,740
Newell Brands, Inc.	4,663	128,093
Taylor Morrison Home Corp. (A)	6,235	164,729
The New Home Company, Inc. (A)	831	4,878
Toll Brothers, Inc.	8,961	518,035
TopBuild Corp. (A)	2,224	439,863
Tri Pointe Homes, Inc. (A)	9,765	209,264
Universal Electronics, Inc. (A)	745	36,133
VOXX International Corp. (A)	3,131	43,865
		3,611,940
<b>Internet and direct marketing retail – 0.3%</b>		
1-800-Flowers.com, Inc., Class A (A)	890	28,364
Lands' End, Inc. (A)	1,503	61,698
Liquidity Services, Inc. (A)	1,691	43,036
Qurate Retail, Inc., Series A	20,519	268,594

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Internet and direct marketing retail (continued)</b>		
Stamps.com, Inc. (A)	518	\$ 103,750
		505,442
<b>Leisure products – 0.4%</b>		
Acushnet Holdings Corp.	3,375	166,725
American Outdoor Brands, Inc. (A)	614	21,576
Callaway Golf Company (A)	1,265	42,668
Escalade, Inc.	3,529	80,991
Johnson Outdoors, Inc., Class A	766	92,686
Nautilus, Inc. (A)	1,580	26,623
Smith & Wesson Brands, Inc.	859	29,807
Vista Outdoor, Inc. (A)	3,182	147,263
		608,339
<b>Multiline retail – 1.0%</b>		
Big Lots, Inc.	2,327	153,605
Dillard's, Inc., Class A	2,339	423,078
Franchise Group, Inc.	300	10,581
Kohl's Corp.	8,128	447,934
Macy's, Inc. (A)	12,243	232,127
Ollie's Bargain Outlet Holdings, Inc. (A)	5,275	443,786
		1,711,111
<b>Specialty retail – 4.3%</b>		
Abercrombie & Fitch Company, Class A (A)	4,970	230,757
Advance Auto Parts, Inc.	1,763	361,662
American Eagle Outfitters, Inc.	3,470	130,229
America's Car-Mart, Inc. (A)	338	47,901
Asbury Automotive Group, Inc. (A)	645	110,534
AutoNation, Inc. (A)	5,555	526,670
Barnes & Noble Education, Inc. (A)	6,174	44,515
Bed Bath & Beyond, Inc. (A)	7,867	261,892
Big 5 Sporting Goods Corp. (B)	2,004	51,463
Boot Barn Holdings, Inc. (A)	2,080	174,824
Build-A-Bear Workshop, Inc. (A)	2,470	42,756
Chico's FAS, Inc. (A)	8,871	58,371
Citi Trends, Inc. (A)	1,422	123,714
Conn's, Inc. (A)	2,177	55,514
Designer Brands, Inc., Class A (A)	4,349	71,976
Dick's Sporting Goods, Inc.	3,608	361,486
Five Below, Inc. (A)	4,102	792,794
Foot Locker, Inc.	4,562	281,156
Genesco, Inc. (A)	1,311	83,484
Group 1 Automotive, Inc.	1,593	246,007
Guess?, Inc.	5,350	141,240
Haverty Furniture Companies, Inc.	1,613	68,972
Hibbett, Inc. (A)	1,098	98,414
Lithia Motors, Inc.	3,368	1,157,380
Lumber Liquidators Holdings, Inc. (A)	1,480	31,228
MarineMax, Inc. (A)	2,016	98,260
Monro, Inc.	1,145	72,719
Penske Automotive Group, Inc.	4,329	326,796
Rent-A-Center, Inc.	1,084	57,528
Shoe Carnival, Inc.	1,152	82,472
Signet Jewelers, Ltd. (A)	3,675	296,903
Sonic Automotive, Inc., Class A	1,522	68,094
The Aaron's Company, Inc.	1,356	43,378
The Buckle, Inc.	753	37,462
The Cato Corp., Class A	1,957	33,015
The Container Store Group, Inc. (A)	2,221	28,962
The ODP Corp. (A)	3,276	157,281
Tilly's, Inc., Class A	712	11,378
Urban Outfitters, Inc. (A)	4,015	165,498
Zumiez, Inc. (A)	1,822	89,260
		7,123,945

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Textiles, apparel and luxury goods – 0.9%</b>		
Capri Holdings, Ltd. (A)	3,763	\$ 215,206
Culp, Inc.	334	5,444
Delta Apparel, Inc. (A)	500	14,760
Fossil Group, Inc. (A)	3,231	46,139
G-III Apparel Group, Ltd. (A)	3,404	111,855
Lakeland Industries, Inc. (A)	1,110	24,786
Movado Group, Inc.	1,758	55,324
Oxford Industries, Inc.	4,836	477,990
PVH Corp. (A)	2,670	287,265
Ralph Lauren Corp.	189	22,266
Rocky Brands, Inc.	1,478	82,177
Steven Madden, Ltd.	820	35,883
Superior Group of Companies, Inc.	663	15,852
Tapestry, Inc. (A)	1,784	77,568
Unifi, Inc. (A)	2,453	59,755
Vera Bradley, Inc. (A)	2,034	25,201
		1,557,471
		23,351,516
<b>Consumer staples – 4.1%</b>		
<b>Beverages – 0.3%</b>		
MGP Ingredients, Inc.	571	38,622
Molson Coors Beverage Company, Class B (A)	9,159	491,747
		530,369
<b>Food and staples retailing – 1.3%</b>		
Casey's General Stores, Inc.	162	31,532
Grocery Outlet Holding Corp. (A)	1,730	59,962
Ingles Markets, Inc., Class A	1,895	110,422
Natural Grocers by Vitamin Cottage, Inc.	1,014	10,890
Performance Food Group Company (A)	12,763	618,878
PriceSmart, Inc.	4,568	415,734
Rite Aid Corp. (A)	3,864	62,983
SpartanNash Company	3,523	68,029
Sprouts Farmers Market, Inc. (A)	4,445	110,458
The Andersons, Inc.	3,384	103,314
The Chefs' Warehouse, Inc. (A)	789	25,114
U.S. Foods Holding Corp. (A)	6,757	259,199
United Natural Foods, Inc. (A)	4,429	163,784
Village Super Market, Inc., Class A	685	16,104
Weis Markets, Inc.	2,371	122,486
		2,178,889
<b>Food products – 2.1%</b>		
Alico, Inc.	341	12,140
B&G Foods, Inc. (B)	1,941	63,665
Bunge, Ltd.	6,512	508,913
Cal-Maine Foods, Inc.	1,161	42,040
Darling Ingredients, Inc. (A)	10,424	703,620
Farmer Brothers Company (A)	1,069	13,566
Flowers Foods, Inc.	5,888	142,490
Fresh Del Monte Produce, Inc.	2,635	86,639
Hostess Brands, Inc. (A)	4,123	66,751
Ingredion, Inc.	3,644	329,782
J&J Snack Foods Corp.	853	148,772
John B. Sanfilippo & Son, Inc.	400	35,428
Landec Corp. (A)	3,130	35,213
Limoneira Company	199	3,492
Pilgrim's Pride Corp. (A)	3,291	72,994
Post Holdings, Inc. (A)	3,484	377,909
Sanderson Farms, Inc.	1,082	203,384
Seaboard Corp.	52	201,174
Seneca Foods Corp., Class A (A)	1,409	71,972
The Hain Celestial Group, Inc. (A)	3,757	150,731
The Simply Good Foods Company (A)	1,707	62,323
Tootsie Roll Industries, Inc. (B)	1,396	47,338

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Food products (continued)</b>		
TreeHouse Foods, Inc. (A)	1,806	\$ 80,403
		3,460,739
<b>Household products – 0.2%</b>		
Central Garden & Pet Company (A)	1,553	82,200
Central Garden & Pet Company, Class A (A)	3,288	158,810
Oil-Dri Corp. of America	531	18,150
Spectrum Brands Holdings, Inc.	1,089	92,609
		351,769
<b>Personal products – 0.2%</b>		
Edgewell Personal Care Company	3,300	144,870
Mannatech, Inc.	276	7,618
Natural Alternatives International, Inc. (A)	200	3,388
Nature's Sunshine Products, Inc.	1,118	19,420
Nu Skin Enterprises, Inc., Class A	2,131	120,721
		296,017
<b>Tobacco – 0.0%</b>		
Universal Corp.	1,975	112,516
		6,930,299
<b>Energy – 5.8%</b>		
<b>Energy equipment and services – 1.1%</b>		
Archrock, Inc.	10,702	95,355
ChampionX Corp. (A)	7,217	185,116
Dawson Geophysical Company (A)	3,948	10,304
Dril-Quip, Inc. (A)	2,386	80,718
Exterran Corp. (A)	4,737	22,548
Frank's International NV (A)(B)	13,259	40,175
Geospace Technologies Corp. (A)	516	4,174
Gulf Island Fabrication, Inc. (A)	3,019	13,646
Helix Energy Solutions Group, Inc. (A)	12,029	68,686
Helmerich & Payne, Inc.	4,237	138,253
KLX Energy Services Holdings, Inc. (A)	373	3,562
Liberty Oilfield Services, Inc., Class A (A)	9,594	135,851
Nabors Industries, Ltd. (A)	597	68,201
National Energy Services Reunited Corp. (A)	3,117	44,417
Natural Gas Services Group, Inc. (A)	2,620	26,934
Newpark Resources, Inc. (A)	6,750	23,355
NexTier Oilfield Solutions, Inc. (A)	11,003	52,374
NOV, Inc. (A)	3,659	56,056
Oceaneering International, Inc. (A)	5,817	90,571
Oil States International, Inc. (A)	4,041	31,722
Patterson-UTI Energy, Inc.	12,012	119,399
ProPetro Holding Corp. (A)	7,061	64,679
RPC, Inc. (A)	12,691	62,820
SEACOR Marine Holdings, Inc. (A)	2,432	10,725
Select Energy Services, Inc., Class A (A)	5,093	30,762
Technip Energies NV, ADR (A)	2,809	38,315
TechnipFMC PLC (A)	20,822	188,439
Tidewater, Inc. (A)	2,791	33,632
Transocean, Ltd. (A)(B)	13,252	59,899
U.S. Silica Holdings, Inc. (A)	4,282	49,500
		1,850,188
<b>Oil, gas and consumable fuels – 4.7%</b>		
Adams Resources & Energy, Inc.	724	20,048
Antero Midstream Corp.	26,090	271,075
Antero Resources Corp. (A)	20,791	312,489
APA Corp.	368	7,960
Ardmore Shipping Corp. (A)	1,174	4,954
Berry Corp.	3,197	21,484
Bonanza Creek Energy, Inc.	1,183	55,684
Cabot Oil & Gas Corp.	10,189	177,900
Callon Petroleum Company (A)(B)	1,879	108,400

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Centennial Resource Development, Inc., Class A (A)	11,699	\$ 79,319
Cimarex Energy Company	963	69,769
Clean Energy Fuels Corp. (A)	9,682	98,272
CNX Resources Corp. (A)	15,258	208,424
Comstock Resources, Inc. (A)	12,010	80,107
CONSOL Energy, Inc. (A)	4,596	84,888
Continental Resources, Inc.	11,202	426,012
CVR Energy, Inc.	1,951	35,040
Delek US Holdings, Inc.	5,312	114,845
Denbury, Inc. (A)	2,036	156,324
Devon Energy Corp.	17,092	498,915
DHT Holdings, Inc.	10,864	70,507
Diamondback Energy, Inc.	1,475	138,488
Dorian LPG, Ltd. (A)	3,417	48,248
Earthstone Energy, Inc., Class A (A)	1,600	17,712
EnLink Midstream LLC (A)	15,546	99,339
EQT Corp. (A)	15,110	336,349
Equitrans Midstream Corp.	25,675	218,494
Green Plains, Inc. (A)	5,268	177,110
HollyFrontier Corp.	8,800	289,520
International Seaways, Inc.	2,070	39,703
Kosmos Energy, Ltd. (A)	21,319	73,764
Laredo Petroleum, Inc. (A)	56	5,196
Magnolia Oil & Gas Corp., Class A (A)	33,100	517,353
Marathon Oil Corp.	42,707	581,669
Matador Resources Company	5,228	188,260
Murphy Oil Corp.	10,625	247,350
NACCO Industries, Inc., Class A	700	18,228
Nordic American Tankers, Ltd.	2,259	7,410
Overseas Shipholding Group, Inc., Class A (A)	5,561	11,622
Par Pacific Holdings, Inc. (A)	399	6,711
PBF Energy, Inc., Class A (A)	7,833	119,845
PDC Energy, Inc.	6,240	285,730
Peabody Energy Corp. (A)	6,070	48,135
Penn Virginia Corp. (A)	651	15,370
PHX Minerals, Inc.	557	2,072
Range Resources Corp. (A)	18,052	302,552
Renewable Energy Group, Inc. (A)	3,442	214,574
REX American Resources Corp. (A)	429	38,687
SandRidge Energy, Inc. (A)	1,746	10,965
Scorpio Tankers, Inc.	2,441	53,824
SFL Corp., Ltd.	10,526	80,524
SilverBow Resources, Inc. (A)	324	7,523
SM Energy Company	5,199	128,051
Talos Energy, Inc. (A)	5,072	79,326
Targa Resources Corp.	4,019	178,645
Teekay Corp. (A)	286	1,064
Teekay Tankers, Ltd., Class A (A)	2,780	40,088
Whiting Petroleum Corp. (A)	2,713	147,994
World Fuel Services Corp.	3,166	100,457
		<u>7,780,368</u>
		9,630,556
<b>Financials – 20.5%</b>		
<b>Banks – 11.3%</b>		
1st Source Corp.	2,092	97,194
Allegiance Bancshares, Inc.	308	11,840
Altabancorp	518	22,435
Amerant Bancorp, Inc. (A)	686	14,667
American National Bankshares, Inc.	991	30,810
American River Bankshares	2,249	40,707
Ameris Bancorp	15,901	805,068
Arrow Financial Corp.	1,054	37,891
Associated Banc-Corp.	14,499	296,940

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Atlantic Capital Bancshares, Inc. (A)	1,267	\$ 32,258
Atlantic Union Bankshares Corp.	14,373	520,590
Banc of California, Inc.	4,665	81,824
BancorpSouth Bank	7,247	205,308
Bank of Commerce Holdings	2,506	37,640
Bank of Marin Bancorp	1,150	36,685
Bank OZK	8,966	378,007
BankFinancial Corp.	2,146	24,550
BankUnited, Inc.	2,347	100,193
Banner Corp.	3,379	183,176
Bar Harbor Bankshares	1,690	48,368
BCB Bancorp, Inc.	1,477	19,866
Berkshire Hills Bancorp, Inc.	3,539	97,004
BOK Financial Corp.	4,528	392,125
Boston Private Financial Holdings, Inc.	6,871	101,347
Brookline Bancorp, Inc.	6,310	94,335
Bryn Mawr Bank Corp.	1,669	70,415
Business First Bancshares, Inc.	500	11,475
Byline Bancorp, Inc.	683	15,456
C&F Financial Corp.	627	31,977
Cadence Bancorp	5,634	117,638
Cambridge Bancorp	121	10,042
Camden National Corp.	1,722	82,243
Capital City Bank Group, Inc.	1,865	48,098
Capstar Financial Holdings, Inc.	600	12,300
Cathay General Bancorp	2,466	97,062
CBTX, Inc.	807	22,039
Central Pacific Financial Corp.	2,460	64,108
Century Bancorp, Inc., Class A	313	35,682
Chemung Financial Corp.	723	32,036
CIT Group, Inc.	3,539	182,577
Citizens & Northern Corp.	500	12,250
City Holding Company	400	30,096
Civista Bancshares, Inc.	1,114	24,619
CNB Financial Corp.	1,562	35,645
Columbia Banking System, Inc.	3,208	123,700
Comerica, Inc.	3,910	278,939
Community Trust Bancorp, Inc.	1,347	54,392
ConnectOne Bancorp, Inc.	1,273	33,314
CrossFirst Bankshares, Inc. (A)	1,824	25,080
Customers Bancorp, Inc. (A)	2,568	100,126
CVB Financial Corp.	3,612	74,371
Dime Community Bankshares, Inc.	3,390	113,972
Eagle Bancorp, Inc.	1,290	72,343
East West Bancorp, Inc.	461	33,049
Enterprise Bancorp, Inc.	246	8,057
Enterprise Financial Services Corp.	1,221	56,642
Equity Bancshares, Inc., Class A (A)	1,097	33,448
FB Financial Corp.	1,189	44,373
Financial Institutions, Inc.	1,481	44,430
First Bancorp (North Carolina)	2,905	118,844
First Bancorp (Puerto Rico)	14,979	178,550
First Bank	900	12,186
First Busey Corp.	2,457	60,590
First Business Financial Services, Inc.	1,366	36,978
First Choice Bancorp	400	12,180
First Commonwealth Financial Corp.	8,341	117,358
First Community Bankshares, Inc.	2,201	65,700
First Financial Bancorp	7,516	177,603
First Financial Corp.	1,432	58,454
First Financial Northwest, Inc.	1,100	16,665
First Foundation, Inc.	1,677	37,749
First Hawaiian, Inc.	5,863	166,157
First Horizon Corp.	25,469	440,104
First Internet Bancorp	777	24,071



# John Hancock Variable Insurance Trust

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## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
First Interstate BancSystem, Inc., Class A	1,946	\$ 81,401
First Merchants Corp.	4,369	182,056
First Mid Bancshares, Inc.	349	14,138
First Midwest Bancorp, Inc.	6,300	124,929
First Northwest Bancorp	800	14,040
Flushing Financial Corp.	2,921	62,597
FNB Corp.	16,986	209,437
Fulton Financial Corp.	11,240	177,367
German American Bancorp, Inc.	755	28,086
Great Southern Bancorp, Inc.	1,117	60,206
Great Western Bancorp, Inc.	3,019	98,993
Guaranty Bancshares, Inc.	293	9,983
Hancock Whitney Corp.	7,556	335,789
Hanmi Financial Corp.	3,082	58,743
HarborOne Bancorp, Inc.	4,217	60,472
Heartland Financial USA, Inc.	2,428	114,092
Heritage Commerce Corp.	3,825	42,572
Heritage Financial Corp.	1,981	49,565
Hilltop Holdings, Inc.	4,528	164,819
Home BancShares, Inc.	1,178	29,073
HomeTrust Bancshares, Inc.	560	15,624
Hope Bancorp, Inc.	10,431	147,912
Horizon Bancorp, Inc.	3,849	67,088
Huntington Bancshares, Inc.	23,965	341,981
Independent Bank Corp. (Massachusetts)	744	56,172
Independent Bank Corp. (Michigan)	1,806	39,208
Independent Bank Group, Inc.	1,953	144,483
International Bancshares Corp.	4,680	200,959
Investar Holding Corp.	500	11,445
Investors Bancorp, Inc.	18,672	266,263
Lakeland Bancorp, Inc.	3,580	62,578
LCNB Corp.	600	9,822
Macatawa Bank Corp.	5,091	44,546
Mercantile Bank Corp.	1,666	50,313
Metropolitan Bank Holding Corp. (A)	456	27,460
Midland States Bancorp, Inc.	1,070	28,109
MidWestOne Financial Group, Inc.	1,343	38,638
MVB Financial Corp.	300	12,798
National Bank Holdings Corp., Class A	1,336	50,421
National Bankshares, Inc.	622	21,776
NBT Bancorp, Inc.	2,964	106,615
Nicolet Bankshares, Inc. (A)	565	39,742
Northeast Bank	770	23,000
Northrim BanCorp, Inc.	1,530	65,408
Norwood Financial Corp.	1,188	30,888
OceanFirst Financial Corp.	1,393	29,030
OFG Bancorp	4,124	91,223
Old National Bancorp	10,998	193,675
Old Second Bancorp, Inc.	2,721	33,740
Origin Bancorp, Inc.	1,115	47,343
Orrstown Financial Services, Inc.	500	11,535
Pacific Mercantile Bancorp (A)	1,962	16,873
Pacific Premier Bancorp, Inc.	3,858	163,155
PacWest Bancorp	7,676	315,944
Park National Corp.	315	36,987
Peapack-Gladstone Financial Corp.	1,625	50,489
Penns Woods Bancorp, Inc.	1,188	28,298
Peoples Bancorp, Inc.	1,809	53,583
People's United Financial, Inc.	22,779	390,432
Pinnacle Financial Partners, Inc.	11,251	993,351
Popular, Inc.	5,455	409,398
Preferred Bank	589	37,266
Premier Financial Bancorp, Inc.	2,821	47,534
Primis Financial Corp.	3,850	58,751
Prosperity Bancshares, Inc.	5,378	386,140

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
QCR Holdings, Inc.	1,211	\$ 58,237
RBB Bancorp	1,075	26,037
Reliant Bancorp, Inc.	400	11,092
Renasant Corp.	3,529	141,160
Republic Bancorp, Inc., Class A	1,449	66,842
Republic First Bancorp, Inc. (A)	2,700	10,773
S&T Bancorp, Inc.	3,436	107,547
Sandy Spring Bancorp, Inc.	2,800	123,564
Seacoast Banking Corp. of Florida	1,753	59,865
Shore Bancshares, Inc.	2,225	37,269
Sierra Bancorp	1,759	44,767
Simmons First National Corp., Class A	5,235	153,595
SmartFinancial, Inc.	500	12,005
South State Corp.	2,447	200,067
Southern First Bancshares, Inc. (A)	537	27,473
Southside Bancshares, Inc.	374	14,298
Spirit of Texas Bancshares, Inc.	500	11,420
Sterling Bancorp	10,264	254,445
SVB Financial Group (A)	157	35,558
Synovus Financial Corp.	3,632	159,372
Texas Capital Bancshares, Inc. (A)	2,286	145,138
The Bancorp, Inc. (A)	4,053	93,260
The Bank of NT Butterfield & Son, Ltd.	445	15,775
The Community Financial Corp.	300	10,350
The First Bancorp, Inc.	1,769	52,097
The First Bancshares, Inc.	1,011	37,842
The First of Long Island Corp.	1,039	22,058
Towne Bank	3,708	112,797
TriCo Bancshares	721	30,700
TriState Capital Holdings, Inc. (A)	2,342	47,753
Triumph Bancorp, Inc. (A)	838	62,222
Trustmark Corp.	4,932	151,906
UMB Financial Corp.	789	73,424
Umpqua Holdings Corp.	12,930	238,559
United Bankshares, Inc.	7,106	259,369
United Community Banks, Inc.	4,271	136,715
Univest Financial Corp.	2,067	54,507
Valley National Bancorp	23,485	315,404
Veritex Holdings, Inc.	1,384	49,007
Washington Trust Bancorp, Inc.	1,035	53,147
Webster Financial Corp.	466	24,856
WesBanco, Inc.	5,027	179,112
Westamerica Bancorporation	169	9,807
Wintrust Financial Corp.	3,040	229,915
Zions Bancorp NA	8,731	461,521
		18,904,992
<b>Capital markets – 2.0%</b>		
Blucora, Inc. (A)	6,814	117,950
Cowen, Inc., Class A	2,484	101,968
Houlihan Lokey, Inc.	11,483	939,195
Invesco, Ltd.	24,463	653,896
Janus Henderson Group PLC	8,689	337,220
Jefferies Financial Group, Inc.	9,310	318,402
Oppenheimer Holdings, Inc., Class A	1,674	85,106
Stifel Financial Corp.	11,157	723,643
StoneX Group, Inc. (A)	1,346	81,662
Virtus Investment Partners, Inc.	70	19,444
		3,378,486
<b>Consumer finance – 1.2%</b>		
Ally Financial, Inc.	4,896	244,017
Encore Capital Group, Inc. (A)	1,949	92,363
Enova International, Inc. (A)	1,321	45,191
EZCORP, Inc., Class A (A)	3,087	18,615
LendingClub Corp. (A)	3,292	59,684
Navient Corp.	15,325	296,232

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Consumer finance (continued)</b>		
Nelnet, Inc., Class A	2,648	\$ 199,209
Nicholas Financial, Inc. (A)	75	842
OneMain Holdings, Inc.	5,011	300,209
PRA Group, Inc. (A)	2,487	95,675
PROG Holdings, Inc. (A)	1,040	50,055
Regional Management Corp.	573	26,667
Santander Consumer USA Holdings, Inc.	15,331	556,822
		1,985,581
<b>Diversified financial services – 0.3%</b>		
California First Leasing Corp.	880	16,113
Cannae Holdings, Inc. (A)	1,645	55,782
Marlin Business Services Corp.	1,698	38,646
NewStar Financial, Inc. (A)(C)	5,739	583
Voya Financial, Inc.	6,477	398,336
		509,460
<b>Insurance – 4.2%</b>		
Alleghany Corp. (A)	918	612,370
Ambac Financial Group, Inc. (A)	1,536	24,054
American Equity Investment Life Holding Company	7,384	238,651
American National Group, Inc.	1,352	200,840
Argo Group International Holdings, Ltd.	2,597	134,603
Assured Guaranty, Ltd.	5,779	274,387
Athene Holding, Ltd., Class A (A)	9,251	624,443
Axis Capital Holdings, Ltd.	4,518	221,427
Brighthouse Financial, Inc. (A)	2,584	117,675
CNA Financial Corp.	1,354	61,593
CNO Financial Group, Inc.	8,918	210,643
Donegal Group, Inc., Class A	2,876	41,903
Employers Holdings, Inc.	2,283	97,712
Enstar Group, Ltd. (A)	824	196,870
Everest Re Group, Ltd.	2,137	538,545
FedNat Holding Company	1,090	4,524
Fidelity National Financial, Inc.	1,356	58,932
First American Financial Corp.	3,118	194,407
Genworth Financial, Inc., Class A (A)	14,291	55,735
Global Indemnity Group LLC, Class A	1,190	31,357
Globe Life, Inc.	1,489	141,827
Greenlight Capital Re, Ltd., Class A (A)	2,616	23,884
Hallmark Financial Services, Inc. (A)	4,008	17,836
Heritage Insurance Holdings, Inc.	657	5,637
Horace Mann Educators Corp.	3,303	123,598
Independence Holding Company	1,947	90,185
Investors Title Company	189	33,005
Kemper Corp.	1,574	116,319
Lincoln National Corp.	7,332	460,743
MBIA, Inc. (A)	4,333	47,663
Mercury General Corp.	1,211	78,654
National Western Life Group, Inc., Class A	221	49,590
Old Republic International Corp.	13,924	346,847
ProAssurance Corp.	2,566	58,377
Reinsurance Group of America, Inc.	3,624	413,136
RenaissanceRe Holdings, Ltd.	929	138,254
Safety Insurance Group, Inc.	612	47,907
SiriusPoint, Ltd. (A)	2,292	23,080
State Auto Financial Corp.	3,187	54,561
Stewart Information Services Corp.	1,817	103,006
Tiptree, Inc.	2,600	24,180
United Fire Group, Inc.	1,897	52,604
United Insurance Holdings Corp.	5,283	30,113
Universal Insurance Holdings, Inc.	2,200	30,536
Unum Group	10,883	309,077
White Mountains Insurance Group, Ltd.	168	192,869
		6,954,159

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Thriffs and mortgage finance – 1.5%</b>		
Axos Financial, Inc. (A)	1,540	\$ 71,441
Capitol Federal Financial, Inc.	11,378	134,033
Columbia Financial, Inc. (A)	600	10,332
ESSA Bancorp, Inc.	897	14,702
Federal Agricultural Mortgage Corp., Class C	594	58,747
Flagstar Bancorp, Inc.	3,861	163,204
FS Bancorp, Inc.	200	14,254
Home Bancorp, Inc.	902	34,375
HomeStreet, Inc.	1,802	73,413
Kearny Financial Corp.	5,361	64,064
Merchants Bancorp	341	13,381
Meridian Bancorp, Inc.	1,625	33,248
Meta Financial Group, Inc.	2,595	131,385
MGIC Investment Corp.	9,113	123,937
Mr. Cooper Group, Inc. (A)	3,087	102,056
New York Community Bancorp, Inc.	24,244	267,169
NMI Holdings, Inc., Class A (A)	2,152	48,377
Northfield Bancorp, Inc.	4,119	67,552
Northwest Bancshares, Inc.	7,430	101,345
OP Bancorp	1,000	10,060
Premier Financial Corp.	1,989	56,507
Provident Financial Holdings, Inc.	1,778	30,706
Provident Financial Services, Inc.	4,010	91,789
Prudential Bancorp, Inc.	1,696	23,490
Radian Group, Inc.	10,338	230,021
Riverview Bancorp, Inc.	5,483	38,874
Southern Missouri Bancorp, Inc.	1,012	45,500
Territorial Bancorp, Inc.	1,722	44,720
TrustCo Bank Corp.	1,826	62,778
Washington Federal, Inc.	3,303	104,969
Waterstone Financial, Inc.	3,099	60,926
Western New England Bancorp, Inc.	4,739	38,623
WSFS Financial Corp.	2,604	121,320
		2,487,298
		34,219,976
<b>Health care – 13.0%</b>		
<b>Biotechnology – 3.5%</b>		
Achillion Pharmaceuticals, Inc. (A)(C)	10,940	16,452
Akebia Therapeutics, Inc. (A)	11,211	42,490
Albireo Pharma, Inc. (A)	13,655	480,383
Alkermes PLC (A)	6,034	147,954
AnaptysBio, Inc. (A)	1,489	38,610
Anika Therapeutics, Inc. (A)	533	23,074
Arena Pharmaceuticals, Inc. (A)	6,884	469,489
Biohaven Pharmaceutical Holding Company, Ltd. (A)	6,705	650,921
Catalyst Pharmaceuticals, Inc. (A)	2,300	13,225
Chimerix, Inc. (A)	2,352	18,816
Concert Pharmaceuticals, Inc. (A)	1,198	5,056
Deciphera Pharmaceuticals, Inc. (A)	12,780	467,876
Eagle Pharmaceuticals, Inc. (A)	236	10,101
Emergent BioSolutions, Inc. (A)	6,237	392,869
Enanta Pharmaceuticals, Inc. (A)	279	12,279
Halozyme Therapeutics, Inc. (A)	13,800	626,658
Insmed, Inc. (A)	10,450	297,407
Ligand Pharmaceuticals, Inc. (A)	122	16,005
Myriad Genetics, Inc. (A)	1,802	55,105
OPKO Health, Inc. (A)(B)	2,204	8,926
Oyster Point Pharma, Inc. (A)	25,300	434,907
PDL BioPharma, Inc. (A)(C)	5,434	9,183
Traverse Therapeutics, Inc. (A)	21,407	312,328
United Therapeutics Corp. (A)	874	156,804
Vanda Pharmaceuticals, Inc. (A)	3,697	79,522
Veracyte, Inc. (A)	9,618	384,528

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Vericel Corp. (A)	14,267	\$ 749,018
		5,919,986
<b>Health care equipment and supplies – 3.6%</b>		
AngioDynamics, Inc. (A)	4,876	132,286
AtriCure, Inc. (A)	10,886	863,586
Avanos Medical, Inc. (A)	3,807	138,461
Cardiovascular Systems, Inc. (A)	13,894	592,579
CryoLife, Inc. (A)	18,443	523,781
CryoPort, Inc. (A)	9,746	614,973
Envista Holdings Corp. (A)	8,070	348,705
FONAR Corp. (A)	463	8,186
Globus Medical, Inc., Class A (A)	11,443	887,176
ICU Medical, Inc. (A)	2,157	443,911
Inogen, Inc. (A)	400	26,068
Integer Holdings Corp. (A)	2,433	229,189
Integra LifeSciences Holdings Corp. (A)	9,133	623,236
IntriCon Corp. (A)	519	11,667
Invacare Corp. (A)	3,396	27,406
Kewaunee Scientific Corp. (A)	83	1,194
Lantheus Holdings, Inc. (A)	1,796	49,641
LENSAR, Inc. (A)	783	6,781
Meridian Bioscience, Inc. (A)	2,202	48,840
Merit Medical Systems, Inc. (A)	1,302	84,187
Natus Medical, Inc. (A)	1,669	43,361
NuVasive, Inc. (A)	1,932	130,951
Orthofix Medical, Inc. (A)	541	21,700
STERIS PLC	212	43,736
Surgalign Holdings, Inc. (A)	4,931	6,854
Utah Medical Products, Inc.	289	24,577
Varex Imaging Corp. (A)	1,166	31,272
		5,964,304
<b>Health care providers and services – 3.2%</b>		
Acadia Healthcare Company, Inc. (A)	17,173	1,077,606
Addus HomeCare Corp. (A)	448	39,084
Brookdale Senior Living, Inc. (A)	12,258	96,838
Castle Biosciences, Inc. (A)	8,959	656,963
Covetrus, Inc. (A)	4,886	131,922
Cross Country Healthcare, Inc. (A)	2,734	45,138
Five Star Senior Living, Inc. (A)	2,100	12,096
HealthEquity, Inc. (A)	9,212	741,382
LHC Group, Inc. (A)	3,724	745,768
Magellan Health, Inc. (A)	1,785	168,147
MEDNAX, Inc. (A)	5,689	171,523
ModivCare, Inc. (A)	269	45,749
National HealthCare Corp.	1,428	99,817
Option Care Health, Inc. (A)	4,058	88,748
Owens & Minor, Inc.	4,390	185,829
Patterson Companies, Inc.	3,536	107,459
Premier, Inc., Class A	5,701	198,338
Select Medical Holdings Corp.	3,542	149,685
Star Equity Holdings, Inc. (A)	310	961
Surgery Partners, Inc. (A)	396	26,382
Triple-S Management Corp. (A)	2,760	61,465
Universal Health Services, Inc., Class B	987	144,526
US Physical Therapy, Inc.	3,816	442,160
		5,437,586
<b>Health care technology – 0.2%</b>		
Allscripts Healthcare Solutions, Inc. (A)	10,106	187,062
HealthStream, Inc. (A)	1,969	55,014
NextGen Healthcare, Inc. (A)	2,165	35,917
		277,993
<b>Life sciences tools and services – 1.1%</b>		
Harvard Bioscience, Inc. (A)	6,562	54,661
Luminex Corp.	2,011	74,005

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Life sciences tools and services (continued)</b>		
Medpace Holdings, Inc. (A)	4,496	\$ 794,128
Syneos Health, Inc. (A)	10,775	964,255
		1,887,049
<b>Pharmaceuticals – 1.4%</b>		
Amphastar Pharmaceuticals, Inc. (A)	600	12,096
ANI Pharmaceuticals, Inc. (A)	400	14,020
BioDelivery Sciences International, Inc. (A)	6,044	21,638
Cara Therapeutics, Inc. (A)	2,825	40,313
Cumberland Pharmaceuticals, Inc. (A)	956	2,720
Endo International PLC (A)	2,935	13,736
Innoviva, Inc. (A)	1,860	24,943
Jazz Pharmaceuticals PLC (A)	733	130,210
Perrigo Company PLC	4,847	222,235
Phathom Pharmaceuticals, Inc. (A)	15,136	512,354
Prestige Consumer Healthcare, Inc. (A)	3,032	157,967
Satsuma Pharmaceuticals, Inc. (A)	2,208	15,566
SIGA Technologies, Inc. (A)	2,000	12,560
Supernus Pharmaceuticals, Inc. (A)	19,568	602,499
Taro Pharmaceutical Industries, Ltd. (A)	503	36,196
Zogenix, Inc. (A)	26,086	450,766
		2,269,819
		21,756,737
<b>Industrials – 18.5%</b>		
<b>Aerospace and defense – 0.5%</b>		
AAR Corp. (A)	3,093	119,854
Astronics Corp. (A)	1,700	29,767
Curtiss-Wright Corp.	987	117,216
Ducommun, Inc. (A)	1,674	91,333
Kaman Corp.	1,770	89,208
Kratos Defense & Security Solutions, Inc. (A)	2,475	70,513
Maxar Technologies, Inc.	1,000	39,920
Moog, Inc., Class A	1,548	130,125
National Presto Industries, Inc.	244	24,803
Park Aerospace Corp.	2,083	31,037
SIFCO Industries, Inc. (A)	1,000	10,070
Textron, Inc.	1,297	89,195
Vectrus, Inc. (A)	1,029	48,970
		892,011
<b>Air freight and logistics – 0.3%</b>		
Air Transport Services Group, Inc. (A)	1,670	38,794
Atlas Air Worldwide Holdings, Inc. (A)	2,473	168,436
Echo Global Logistics, Inc. (A)	1,896	58,283
Forward Air Corp.	886	79,519
Hub Group, Inc., Class A (A)	2,418	159,540
Radiant Logistics, Inc. (A)	1,875	12,994
		517,566
<b>Airlines – 0.3%</b>		
Copa Holdings SA, Class A (A)	905	68,174
Hawaiian Holdings, Inc. (A)	2,646	64,483
JetBlue Airways Corp. (A)	3,526	59,166
Mesa Air Group, Inc. (A)	1,399	13,053
SkyWest, Inc. (A)	3,644	156,947
Spirit Airlines, Inc. (A)	4,452	135,519
		497,342
<b>Building products – 1.5%</b>		
American Woodmark Corp. (A)	787	64,290
Apogee Enterprises, Inc.	2,405	97,956
Armstrong Flooring, Inc. (A)	1,831	11,334
Builders FirstSource, Inc. (A)	6,643	283,390
Gibraltar Industries, Inc. (A)	12,472	951,738
Griffon Corp.	2,832	72,584

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Building products (continued)</b>		
Insteel Industries, Inc.	1,689	\$ 54,301
JELD-WEN Holding, Inc. (A)	10,200	267,852
Masonite International Corp. (A)	1,068	119,392
Owens Corning	860	84,194
PGT Innovations, Inc. (A)	1,494	34,706
Quanex Building Products Corp.	3,929	97,596
Resideo Technologies, Inc. (A)	3,733	111,990
Tecnoglass, Inc.	900	19,260
UFP Industries, Inc.	3,823	284,202
		2,554,785
<b>Commercial services and supplies – 1.5%</b>		
ABM Industries, Inc.	5,148	228,314
ACCO Brands Corp.	6,712	57,925
Acme United Corp.	733	32,662
ADT, Inc.	13,007	140,346
Brady Corp., Class A	1,082	60,635
BrightView Holdings, Inc. (A)	3,879	62,529
CECO Environmental Corp. (A)	1,395	9,988
Civeo Corp. (A)	673	11,979
Clean Harbors, Inc. (A)	1,725	160,667
Deluxe Corp.	800	38,216
Ennis, Inc.	2,608	56,124
Harsco Corp. (A)	2,430	49,621
Heritage-Crystal Clean, Inc. (A)	1,877	55,709
Herman Miller, Inc.	1,320	62,225
HNI Corp.	1,502	66,043
Interface, Inc.	2,884	44,125
KAR Auction Services, Inc. (A)	3,101	54,423
Kimball International, Inc., Class B	1,715	22,552
Knoll, Inc.	2,003	52,058
Mathews International Corp., Class A	1,190	42,792
NL Industries, Inc.	3,260	21,190
Ritchie Brothers Auctioneers, Inc.	14,579	864,243
Steelcase, Inc., Class A	4,596	69,446
Team, Inc. (A)	2,106	14,110
UniFirst Corp.	371	87,051
Viad Corp. (A)	1,409	70,239
Vidler Water Resources, Inc. (A)	2,493	33,157
Virco Manufacturing Corp. (A)	1,200	4,092
VSE Corp.	1,368	67,730
		2,540,191
<b>Construction and engineering – 1.6%</b>		
API Group Corp. (A)(D)	2,846	59,453
Arcosa, Inc.	4,310	253,169
Argan, Inc.	854	40,813
Comfort Systems USA, Inc.	400	31,516
Concrete Pumping Holdings, Inc. (A)	1,800	15,246
Construction Partners, Inc., Class A (A)	936	29,390
Dycom Industries, Inc. (A)	4,391	327,261
EMCOR Group, Inc.	1,448	178,379
Fluor Corp. (A)	3,410	60,357
Granite Construction, Inc.	3,746	155,571
Great Lakes Dredge & Dock Corp. (A)	6,888	100,634
IES Holdings, Inc. (A)	237	12,172
MasTec, Inc. (A)	3,659	388,220
Matrix Service Company (A)	2,731	28,676
MYR Group, Inc. (A)	1,465	133,198
Northwest Pipe Company (A)	1,706	48,195
NV5 Global, Inc. (A)	533	50,374
Orion Group Holdings, Inc. (A)	4,263	24,512
Primoris Services Corp.	3,474	102,240
Quanta Services, Inc.	1,993	180,506
Sterling Construction Company, Inc. (A)	2,528	61,001
Tutor Perini Corp. (A)	4,167	57,713
Valmont Industries, Inc.	150	35,408

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Construction and engineering (continued)</b>		
WillScot Mobile Mini Holdings Corp. (A)	7,715	\$ 215,017
		2,589,021
<b>Electrical equipment – 1.2%</b>		
Acuity Brands, Inc.	150	28,055
Atkore, Inc. (A)	8,051	571,621
AZZ, Inc.	1,376	71,249
Encore Wire Corp.	1,949	147,715
EnerSys	953	93,137
LSI Industries, Inc.	4,131	33,089
nVent Electric PLC	3,766	117,650
Powell Industries, Inc.	1,244	38,502
Preformed Line Products Company	984	73,013
Regal Beloit Corp.	1,545	206,273
Sensata Technologies Holding PLC (A)	5,022	291,125
Thermon Group Holdings, Inc. (A)	15,080	256,963
Ultralife Corp. (A)	1,984	16,626
		1,945,018
<b>Industrial conglomerates – 0.1%</b>		
Carlisle Companies, Inc.	457	87,461
<b>Machinery – 5.3%</b>		
AGCO Corp.	3,217	419,432
Alamo Group, Inc.	5,076	775,004
Albany International Corp., Class A	1,875	167,363
Altra Industrial Motion Corp.	2,114	137,452
Astec Industries, Inc.	2,415	152,000
Barnes Group, Inc.	3,344	171,380
Chart Industries, Inc. (A)	1,798	263,083
CIRCOR International, Inc. (A)	1,614	52,616
Colfax Corp. (A)	7,506	343,850
Columbus McKinnon Corp.	2,178	105,067
Crane Company	682	62,996
EnPro Industries, Inc.	503	48,866
ESCO Technologies, Inc.	1,885	176,832
Federal Signal Corp.	3,670	147,644
Franklin Electric Company, Inc.	745	60,062
FreightCar America, Inc. (A)	735	4,359
Gates Industrial Corp. PLC (A)	8,586	155,149
Gencor Industries, Inc. (A)	2,100	25,536
Graham Corp.	333	4,582
Helios Technologies, Inc.	5,247	409,528
Hillenbrand, Inc.	1,385	61,051
Hurco Companies, Inc.	1,054	36,890
Hyster-Yale Materials Handling, Inc.	815	59,479
ITT, Inc.	1,268	116,136
Kadant, Inc.	218	38,388
Kennametal, Inc.	1,573	56,502
LB Foster Company, Class A (A)	1,699	31,669
Lydall, Inc. (A)	338	20,456
Meritor, Inc. (A)	2,572	60,236
Miller Industries, Inc.	1,434	56,557
Mueller Industries, Inc.	2,004	86,793
Mueller Water Products, Inc., Class A	3,140	45,279
NN, Inc. (A)	2,376	17,464
Oshkosh Corp.	2,463	306,988
Park-Ohio Holdings Corp.	749	24,073
Perma-Pipe International Holdings, Inc. (A)	1,100	7,326
RBC Bearings, Inc. (A)	3,872	772,154
REV Group, Inc.	2,206	34,612
Rexnord Corp.	1,780	89,071
Snap-on, Inc.	1,635	365,308
SPX FLOW, Inc.	1,971	128,588
Standex International Corp.	200	18,982
Tennant Company	494	39,446
Terex Corp.	1,393	66,335

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
The Eastern Company	1,471	\$ 44,615
The Gorman-Rupp Company	1,454	50,076
The Greenbrier Companies, Inc.	2,830	123,331
The LS Starrett Company, Class A (A)	1,530	14,290
The Manitowoc Company, Inc. (A)	2,421	59,315
The Shyft Group, Inc.	30,536	1,142,352
The Timken Company	2,526	203,570
Titan International, Inc. (A)	3,936	33,377
TriMas Corp. (A)	1,856	56,292
Trinity Industries, Inc.	8,957	240,854
Twin Disc, Inc. (A)	1,650	23,480
Wabash National Corp.	1,980	31,680
Woodward, Inc.	5,227	642,294
		8,888,110
<b>Marine – 0.3%</b>		
Costamare, Inc.	3,754	44,335
Eagle Bulk Shipping, Inc. (A)	393	18,597
Eneti, Inc.	1,112	20,717
Genco Shipping & Trading, Ltd.	3,003	56,697
Kirby Corp. (A)	1,759	106,666
Matson, Inc.	2,868	183,552
		430,564
<b>Professional services – 2.3%</b>		
Acacia Research Corp. (A)	2,172	14,683
ASGN, Inc. (A)	1,021	98,966
Barrett Business Services, Inc.	200	14,522
BGSF, Inc.	800	9,872
CACI International, Inc., Class A (A)	3,008	767,401
CBIZ, Inc. (A)	4,080	133,702
CRA International, Inc.	1,251	107,086
Exponent, Inc.	7,667	683,973
Forrester Research, Inc. (A)	8,709	398,872
FTI Consulting, Inc. (A)	753	102,867
GP Strategies Corp. (A)	1,825	28,689
Heidrick & Struggles International, Inc.	1,672	74,488
Hill International, Inc. (A)	3,275	8,155
Huron Consulting Group, Inc. (A)	1,411	69,351
ICF International, Inc.	1,429	125,552
KBR, Inc.	1,869	71,302
Kelly Services, Inc., Class A (A)	4,330	103,790
Korn Ferry	3,492	253,345
ManpowerGroup, Inc.	1,407	167,306
ManTech International Corp., Class A	1,905	164,859
Mistras Group, Inc. (A)	2,232	21,941
Nielsen Holdings PLC	9,392	231,701
RCM Technologies, Inc. (A)	300	1,236
Resources Connection, Inc.	4,120	59,163
Science Applications International Corp.	1,299	113,961
TrueBlue, Inc. (A)	2,519	70,809
Willdan Group, Inc. (A)	400	15,056
		3,912,648
<b>Road and rail – 1.3%</b>		
AMERCO	1,044	615,334
ArcBest Corp.	1,977	115,042
Covenant Logistics Group, Inc. (A)	1,513	31,289
Heartland Express, Inc.	4,107	70,353
Knight-Swift Transportation Holdings, Inc.	15,069	685,037
Marten Transport, Ltd.	6,368	105,008
P.A.M. Transportation Services, Inc. (A)	675	35,606
Patriot Transportation Holding, Inc.	450	5,067
Ryder System, Inc.	3,393	252,202
Saia, Inc. (A)	104	21,787
Schneider National, Inc., Class B	2,987	65,027
U.S. Xpress Enterprises, Inc., Class A (A)	2,111	18,155

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Road and rail (continued)</b>		
USA Truck, Inc. (A)	1,375	\$ 22,096
Werner Enterprises, Inc.	4,155	184,981
		2,226,984
<b>Trading companies and distributors – 2.2%</b>		
Air Lease Corp.	8,149	340,139
Alta Equipment Group, Inc. (A)	1,696	22,540
Applied Industrial Technologies, Inc.	267	24,313
Beacon Roofing Supply, Inc. (A)	3,611	192,286
Boise Cascade Company	2,003	116,875
CAI International, Inc.	1,738	97,328
DXP Enterprises, Inc. (A)	1,367	45,521
GATX Corp.	2,663	235,596
GMS, Inc. (A)	1,138	54,783
Lawson Products, Inc. (A)	591	31,624
McGrath RentCorp	1,800	146,826
MRC Global, Inc. (A)	2,745	25,803
MSC Industrial Direct Company, Inc., Class A	738	66,221
NOW, Inc. (A)	7,656	72,655
Rush Enterprises, Inc., Class A	2,831	122,412
Rush Enterprises, Inc., Class B	1,117	42,602
SiteOne Landscape Supply, Inc. (A)	6,303	1,066,846
Textainer Group Holdings, Ltd. (A)	2,844	96,042
Titan Machinery, Inc. (A)	2,366	73,204
Transcat, Inc. (A)	353	19,948
Triton International, Ltd.	4,778	250,081
Univar Solutions, Inc. (A)	3,996	97,422
Veritiv Corp. (A)	1,408	86,479
WESCO International, Inc. (A)	2,696	277,203
Willis Lease Finance Corp. (A)	406	17,401
		3,622,150
<b>Transportation infrastructure – 0.1%</b>		
Macquarie Infrastructure Corp.	4,124	157,825
		30,861,676
<b>Information technology – 12.5%</b>		
<b>Communications equipment – 1.2%</b>		
ADTRAN, Inc.	4,669	96,415
BK Technologies Corp.	2,100	6,615
Communications Systems, Inc. (A)	1,800	12,924
Comtech Telecommunications Corp.	2,706	65,377
Digi International, Inc. (A)	3,371	67,791
EchoStar Corp., Class A (A)	4,430	107,605
Genasys, Inc. (A)	3,300	18,084
Harmonic, Inc. (A)	4,356	37,113
Juniper Networks, Inc.	12,815	350,490
NETGEAR, Inc. (A)	2,513	96,298
NetScout Systems, Inc. (A)	4,585	130,856
Optical Cable Corp. (A)	931	3,556
Ribbon Communications, Inc. (A)	1,083	8,242
TESSCO Technologies, Inc. (A)	1,750	10,763
ViaSat, Inc. (A)	2,775	138,306
ViaVi Solutions, Inc. (A)	49,842	880,210
		2,030,645
<b>Electronic equipment, instruments and components – 3.2%</b>		
ADDvantage Technologies Group, Inc. (A)	428	1,130
Arlo Technologies, Inc. (A)	1,572	10,642
Arrow Electronics, Inc. (A)	6,456	734,886
Avnet, Inc.	9,371	375,590
Bel Fuse, Inc., Class B	1,641	23,630
Belden, Inc.	1,293	65,387
Benchmark Electronics, Inc.	3,813	108,518
CTS Corp.	2,910	108,136
Daktronics, Inc. (A)	3,929	25,892

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electronic equipment, instruments and components (continued)</b>		
ePlus, Inc. (A)	798	\$ 69,179
Fabrinet (A)	2,485	238,237
FARO Technologies, Inc. (A)	295	22,942
Flex, Ltd. (A)	22,654	404,827
Frequency Electronics, Inc. (A)	1,783	17,473
Insight Enterprises, Inc. (A)	2,190	219,022
Jabil, Inc.	7,913	459,904
Key Tronic Corp. (A)	1,900	12,388
Kimball Electronics, Inc. (A)	3,036	66,003
Knowles Corp. (A)	5,768	113,860
Methode Electronics, Inc.	1,701	83,706
OSI Systems, Inc. (A)	880	89,443
PC Connection, Inc.	2,391	110,632
Plexus Corp. (A)	2,005	183,277
RF Industries, Ltd. (A)	120	895
Richardson Electronics, Ltd.	2,384	19,811
Rogers Corp. (A)	3,815	766,052
Sanmina Corp. (A)	4,939	192,423
ScanSource, Inc. (A)	2,542	71,506
SYNNEX Corp.	2,778	338,249
TTM Technologies, Inc. (A)	8,193	117,160
Vishay Intertechnology, Inc.	9,510	214,451
Vishay Precision Group, Inc. (A)	1,686	57,391
		5,322,642
<b>IT services – 1.5%</b>		
Alliance Data Systems Corp.	1,271	132,425
BM Technologies, Inc. (A)	368	4,577
Concentrix Corp. (A)	2,778	446,702
Conduent, Inc. (A)	9,516	71,370
CSG Systems International, Inc.	535	25,241
DXC Technology Company (A)	7,967	310,235
Endava PLC, ADR (A)	10,726	1,216,114
Information Services Group, Inc.	4,400	25,740
MAXIMUS, Inc.	710	62,459
Perficient, Inc. (A)	338	27,182
Sykes Enterprises, Inc. (A)	2,815	151,166
		2,473,211
<b>Semiconductors and semiconductor equipment – 3.4%</b>		
Alpha & Omega Semiconductor, Ltd. (A)	2,746	83,451
Amkor Technology, Inc.	18,705	442,747
Amtech Systems, Inc. (A)	2,404	23,175
Axcelis Technologies, Inc. (A)	3,360	135,811
AXT, Inc. (A)	4,229	46,434
Brooks Automation, Inc.	10,256	977,192
CMC Materials, Inc.	2,225	335,397
Cohu, Inc. (A)	3,140	115,521
Diodes, Inc. (A)	2,632	209,955
DSP Group, Inc. (A)	1,080	15,984
Entegris, Inc.	7,052	867,184
First Solar, Inc. (A)	3,872	350,455
FormFactor, Inc. (A)	1,299	47,362
Ichor Holdings, Ltd. (A)	526	28,299
Kulicke & Soffa Industries, Inc.	4,804	294,005
MACOM Technology Solutions Holdings, Inc. (A)	9,056	580,308
MagnaChip Semiconductor Corp. (A)	799	19,064
NeoPhotonics Corp. (A)	3,808	38,880
Onto Innovation, Inc. (A)	1,461	106,711
PDF Solutions, Inc. (A)	2,193	39,869
Photronics, Inc. (A)	5,882	77,701
Rambus, Inc. (A)	3,601	85,380
Silicon Laboratories, Inc. (A)	3,862	591,852
Ultra Clean Holdings, Inc. (A)	2,274	122,159

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
Veeco Instruments, Inc. (A)	2,996	\$ 72,024
		5,706,920
<b>Software – 2.9%</b>		
ACI Worldwide, Inc. (A)	1,780	66,109
Asure Software, Inc. (A)	1,391	12,338
Aware, Inc. (A)	2,160	8,014
Bottomline Technologies DE, Inc. (A)	5,601	207,685
Cerence, Inc. (A)	12,238	1,305,917
Cognyte Software, Ltd. (A)	402	9,849
Ebix, Inc.	954	32,341
InterDigital, Inc.	1,490	108,815
j2 Global, Inc. (A)	654	89,958
OneSpan, Inc. (A)	1,048	26,766
Paylocity Holding Corp. (A)	5,250	1,001,700
Ping Identity Holding Corp. (A)	630	14,427
Rapid7, Inc. (A)	12,338	1,167,545
SolarWinds Corp. (A)	861	14,542
The Descartes Systems Group, Inc. (A)	9,290	642,496
Upland Software, Inc. (A)	280	11,528
Verint Systems, Inc. (A)	1,067	48,090
Xperi Holding Corp.	4,859	108,064
		4,876,184
<b>Technology hardware, storage and peripherals – 0.3%</b>		
AstroNova, Inc. (A)	1,439	20,031
Stratysys, Ltd. (A)	2,906	75,149
Super Micro Computer, Inc. (A)	3,994	140,509
Xerox Holdings Corp.	7,509	176,386
		412,075
		20,821,677
<b>Materials – 6.8%</b>		
<b>Chemicals – 3.5%</b>		
AdvanSix, Inc. (A)	895	26,725
American Vanguard Corp.	2,118	37,086
Ashland Global Holdings, Inc.	3,088	270,200
Avient Corp.	16,610	816,548
Balchem Corp.	4,579	601,040
Cabot Corp.	1,625	92,511
CF Industries Holdings, Inc.	3,576	183,985
Core Molding Technologies, Inc. (A)	1,000	15,430
Element Solutions, Inc.	13,202	308,663
Ferro Corp. (A)	2,899	62,531
Flotek Industries, Inc. (A)	1,771	3,064
FutureFuel Corp.	4,276	41,050
GCP Applied Technologies, Inc. (A)	2,486	57,824
Hawkins, Inc.	1,460	47,815
HB Fuller Company	3,615	229,950
Huntsman Corp.	15,185	402,706
Innospec, Inc.	1,794	162,554
Intrepid Potash, Inc. (A)	504	16,057
Koppers Holdings, Inc. (A)	1,200	38,820
Kraton Corp. (A)	2,685	86,699
Kronos Worldwide, Inc.	2,697	38,621
LSB Industries, Inc. (A)	567	3,430
Minerals Technologies, Inc.	2,102	165,364
Olin Corp.	5,580	258,131
PQ Group Holdings, Inc.	5,263	80,840
Quaker Chemical Corp.	1,933	458,488
Rayonier Advanced Materials, Inc. (A)	4,555	30,473
Sensient Technologies Corp.	1,185	102,574
Stepan Company	1,433	172,347
The Mosaic Company	10,995	350,850
Trecora Resources (A)	2,774	23,080
Tredegar Corp.	1,654	22,776
Trinseo SA	940	56,250

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
Tronox Holdings PLC, Class A	6,229	\$ 139,530
Venator Materials PLC (A)	2,700	12,798
Westlake Chemical Corp.	4,606	414,955
		5,831,765
<b>Construction materials – 0.2%</b>		
Summit Materials, Inc., Class A (A)	5,182	180,593
U.S. Concrete, Inc. (A)	268	19,778
United States Lime & Minerals, Inc.	686	95,416
		295,787
<b>Containers and packaging – 0.6%</b>		
Berry Global Group, Inc. (A)	4,041	263,554
Graphic Packaging Holding Company	10,944	198,524
Greif, Inc., Class A	1,410	85,376
Greif, Inc., Class B	698	41,182
Packaging Corp. of America	666	90,190
Ranpak Holdings Corp. (A)	1,842	46,105
Silgan Holdings, Inc.	1,982	82,253
Sonoco Products Company	3,466	231,875
UFP Technologies, Inc. (A)	300	17,226
		1,056,285
<b>Metals and mining – 2.0%</b>		
Alcoa Corp. (A)	9,625	354,585
Allegheny Technologies, Inc. (A)	4,244	88,487
Ampco-Pittsburgh Corp. (A)	1,644	9,979
Arconic Corp. (A)	2,666	94,963
Carpenter Technology Corp.	3,575	143,787
Century Aluminum Company (A)	6,579	84,803
Coeur Mining, Inc. (A)	7,490	66,511
Commercial Metals Company	5,907	181,463
Ferroglobe PLC (A)	3,057	18,709
Friedman Industries, Inc.	1,511	20,247
Gold Resource Corp.	6,900	17,802
Haynes International, Inc.	458	16,204
Hecla Mining Company	26,017	193,566
Materion Corp.	1,721	129,677
Nexa Resources SA	900	7,893
Olympic Steel, Inc.	1,438	42,263
Reliance Steel & Aluminum Company	3,854	581,569
Schnitzer Steel Industries, Inc., Class A	3,077	150,927
Steel Dynamics, Inc.	10,944	652,262
SunCoke Energy, Inc.	6,433	45,932
Synalloy Corp. (A)	2,039	20,370
TimkenSteel Corp. (A)	2,689	38,049
United States Steel Corp.	8,605	206,520
Universal Stainless & Alloy Products, Inc. (A)	1,562	15,729
Warrior Met Coal, Inc.	3,785	65,102
Worthington Industries, Inc.	2,387	146,037
		3,393,436
<b>Paper and forest products – 0.5%</b>		
Clearwater Paper Corp. (A)	1,597	46,265
Domtar Corp. (A)	4,813	264,522
Glatfelter Corp.	4,610	64,402
Louisiana-Pacific Corp.	685	41,299
Mercer International, Inc.	7,458	95,090
Neenah, Inc.	193	9,683
Resolute Forest Products, Inc.	9,682	118,120
Schweitzer-Mauduit International, Inc.	1,971	79,589
Verso Corp., Class A	2,848	50,410
		769,380
		11,346,653
<b>Real estate – 1.5%</b>		

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts – 0.7%</b>		
Indus Realty Trust, Inc.	256	\$ 16,806
Ryman Hospitality Properties, Inc. (A)	6,220	491,131
STAG Industrial, Inc.	17,092	639,754
		1,147,691
<b>Real estate management and development – 0.8%</b>		
BBX Capital, Inc. (A)	348	2,791
Cushman & Wakefield PLC (A)	5,399	94,321
Five Point Holdings LLC, Class A (A)	2,659	21,485
Forestar Group, Inc. (A)	2,613	54,638
FRP Holdings, Inc. (A)	931	51,838
Jones Lang LaSalle, Inc. (A)	2,736	534,779
Kennedy-Wilson Holdings, Inc.	2,361	46,913
Marcus & Millichap, Inc. (A)	1,253	48,704
Rafael Holdings, Inc., Class B (A)	500	25,525
RE/MAX Holdings, Inc., Class A	799	26,631
Realogy Holdings Corp. (A)	9,125	166,258
Stratus Properties, Inc. (A)	1,025	25,287
Tejon Ranch Company (A)	1,709	25,994
The Howard Hughes Corp. (A)	1,594	155,351
The RMR Group, Inc., Class A	300	11,592
The St. Joe Company	283	12,625
		1,304,732
		2,452,423
<b>Utilities – 0.6%</b>		
<b>Gas utilities – 0.1%</b>		
New Jersey Resources Corp.	3,917	154,996
<b>Independent power and renewable electricity producers – 0.3%</b>		
Brookfield Renewable Corp., Class A	1,875	78,638
Ormat Technologies, Inc.	1,927	133,984
Vistra Corp.	20,066	372,224
		584,846
<b>Multi-utilities – 0.2%</b>		
MDU Resources Group, Inc.	10,901	341,637
		1,081,479
<b>TOTAL COMMON STOCKS (Cost \$121,599,844)</b>		<b>\$ 166,027,147</b>
<b>PREFERRED SECURITIES – 0.1%</b>		
<b>Consumer discretionary – 0.0%</b>		
<b>Internet and direct marketing retail – 0.0%</b>		
Qurate Retail, Inc., 8.000%	206	22,300
<b>Industrials – 0.1%</b>		
<b>Trading companies and distributors – 0.1%</b>		
WESCO International, Inc. (10.625% to 6-22-25, then 5 Year CMT + 10.325%)	1,507	46,551
<b>TOTAL PREFERRED SECURITIES (Cost \$63,266)</b>		<b>\$ 68,851</b>
<b>WARRANTS – 0.0%</b>		
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)	238	2,380
<b>TOTAL WARRANTS (Cost \$0)</b>		<b>\$ 2,380</b>
<b>SHORT-TERM INVESTMENTS – 0.4%</b>		
<b>Short-term funds – 0.4%</b>		
John Hancock Collateral Trust, 0.0324% (E)(F)	43,773	437,936

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>Short-term funds (continued)</b>		
State Street Institutional Treasury Money Market Fund, Premier Class, 0.0051% (E)	2	\$ 2
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (E)	336,100	336,100
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$774,053)</b>		<b>\$ 774,038</b>
<b>Total Investments (Small Cap Opportunities Trust) (Cost \$122,437,163) – 99.9%</b>		<b>\$ 166,872,416</b>
<b>Other assets and liabilities, net – 0.1%</b>		<b>98,627</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 166,971,043</b>

### 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 6-30-21.
(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)	The rate shown is the annualized seven-day yield as of 6-30-21.
(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.

## Small Cap Stock Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 100.0%</b>		
<b>Communication services – 3.9%</b>		
<b>Diversified telecommunication services – 1.1%</b>		
Bandwidth, Inc., Class A (A)	34,928	\$ 4,817,270
<b>Media – 2.8%</b>		
Cardlytics, Inc. (A)	60,608	7,692,973
Criteo SA, ADR (A)	106,605	4,821,744
		12,514,717
		17,331,987
<b>Consumer discretionary – 19.6%</b>		
<b>Diversified consumer services – 3.4%</b>		
2U, Inc. (A)	131,350	5,473,355
Chegg, Inc. (A)	98,336	8,172,705
Mister Car Wash, Inc. (A)	63,200	1,360,696
		15,006,756
<b>Hotels, restaurants and leisure – 4.2%</b>		
Boyd Gaming Corp. (A)	54,825	3,371,189
Penn National Gaming, Inc. (A)	29,258	2,237,944
Planet Fitness, Inc., Class A (A)	103,860	7,815,465
Wingstop, Inc.	30,933	4,875,969
		18,300,567
<b>Household durables – 2.3%</b>		
Cavco Industries, Inc. (A)	19,993	4,442,245
Skyline Champion Corp. (A)	109,562	5,839,655
		10,281,900
<b>Internet and direct marketing retail – 2.6%</b>		
Porch Group, Inc. (A)(B)	61,660	1,192,504

## Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Internet and direct marketing retail (continued)</b>		
Porch.com, Inc. (A)(C)	148,379	\$ 2,791,670
Shutterstock, Inc.	36,985	3,630,817
The RealReal, Inc. (A)	182,857	3,613,254
		11,228,245
<b>Leisure products – 2.4%</b>		
Polaris, Inc.	25,342	3,470,840
YETI Holdings, Inc. (A)	78,105	7,171,601
		10,642,441
<b>Multiline retail – 1.8%</b>		
Ollie's Bargain Outlet Holdings, Inc. (A)	92,337	7,768,312
<b>Specialty retail – 2.9%</b>		
Five Below, Inc. (A)	38,633	7,466,600
Floor & Decor Holdings, Inc., Class A (A)	48,145	5,088,927
		12,555,527
		85,783,748
<b>Consumer staples – 1.4%</b>		
<b>Beverages – 1.2%</b>		
The Boston Beer Company, Inc., Class A (A)	5,216	5,324,493
<b>Household products – 0.2%</b>		
The Honest Company, Inc. (A)(C)	56,976	874,909
		6,199,402
<b>Financials – 3.8%</b>		
<b>Banks – 2.4%</b>		
Ameris Bancorp	68,009	3,443,296
Sterling Bancorp	144,289	3,576,924
Western Alliance Bancorp	36,722	3,409,638
		10,429,858
<b>Capital markets – 0.7%</b>		
BowX Acquisition Corp., Class A (A)	115,000	1,322,500
Hamilton Lane, Inc., Class A	19,382	1,766,088
		3,088,588
<b>Mortgage real estate investment trusts – 0.7%</b>		
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	54,089	3,037,097
		16,555,543
<b>Health care – 27.7%</b>		
<b>Biotechnology – 14.1%</b>		
Accelaron Pharma, Inc. (A)	16,014	2,009,597
Allakos, Inc. (A)	23,994	2,048,368
ALX Oncology Holdings, Inc. (A)	52,952	2,895,415
Amicus Therapeutics, Inc. (A)	211,949	2,043,188
Apellis Pharmaceuticals, Inc. (A)	44,862	2,835,278
Arena Pharmaceuticals, Inc. (A)	48,853	3,331,775
Arrowhead Pharmaceuticals, Inc. (A)	24,236	2,007,226
Ascendis Pharma A/S, ADR (A)	17,526	2,305,545
BioAtla, Inc. (A)	36,448	1,544,666
Blueprint Medicines Corp. (A)	30,787	2,708,025
Freeline Therapeutics Holdings PLC, ADR (A)	38,196	311,297
Heron Therapeutics, Inc. (A)	178,631	2,772,353
ImmunoGen, Inc. (A)	220,932	1,455,942
Intellia Therapeutics, Inc. (A)	13,690	2,216,548
KalVista Pharmaceuticals, Inc. (A)	73,364	1,757,801
Karuna Therapeutics, Inc. (A)	12,268	1,398,429
Kodiak Sciences, Inc. (A)	41,192	3,830,856
Kura Oncology, Inc. (A)	60,619	1,263,906
Mersana Therapeutics, Inc. (A)	116,713	1,584,963
Myovant Sciences, Ltd. (A)	81,671	1,859,649
PTC Therapeutics, Inc. (A)	45,379	1,918,170
RAPT Therapeutics, Inc. (A)	48,347	1,536,951



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
REVOLUTION Medicines, Inc. (A)	62,796	\$ 1,993,145
Rocket Pharmaceuticals, Inc. (A)	42,315	1,874,131
TCR2 Therapeutics, Inc. (A)	113,265	1,858,679
TG Therapeutics, Inc. (A)	82,411	3,196,723
Turning Point Therapeutics, Inc. (A)	37,310	2,910,926
UroGen Pharma, Ltd. (A)(B)	93,183	1,422,904
Y-mAbs Therapeutics, Inc. (A)	86,577	2,926,303
		61,818,759
<b>Health care equipment and supplies – 3.0%</b>		
Globus Medical, Inc., Class A (A)	51,998	4,031,405
Hill-Rom Holdings, Inc.	38,639	4,389,004
Integra LifeSciences Holdings Corp. (A)	71,774	4,897,858
		13,318,267
<b>Health care providers and services – 4.7%</b>		
Accolade, Inc. (A)	103,562	5,624,452
Cross Country Healthcare, Inc. (A)	173,496	2,864,419
HealthEquity, Inc. (A)	21,000	1,690,080
LHC Group, Inc. (A)	30,639	6,135,766
Oak Street Health, Inc. (A)	75,027	4,394,331
		20,709,048
<b>Health care technology – 3.0%</b>		
Health Catalyst, Inc. (A)	77,215	4,286,205
Multiplan Corp. (A)(B)	522,868	4,977,703
Omniceil, Inc. (A)	24,647	3,732,788
		12,996,696
<b>Life sciences tools and services – 2.6%</b>		
Medpace Holdings, Inc. (A)	28,941	5,111,849
NanoString Technologies, Inc. (A)	34,819	2,255,923
NeoGenomics, Inc. (A)	85,965	3,883,039
		11,250,811
<b>Pharmaceuticals – 0.3%</b>		
Reata Pharmaceuticals, Inc., Class A (A)	9,217	1,304,482
		121,398,063
<b>Industrials – 11.1%</b>		
<b>Aerospace and defense – 1.0%</b>		
Curtiss-Wright Corp.	35,399	4,203,985
<b>Building products – 2.0%</b>		
Builders FirstSource, Inc. (A)	111,100	4,739,526
Gibraltar Industries, Inc. (A)	51,662	3,942,327
		8,681,853
<b>Commercial services and supplies – 0.0%</b>		
Legalzoom.com, Inc. (A)	6,200	234,670
<b>Construction and engineering – 0.7%</b>		
Fluor Corp. (A)	171,233	3,030,824
<b>Machinery – 4.8%</b>		
Altra Industrial Motion Corp.	94,511	6,145,105
Colfax Corp. (A)	88,868	4,071,043
Hydrofarm Holdings Group, Inc. (A)	50,000	2,955,500
Kornit Digital, Ltd. (A)	21,942	2,728,049
The Middleby Corp. (A)	29,661	5,139,065
		21,038,762
<b>Professional services – 0.7%</b>		
TriNet Group, Inc. (A)	39,939	2,894,779
<b>Road and rail – 0.5%</b>		
Saia, Inc. (A)	11,633	2,436,997
<b>Trading companies and distributors – 1.4%</b>		
Applied Industrial Technologies, Inc.	67,014	6,102,295
		48,624,165
<b>Information technology – 28.5%</b>		

## Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Communications equipment – 1.0%</b>		
Calix, Inc. (A)	87,505	\$ 4,156,488
<b>Electronic equipment, instruments and components – 4.0%</b>		
II-VI, Inc. (A)	113,220	8,218,640
Novanta, Inc. (A)	30,413	4,098,456
PAR Technology Corp. (A)	74,022	5,177,099
		17,494,195
<b>IT services – 5.6%</b>		
LiveRamp Holdings, Inc. (A)	83,180	3,896,983
Perficient, Inc. (A)	105,864	8,513,583
Repay Holdings Corp. (A)	186,299	4,478,628
Squarespace, Inc., Class A (A)(B)	45,536	2,705,294
Verra Mobility Corp. (A)	326,058	5,011,511
		24,605,999
<b>Semiconductors and semiconductor equipment – 5.3%</b>		
ACM Research, Inc., Class A (A)	36,756	3,757,198
Maxon Solar Technologies, Ltd. (A)(B)	117,749	2,523,361
MKS Instruments, Inc.	25,082	4,463,342
SunPower Corp. (A)	42,719	1,248,249
Synaptics, Inc. (A)	23,500	3,656,130
Tower Semiconductor, Ltd. (A)	261,684	7,701,360
		23,349,640
<b>Software – 12.6%</b>		
Clear Secure, Inc., Class A (A)	4,000	160,000
Digital Turbine, Inc. (A)	106,904	8,127,911
j2 Global, Inc. (A)	42,551	5,852,890
Jamf Holding Corp. (A)	126,013	4,230,256
Latch, Inc. (A)(C)	271,318	3,115,456
Manhattan Associates, Inc. (A)	40,292	5,835,893
MarkLogic Corp. (A)(D)	153,423	42,958
Mimecast, Ltd. (A)	85,276	4,523,892
Payoneer, Inc. (A)(C)	47,400	455,076
Rapid7, Inc. (A)	99,423	9,408,401
SentinelOne, Inc., Class A (A)	4,100	174,250
Telos Corp. (A)	129,363	4,399,636
Varonis Systems, Inc. (A)	155,361	8,951,901
		55,278,520
		124,884,842
<b>Materials – 0.6%</b>		
<b>Chemicals – 0.6%</b>		
Cabot Corp.	48,757	2,775,736
<b>Real estate – 3.4%</b>		
<b>Equity real estate investment trusts – 2.9%</b>		
Essential Properties Realty Trust, Inc.	149,567	4,044,292
Ryman Hospitality Properties, Inc. (A)	57,797	4,563,651
Xenia Hotels & Resorts, Inc. (A)	223,064	4,177,989
		12,785,932
<b>Real estate management and development – 0.5%</b>		
Redfin Corp. (A)	35,874	2,274,770
		15,060,702
<b>TOTAL COMMON STOCKS (Cost \$374,309,779)</b>		<b>\$ 438,614,188</b>
<b>SHORT-TERM INVESTMENTS – 2.5%</b>		
<b>Short-term funds – 2.1%</b>		
John Hancock Collateral Trust, 0.0324% (E)(F)	923,740	9,241,650

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>Repurchase agreement – 0.4%</b>		
Societe Generale SA Tri-Party Repurchase Agreement dated 6-30-21 at 0.045% to be repurchased at \$1,800,000 on 7-1-21, collateralized by \$21,952 Federal Home Loan Mortgage Corp., 5.559% due 11-1-30 (valued at \$22,807), \$633,485 Federal National Mortgage Association, 1.658% - 4.000% due 11-1-26 to 10-1-47 (valued at \$691,770) and \$1,059,777 Government National Mortgage Association, 2.000% - 2.500% due 9-20-50 to 1-20-51 (valued at \$1,121,423)	\$ 1,800,000	\$ 1,800,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$11,041,788)</b>		<b>\$ 11,041,650</b>
<b>Total Investments (Small Cap Stock Trust) (Cost \$385,351,567) – 102.5%</b>		<b>\$ 449,655,838</b>
<b>Other assets and liabilities, net – (2.5%)</b>		<b>(11,151,125)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 438,504,713</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-21.
(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 6-30-21.
(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.

## Small Cap Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.0%</b>		
<b>Consumer discretionary – 5.4%</b>		
<b>Auto components – 0.9%</b>		
Gentherm, Inc. (A)	71,249	\$ 5,062,241
<b>Hotels, restaurants and leisure – 0.9%</b>		
Aramark	31,006	1,154,974
Wyndham Hotels & Resorts, Inc.	55,670	4,024,384
		5,179,358
<b>Household durables – 1.2%</b>		
Tri Pointe Homes, Inc. (A)	306,021	6,558,030
<b>Specialty retail – 0.9%</b>		
Monro, Inc.	80,352	5,103,156
<b>Textiles, apparel and luxury goods – 1.5%</b>		
Kontoor Brands, Inc.	147,785	8,336,552
		30,239,337
<b>Consumer staples – 5.8%</b>		
<b>Beverages – 0.9%</b>		
C&C Group PLC (A)	1,531,538	5,154,369
<b>Food products – 2.6%</b>		
Cranswick PLC	128,148	7,050,109
Hostess Brands, Inc. (A)	412,515	6,678,618
Post Holdings, Inc. (A)	6,733	730,329
		14,459,056

## Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Household products – 2.3%</b>		
Spectrum Brands Holdings, Inc.	151,091	\$ 12,848,777
		32,462,202
<b>Energy – 3.5%</b>		
<b>Energy equipment and services – 0.3%</b>		
Bristow Group, Inc. (A)	70,257	1,799,282
<b>Oil, gas and consumable fuels – 3.2%</b>		
Chesapeake Energy Corp. (B)	6,194	321,592
Dorian LPG, Ltd. (A)	443,042	6,255,753
Kosmos Energy, Ltd. (A)	190,154	657,933
Magnolia Oil & Gas Corp., Class A (A)	569,355	8,899,019
Scorpio Tankers, Inc.	84,195	1,856,500
		17,990,797
		19,790,079
<b>Financials – 23.4%</b>		
<b>Banks – 14.6%</b>		
1st Source Corp.	101,230	4,703,146
Atlantic Union Bankshares Corp.	202,988	7,352,225
Banc of California, Inc.	492,023	8,630,083
Eastern Bankshares, Inc.	250,685	5,156,590
First Busey Corp.	242,765	5,986,585
First Citizens BancShares, Inc., Class A	659	548,776
First Midwest Bancorp, Inc.	418,814	8,305,082
Flushing Financial Corp.	305,069	6,537,629
Great Western Bancorp, Inc.	265,433	8,703,548
Hancock Whitney Corp.	178,260	7,921,874
International Bancshares Corp.	200,012	8,588,515
Synovus Financial Corp.	202,575	8,888,991
Webster Financial Corp.	13,148	701,314
		82,024,358
<b>Capital markets – 0.7%</b>		
SLR Investment Corp.	207,765	3,872,740
<b>Insurance – 6.4%</b>		
Alleghany Corp. (A)	1,874	1,250,089
Argo Group International Holdings, Ltd.	72,574	3,761,510
Assured Guaranty, Ltd.	115,723	5,494,528
Kemper Corp.	133,841	9,890,850
ProAssurance Corp.	137,254	3,122,529
Reinsurance Group of America, Inc.	5,799	661,086
SiriusPoint, Ltd. (A)	455,523	4,587,117
White Mountains Insurance Group, Ltd.	6,589	7,564,370
		36,332,079
<b>Thriffs and mortgage finance – 1.7%</b>		
NMI Holdings, Inc., Class A (A)	200,394	4,504,857
Northwest Bancshares, Inc.	372,574	5,081,909
		9,586,766
		131,815,943
<b>Health care – 7.1%</b>		
<b>Health care equipment and supplies – 3.5%</b>		
Haemonetics Corp. (A)	63,011	4,199,053
Lantheus Holdings, Inc. (A)	461,759	12,763,019
Natus Medical, Inc. (A)	90,730	2,357,165
		19,319,237
<b>Health care providers and services – 1.9%</b>		
AMN Healthcare Services, Inc. (A)	31,466	3,051,573
MEDNAX, Inc. (A)	113,200	3,412,980
Owens & Minor, Inc.	103,089	4,363,757
		10,828,310
<b>Health care technology – 1.6%</b>		
Allscripts Healthcare Solutions, Inc. (A)	492,349	9,113,380

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Life sciences tools and services – 0.1%</b>		
Syneos Health, Inc. (A)	5,720	\$ 511,883
		39,772,810
<b>Industrials – 24.2%</b>		
<b>Aerospace and defense – 1.2%</b>		
Hexcel Corp. (A)	111,193	6,938,443
<b>Building products – 3.4%</b>		
American Woodmark Corp. (A)	88,101	7,196,971
Tyman PLC	1,942,876	12,088,196
		19,285,167
<b>Commercial services and supplies – 4.2%</b>		
ACCO Brands Corp.	752,178	6,491,296
BrightView Holdings, Inc. (A)	333,182	5,370,894
Clean Harbors, Inc. (A)	9,434	878,683
SP Plus Corp. (A)	190,175	5,817,453
UniFirst Corp.	21,485	5,041,240
		23,599,566
<b>Construction and engineering – 1.4%</b>		
Primoris Services Corp.	220,376	6,485,666
Valmont Industries, Inc.	5,228	1,234,069
		7,719,735
<b>Electrical equipment – 1.0%</b>		
Thermon Group Holdings, Inc. (A)	321,079	5,471,186
<b>Machinery – 5.5%</b>		
Albany International Corp., Class A	50,779	4,532,534
Luxfer Holdings PLC	389,027	8,655,851
Mueller Industries, Inc.	152,806	6,618,028
TriMas Corp. (A)	361,013	10,949,524
		30,755,937
<b>Professional services – 6.4%</b>		
CBIZ, Inc. (A)	253,716	8,314,273
Forrester Research, Inc. (A)	127,906	5,858,095
Huron Consulting Group, Inc. (A)	162,893	8,006,191
ICF International, Inc.	79,357	6,972,306
Science Applications International Corp.	81,961	7,190,439
		36,341,304
<b>Trading companies and distributors – 1.1%</b>		
GATX Corp.	67,629	5,983,138
		136,094,476
<b>Information technology – 7.4%</b>		
<b>Electronic equipment, instruments and components – 3.6%</b>		
Belden, Inc.	198,423	10,034,251
Coherent, Inc. (A)	8,485	2,242,925
CTS Corp.	222,291	8,260,334
		20,537,510
<b>IT services – 2.2%</b>		
ExlService Holdings, Inc. (A)	50,482	5,364,217
WNS Holdings, Ltd., ADR (A)	84,309	6,733,760
		12,097,977
<b>Semiconductors and semiconductor equipment – 0.5%</b>		
Onto Innovation, Inc. (A)	37,871	2,766,098
<b>Software – 1.1%</b>		
CDK Global, Inc.	20,914	1,039,217
Progress Software Corp.	116,291	5,378,459
		6,417,676
		41,819,261
<b>Materials – 7.1%</b>		
<b>Chemicals – 5.0%</b>		
Axalta Coating Systems, Ltd. (A)	10,930	333,256
Element Solutions, Inc.	488,438	11,419,680

## Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
HB Fuller Company	71,379	\$ 4,540,418
Orion Engineered Carbons SA (A)	392,396	7,451,600
Stepan Company	37,281	4,483,786
		28,228,740
<b>Containers and packaging – 0.2%</b>		
Sealed Air Corp.	21,690	1,285,133
<b>Paper and forest products – 1.9%</b>		
Louisiana-Pacific Corp.	31,656	1,908,540
Neenah, Inc.	171,520	8,605,158
		10,513,698
		40,027,571
<b>Real estate – 9.2%</b>		
<b>Equity real estate investment trusts – 9.2%</b>		
Alexander & Baldwin, Inc.	403,352	7,389,409
Brandywine Realty Trust	526,183	7,213,969
Corporate Office Properties Trust	145,448	4,071,090
Lexington Realty Trust	349,925	4,181,604
Physicians Realty Trust	397,439	7,340,698
Piedmont Office Realty Trust, Inc., Class A	391,413	7,229,398
PotlatchDeltic Corp.	86,063	4,574,248
RPT Realty	759,532	9,858,725
		51,859,141
<b>Utilities – 3.9%</b>		
<b>Electric utilities – 1.6%</b>		
Portland General Electric Company	196,017	9,032,463
<b>Gas utilities – 2.3%</b>		
New Jersey Resources Corp.	140,167	5,546,408
Spire, Inc.	86,620	6,260,027
UGI Corp.	24,684	1,143,116
		12,949,551
		21,982,014
<b>TOTAL COMMON STOCKS (Cost \$422,931,967)</b>		<b>\$ 545,862,834</b>
<b>SHORT-TERM INVESTMENTS – 2.8%</b>		
<b>Short-term funds – 0.0%</b>		
John Hancock Collateral Trust, 0.0324% (C)(D)	21,812	218,223
<b>Repurchase agreement – 2.8%</b>		
Bank of America Tri-Party Repurchase Agreement dated 6-30-21 at 0.050% to be repurchased at \$15,700,022 on 7-1-21, collateralized by \$14,180,158 Government National Mortgage Association, 1.967% - 1.993% due 5-20-71 (valued at \$16,014,001)	\$ 15,700,000	15,700,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$15,918,225)</b>		<b>\$ 15,918,223</b>
<b>Total Investments (Small Cap Value Trust) (Cost \$438,850,192) – 99.8%</b>		<b>\$ 561,781,057</b>
<b>Other assets and liabilities, net – 0.2%</b>		<b>1,029,721</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 562,810,778</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-21.
(C)	The rate shown is the annualized seven-day yield as of 6-30-21.
(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 — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Company Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.0%</b>		
<b>Communication services – 2.4%</b>		
<b>Media – 2.4%</b>		
Advantage Solutions, Inc. (A)(B)	59,796	\$ 645,199
Boston Omaha Corp., Class A (A)	29,392	932,020
Cable One, Inc.	654	1,250,978
Scholastic Corp.	19,576	741,735
Thryv Holdings, Inc. (A)	17,176	614,386
		4,184,318
<b>Consumer discretionary – 10.7%</b>		
<b>Auto components – 1.9%</b>		
Dorman Products, Inc. (A)	9,366	970,973
LCI Industries	6,987	918,232
The Goodyear Tire & Rubber Company (A)	24,537	420,810
Visteon Corp. (A)	7,655	925,796
		3,235,811
<b>Distributors – 0.6%</b>		
Pool Corp.	2,196	1,007,217
<b>Diversified consumer services – 0.8%</b>		
Strategic Education, Inc.	19,551	1,487,049
<b>Hotels, restaurants and leisure – 2.6%</b>		
Bally's Corp. (A)	4,281	231,645
BJ's Restaurants, Inc. (A)	18,850	926,289
Marriott Vacations Worldwide Corp. (A)	6,861	1,092,957
Papa John's International, Inc.	9,495	991,658
Planet Fitness, Inc., Class A (A)	8,018	603,355
Red Robin Gourmet Burgers, Inc. (A)	20,487	678,325
		4,524,229
<b>Household durables – 1.2%</b>		
Cavco Industries, Inc. (A)	6,012	1,335,806
Meritage Homes Corp. (A)	8,966	843,521
		2,179,327
<b>Internet and direct marketing retail – 0.3%</b>		
Poshmark, Inc., Class A (A)(B)	8,134	388,317
Xometry, Inc., Class A (A)	1,588	138,775
		527,092
<b>Specialty retail – 2.1%</b>		
Hibbett, Inc. (A)	9,261	830,063
Lumber Liquidators Holdings, Inc. (A)	38,671	815,958
Monro, Inc.	14,207	902,287
Petco Health & Wellness Company, Inc. (A)	27,363	613,205
The Aaron's Company, Inc.	13,177	421,532
		3,583,045
<b>Textiles, apparel and luxury goods – 1.2%</b>		
Hanesbrands, Inc.	38,247	714,071
Steven Madden, Ltd.	31,261	1,367,981
		2,082,052
		18,625,822
<b>Consumer staples – 3.0%</b>		
<b>Beverages – 0.6%</b>		
Coca-Cola Consolidated, Inc.	2,652	1,066,449
<b>Food and staples retailing – 0.4%</b>		
Grocery Outlet Holding Corp. (A)	17,711	613,863
<b>Food products – 2.0%</b>		
Nomad Foods, Ltd. (A)	61,213	1,730,492
Post Holdings, Inc. (A)	8,834	958,224
The Simply Good Foods Company (A)	22,184	809,938
		3,498,654
		5,178,966
<b>Energy – 6.5%</b>		

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Energy equipment and services – 2.7%</b>		
Cactus, Inc., Class A	37,198	\$ 1,365,911
ChampionX Corp. (A)	77,190	1,979,924
Liberty Oilfield Services, Inc., Class A (A)	90,520	1,281,763
		4,627,598
<b>Oil, gas and consumable fuels – 3.8%</b>		
Devon Energy Corp.	62,250	1,817,078
International Seaways, Inc.	26,682	511,761
Magnolia Oil & Gas Corp., Class A (A)	89,023	1,391,429
Matador Resources Company	59,231	2,132,908
REX American Resources Corp. (A)	8,895	802,151
		6,655,327
		11,282,925
<b>Financials – 25.9%</b>		
<b>Banks – 15.1%</b>		
Atlantic Capital Bancshares, Inc. (A)	13,155	334,926
BankUnited, Inc.	45,717	1,951,659
Columbia Banking System, Inc.	31,504	1,214,794
CrossFirst Bankshares, Inc. (A)	43,286	595,183
Eastern Bankshares, Inc.	35,268	725,463
FB Financial Corp.	31,472	1,174,535
Glacier Bancorp, Inc.	23,492	1,293,939
HarborOne Bancorp, Inc.	70,275	1,007,744
Heritage Financial Corp.	17,174	429,693
Home BancShares, Inc.	86,792	2,142,027
Howard Bancorp, Inc. (A)	52,554	847,696
Independent Bank Corp. (Massachusetts)	8,767	661,909
Live Oak Bancshares, Inc.	27,716	1,635,244
National Bank Holdings Corp., Class A	29,615	1,117,670
Origin Bancorp, Inc.	24,467	1,038,869
Pinnacle Financial Partners, Inc.	26,864	2,371,823
Popular, Inc.	17,442	1,309,022
Southern First Bancshares, Inc. (A)	17,518	896,221
Towne Bank	45,524	1,384,840
Webster Financial Corp.	23,812	1,270,132
Western Alliance Bancorp	30,009	2,786,336
		26,189,725
<b>Capital markets – 2.3%</b>		
Hercules Capital, Inc.	51,741	882,701
Houlihan Lokey, Inc.	16,188	1,324,017
StepStone Group, Inc., Class A	8,635	297,044
Virtus Investment Partners, Inc.	5,614	1,559,401
		4,063,163
<b>Consumer finance – 1.3%</b>		
Green Dot Corp., Class A (A)	17,999	843,253
PRA Group, Inc. (A)	9,350	359,695
PROG Holdings, Inc. (A)	23,790	1,145,013
		2,347,961
<b>Insurance – 2.1%</b>		
BRP Group, Inc., Class A (A)	35,105	935,548
James River Group Holdings, Ltd.	23,163	869,076
Palomar Holdings, Inc. (A)	7,981	602,246
ProAssurance Corp.	31,932	726,453
State Auto Financial Corp.	30,599	523,855
		3,657,178
<b>Mortgage real estate investment trusts – 1.6%</b>		
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	32,136	1,804,436
PennyMac Mortgage Investment Trust	48,203	1,015,155
		2,819,591
<b>Thriffs and mortgage finance – 3.5%</b>		
Meridian Bancorp, Inc.	43,579	891,626
PCSB Financial Corp.	19,555	355,314

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Thriffs and mortgage finance (continued)</b>		
PennyMac Financial Services, Inc.	15,243	\$ 940,798
Radian Group, Inc.	55,530	1,235,543
Walker & Dunlop, Inc.	6,638	692,874
WSFS Financial Corp.	40,732	1,897,704
		6,013,859
		45,091,477
<b>Health care – 8.3%</b>		
<b>Biotechnology – 2.6%</b>		
Acceleron Pharma, Inc. (A)	4,773	598,964
Blueprint Medicines Corp. (A)	4,919	432,675
C4 Therapeutics, Inc. (A)(B)	9,456	357,815
Insmad, Inc. (A)	14,502	412,727
Karuna Therapeutics, Inc. (A)	2,537	289,193
Kodiak Sciences, Inc. (A)	4,079	379,347
Kymera Therapeutics, Inc. (A)	4,900	237,650
Replimune Group, Inc. (A)	11,991	460,694
Turning Point Therapeutics, Inc. (A)	4,300	335,486
Ultragenyx Pharmaceutical, Inc. (A)	6,312	601,849
Xencor, Inc. (A)	9,890	341,106
		4,447,506
<b>Health care equipment and supplies – 1.7%</b>		
Atrion Corp.	1,832	1,137,544
Envista Holdings Corp. (A)	24,845	1,073,552
Figs, Inc., Class A (A)	1,442	72,244
Ortho Clinical Diagnostics Holdings PLC (A)	19,604	419,722
Quidel Corp. (A)	2,148	275,202
		2,978,264
<b>Health care providers and services – 3.3%</b>		
Agiliti, Inc. (A)	27,087	592,393
Molina Healthcare, Inc. (A)	1,195	302,407
Option Care Health, Inc. (A)	51,511	1,126,546
Select Medical Holdings Corp.	49,408	2,087,982
The Ensign Group, Inc.	12,052	1,044,547
The Pennant Group, Inc. (A)	16,542	676,568
		5,830,443
<b>Health care technology – 0.5%</b>		
Multiplan Corp. (A)	11,693	111,317
Phreesia, Inc. (A)	13,065	800,885
		912,202
<b>Pharmaceuticals – 0.2%</b>		
Arvinas, Inc. (A)	4,296	330,792
		14,499,207
<b>Industrials – 16.1%</b>		
<b>Aerospace and defense – 1.3%</b>		
Parsons Corp. (A)	15,161	596,737
Triumph Group, Inc. (A)	81,330	1,687,598
		2,284,335
<b>Airlines – 0.2%</b>		
Allegiant Travel Company (A)	2,012	390,328
<b>Building products – 2.0%</b>		
JELD-WEN Holding, Inc. (A)	24,844	652,403
Resideo Technologies, Inc. (A)	20,121	603,630
UFP Industries, Inc.	29,337	2,180,913
		3,436,946
<b>Commercial services and supplies – 2.3%</b>		
ABM Industries, Inc.	9,400	416,890
Brady Corp., Class A	17,261	967,306
MSA Safety, Inc.	5,415	896,616
Stericycle, Inc. (A)	17,525	1,253,914

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Commercial services and supplies (continued)</b>		
UniFirst Corp.	2,026	\$ 475,381
		4,010,107
<b>Construction and engineering – 0.2%</b>		
Ameresco, Inc., Class A (A)	6,602	414,077
<b>Electrical equipment – 0.7%</b>		
Shoals Technologies Group, Inc., Class A (A)	17,325	615,038
Thermon Group Holdings, Inc. (A)	32,329	550,886
		1,165,924
<b>Machinery – 4.4%</b>		
Alamo Group, Inc.	3,290	502,317
Blue Bird Corp. (A)	25,142	625,030
Chart Industries, Inc. (A)	2,825	413,354
CIRCOR International, Inc. (A)	21,739	708,691
Enerpac Tool Group Corp.	33,317	886,899
ESCO Technologies, Inc.	12,951	1,214,933
Helios Technologies, Inc.	19,112	1,491,692
SPX Corp. (A)	15,696	958,712
The Timken Company	9,499	765,524
		7,567,152
<b>Marine – 0.3%</b>		
Matson, Inc.	8,406	537,984
<b>Professional services – 1.2%</b>		
FTI Consulting, Inc. (A)	3,195	436,469
Kelly Services, Inc., Class A (A)	13,477	323,044
Korn Ferry	18,659	1,353,710
		2,113,223
<b>Road and rail – 1.0%</b>		
Landstar System, Inc.	7,313	1,155,600
Ryder System, Inc.	7,124	529,527
		1,685,127
<b>Trading companies and distributors – 2.5%</b>		
Air Lease Corp.	10,094	421,324
Beacon Roofing Supply, Inc. (A)	28,167	1,499,893
McGrath RentCorp	13,320	1,086,512
Rush Enterprises, Inc., Class A	10,376	448,658
Univar Solutions, Inc. (A)	36,878	899,086
		4,355,473
		27,960,676
<b>Information technology – 6.7%</b>		
<b>Communications equipment – 0.8%</b>		
Harmonic, Inc. (A)	174,042	1,482,838
<b>Electronic equipment, instruments and components – 2.6%</b>		
Belden, Inc.	40,895	2,068,055
Knowles Corp. (A)	6,614	130,560
Littelfuse, Inc.	9,089	2,315,786
		4,514,401
<b>IT services – 0.5%</b>		
i3 Verticals, Inc., Class A (A)	21,051	636,161
Integral Ad Science Holding Corp. (A)	8,453	173,963
		810,124
<b>Semiconductors and semiconductor equipment – 1.6%</b>		
Entegris, Inc.	8,322	1,023,356
MaxLinear, Inc. (A)	18,758	797,027
Onto Innovation, Inc. (A)	6,939	506,825
Semtech Corp. (A)	7,011	482,357
		2,809,565
<b>Software – 1.2%</b>		
Ceridian HCM Holding, Inc. (A)	11,482	1,101,353
DoubleVerify Holdings, Inc. (A)(B)	2,207	93,444

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
NCino, Inc. (A)	6,229	\$ 373,242
Workiva, Inc. (A)	4,665	519,354
		2,087,393
		11,704,321
<b>Materials – 5.7%</b>		
<b>Chemicals – 2.6%</b>		
American Vanguard Corp.	26,317	460,811
Atotech, Ltd. (A)	37,339	953,265
Minerals Technologies, Inc.	12,632	993,759
Orion Engineered Carbons SA (A)	54,043	1,026,277
Quaker Chemical Corp.	4,034	956,824
		4,390,936
<b>Containers and packaging – 0.4%</b>		
Myers Industries, Inc.	34,802	730,842
<b>Metals and mining – 2.2%</b>		
Alcoa Corp. (A)	5,501	202,657
Carpenter Technology Corp.	26,522	1,066,715
Constellium SE (A)	89,510	1,696,215
Reliance Steel & Aluminum Company	5,910	891,819
		3,857,406
<b>Paper and forest products – 0.5%</b>		
Clearwater Paper Corp. (A)	28,578	827,905
		9,807,089
<b>Real estate – 8.7%</b>		
<b>Equity real estate investment trusts – 7.8%</b>		
American Campus Communities, Inc.	16,850	787,232
Apartment Investment and Management Company, Class A	59,719	400,714
EastGroup Properties, Inc.	8,500	1,397,825
Essential Properties Realty Trust, Inc.	20,851	563,811
Healthcare Realty Trust, Inc.	33,183	1,002,127
JBG SMITH Properties	40,454	1,274,706
PotlatchDeltic Corp.	24,450	1,299,518
PS Business Parks, Inc.	6,590	975,847
Safehold, Inc.	8,800	690,800
Saul Centers, Inc.	25,254	1,147,794
Sunstone Hotel Investors, Inc. (A)	124,867	1,550,848
Terreno Realty Corp.	27,065	1,746,234
Washington Real Estate Investment Trust	30,849	709,527
		13,546,983
<b>Real estate management and development – 0.9%</b>		
The St. Joe Company	36,936	1,647,715
		15,194,698
<b>Utilities – 4.0%</b>		
<b>Electric utilities – 1.2%</b>		
IDACORP, Inc.	9,801	955,598
MGE Energy, Inc.	15,352	1,142,803
		2,098,401
<b>Gas utilities – 1.9%</b>		
Chesapeake Utilities Corp.	16,647	2,003,134
ONE Gas, Inc.	16,378	1,213,937
		3,217,071
<b>Multi-utilities – 0.3%</b>		
NorthWestern Corp.	8,500	511,870
<b>Water utilities – 0.6%</b>		
California Water Service Group	18,676	1,037,265
		6,864,607
<b>TOTAL COMMON STOCKS (Cost \$116,400,499)</b>		<b>\$ 170,394,106</b>

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>WARRANTS – 0.0%</b>		
Advantage Solutions, Inc. (Expiration Date: 10-28-25; Strike Price: \$11.50) (A)		
	4,703	\$ 11,710
<b>TOTAL WARRANTS (Cost \$6,099)</b>		<b>\$ 11,710</b>
<b>SHORT-TERM INVESTMENTS – 2.3%</b>		
<b>Short-term funds – 2.3%</b>		
John Hancock Collateral Trust, 0.0324% (C)(D)		
	51,594	516,177
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (C)		
	500,063	500,063
T. Rowe Price Government Reserve Fund, 0.0295% (C)		
	2,985,047	2,985,047
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$4,001,292)</b>		<b>\$ 4,001,287</b>
<b>Total Investments (Small Company Value Trust) (Cost \$120,407,890) – 100.3%</b>		
<b>Other assets and liabilities, net – (0.3%)</b>		
<b>TOTAL NET ASSETS – 100.0%</b>		
		<b>\$ 173,818,123</b>

### Security Abbreviations and Legend

- (A) Non-income producing security.  
(B) All or a portion of this security is on loan as of 6-30-21.  
(C) The rate shown is the annualized seven-day yield as of 6-30-21.  
(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
<b>COMMON STOCKS – 94.8%</b>		
<b>Communication services – 7.7%</b>		
<b>Diversified telecommunication services – 1.3%</b>		
Anterix, Inc. (A)	2,009	\$ 120,520
AT&T, Inc.	970,059	27,918,298
ATN International, Inc.	1,985	90,298
Bandwidth, Inc., Class A (A)	3,872	534,026
BT Group PLC (A)	1,451,743	3,901,339
Cellnex Telecom SA (A)(B)	82,874	5,285,807
Cincinnati Bell, Inc. (A)	8,721	134,478
Cogent Communications Holdings, Inc. Consolidated Communications Holdings, Inc. (A)	7,104	546,227
Deutsche Telekom AG	12,758	112,143
Elisa OYJ	542,116	11,465,755
Globalstar, Inc. (A)	23,134	1,380,535
HKT Trust & HKT, Ltd.	103,242	183,771
HKT Trust & HKT, Ltd.	616,421	839,611
IDT Corp., Class B (A)	3,547	131,097
Iliad SA	2,412	353,402
Infrastruttura Wireless Italiana SpA (B)	54,663	617,280
Iridium Communications, Inc. (A)	52,207	2,087,758
Koninklijke KPN NV	546,867	1,710,410
Liberty Latin America, Ltd., Class A (A)	10,763	149,175
Liberty Latin America, Ltd., Class C (A)	22,862	322,354
Lumen Technologies, Inc.	135,152	1,836,716
Nippon Telegraph & Telephone Corp.	209,416	5,475,219
Ooma, Inc. (A)	4,124	77,779
Orange SA	324,492	3,703,358
ORBCOMM, Inc. (A)	12,961	145,682
Proximus SADP	24,740	478,200
Radius Global Infrastructure, Inc., Class A (A)	7,750	112,375

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified telecommunication services (continued)</b>		
Singapore Telecommunications, Ltd.	1,084,233	\$ 1,849,826
Singapore Telecommunications, Ltd.	258,829	439,364
Spark New Zealand, Ltd.	301,197	1,011,026
Swisscom AG	4,213	2,407,259
Telecom Italia SpA	1,620,838	806,477
Telecom Italia SpA, Savings Shares	980,259	519,975
Telefonica Deutschland Holding AG	169,330	446,984
Telefonica SA	849,436	3,964,722
Telenor ASA	113,811	1,919,428
Telia Company AB	432,359	1,920,305
Telstra Corp., Ltd.	677,056	1,909,560
United Internet AG	15,777	645,233
Verizon Communications, Inc.	562,480	31,515,754
		119,069,526
<b>Entertainment – 1.4%</b>		
Activision Blizzard, Inc.	105,568	10,075,410
AMC Entertainment Holdings, Inc., Class A (A)(C)	68,538	3,884,734
Bollore SA	143,765	771,207
Capcom Company, Ltd.	28,600	835,938
Chicken Soup For The Soul Entertainment, Inc. (A)	2,202	91,163
Cinemark Holdings, Inc. (A)	47,922	1,051,888
CuriosityStream, Inc. (A)	4,717	64,340
Electronic Arts, Inc.	38,883	5,592,542
Embracer Group AB (A)	41,712	1,127,824
Eros STX Global Corp. (A)(C)	55,782	85,346
IMAX Corp. (A)	8,443	181,525
Koei Tecmo Holdings Company, Ltd.	9,600	466,724
Konami Holdings Corp.	15,209	910,865
Liberty Media Corp.-Liberty Braves, Class A (A)	3,662	103,342
Liberty Media Corp.-Liberty Braves, Class C (A)	4,520	125,520
Lions Gate Entertainment Corp., Class A (A)	9,166	189,736
Lions Gate Entertainment Corp., Class B (A)	20,151	368,763
Live Nation Entertainment, Inc. (A)	19,628	1,719,217
Madison Square Garden Entertainment Corp. (A)	3,193	268,116
Netflix, Inc. (A)	60,242	31,820,427
Nexon Company, Ltd.	79,406	1,767,142
Nintendo Company, Ltd.	18,239	10,554,414
Sea, Ltd., ADR (A)	2,200	604,120
Square Enix Holdings Company, Ltd.	14,000	691,388
Take-Two Interactive Software, Inc. (A)	15,713	2,781,515
The Marcus Corp. (A)(C)	4,188	88,827
The Walt Disney Company (A)	246,853	43,389,352
Toho Company, Ltd.	18,208	750,751
Ubisoft Entertainment SA (A)	15,064	1,052,486
Vivendi SE (C)	115,741	3,888,796
World Wrestling Entertainment, Inc., Class A	12,362	715,636
		126,019,054
<b>Interactive media and services – 3.5%</b>		
Adevinta ASA (A)	44,563	854,850
Alphabet, Inc., Class A (A)	40,860	99,771,539
Alphabet, Inc., Class C (A)	38,687	96,962,002
Auto Trader Group PLC (A)(B)	157,147	1,376,294
CarGurus, Inc. (A)	15,683	411,365
Cars.com, Inc. (A)	11,604	166,285
Eventbrite, Inc., Class A (A)	12,657	240,483
EverQuote, Inc., Class A (A)	3,289	107,485
Facebook, Inc., Class A (A)	325,533	113,191,079

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Interactive media and services (continued)</b>		
FuboTV, Inc. (A)	22,170	\$ 711,879
Kakaku.com, Inc.	21,900	658,842
Liberty TripAdvisor Holdings, Inc., Class A (A)	13,882	56,500
MediaAlpha, Inc., Class A (A)	3,496	147,182
QuinStreet, Inc. (A)	8,533	158,543
REA Group, Ltd.	8,596	1,089,193
Scout24 AG (B)	14,571	1,229,410
SEEK, Ltd.	54,549	1,356,033
TripAdvisor, Inc. (A)	26,779	1,079,194
TrueCar, Inc. (A)	17,493	98,835
Twitter, Inc. (A)	108,435	7,461,412
Yelp, Inc. (A)	31,236	1,248,191
Z Holdings Corp.	431,554	2,159,694
		330,536,290
<b>Media – 1.0%</b>		
Advantage Solutions, Inc. (A)	12,890	139,083
AMC Networks, Inc., Class A (A)	4,920	328,656
Audacy, Inc. (A)	20,632	88,924
Boston Omaha Corp., Class A (A)	3,091	98,016
Cable One, Inc.	1,483	2,836,697
Cardlytics, Inc. (A)	5,393	684,533
Charter Communications, Inc., Class A (A)	18,712	13,499,772
Clear Channel Outdoor Holdings, Inc. (A)	62,349	164,601
Comcast Corp., Class A	622,909	35,518,271
comScore, Inc. (A)	13,402	67,010
CyberAgent, Inc.	65,800	1,409,243
Daily Journal Corp. (A)	225	76,163
Dentsu Group, Inc. (C)	35,165	1,261,641
Discovery, Inc., Series A (A)(C)	22,913	702,971
Discovery, Inc., Series C (A)	40,819	1,182,935
DISH Network Corp., Class A (A)	33,757	1,411,043
Entrevision Communications Corp., Class A	11,420	76,286
Fox Corp., Class A	44,419	1,649,277
Fox Corp., Class B	20,646	726,739
Gannett Company, Inc. (A)	24,111	132,369
Gray Television, Inc.	14,294	334,480
Hakuhodo DY Holdings, Inc.	37,973	591,414
iHeartMedia, Inc., Class A (A)	18,819	506,796
Informa PLC (A)	244,325	1,697,999
John Wiley & Sons, Inc., Class A	18,937	1,139,629
Loral Space & Communications, Inc.	2,344	91,064
MDC Partners, Inc., Class A (A)	12,174	71,218
Meredith Corp. (A)	6,707	291,352
MSG Networks, Inc., Class A (A)	5,380	78,440
National CineMedia, Inc.	12,012	60,901
News Corp., Class A	53,147	1,369,598
News Corp., Class B	16,544	402,846
Omnicom Group, Inc.	29,221	2,337,388
Pearson PLC	122,587	1,411,701
Publicis Groupe SA	36,266	2,320,842
Schibsted ASA, B Shares	15,835	658,229
Schibsted ASA, Class A	11,893	573,732
Scholastic Corp.	4,894	185,434
Sinclair Broadcast Group, Inc., Class A	7,882	261,840
TechTarget, Inc. (A)	4,288	332,277
TEGNA, Inc.	97,158	1,822,684
The EW Scripps Company, Class A	9,832	200,474
The Interpublic Group of Companies, Inc.	53,445	1,736,428
The New York Times Company, Class A	39,668	1,727,541
ViacomCBS, Inc., Class B	82,277	3,718,920
WideOpenWest, Inc. (A)	8,957	185,499
WPP PLC	199,299	2,694,095
		88,857,051

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Wireless telecommunication services – 0.5%</b>		
Gogo, Inc. (A)	10,194	\$ 116,008
KDDI Corp.	262,343	8,173,475
Shenandoah Telecommunications Company	8,208	398,170
SoftBank Corp.	467,200	6,108,633
SoftBank Group Corp.	203,974	14,225,516
Tele2 AB, B Shares (C)	81,461	1,110,634
Telephone & Data Systems, Inc.	43,958	996,088
T-Mobile US, Inc. (A)	79,618	11,531,075
United States Cellular Corp. (A)	2,522	91,574
Vodafone Group PLC	4,364,588	7,315,173
		<u>50,066,346</u>
		714,548,267
<b>Consumer discretionary – 11.9%</b>		
<b>Auto components – 0.5%</b>		
Adient PLC (A)	41,658	1,882,942
Aisin Corp.	23,958	1,027,258
American Axle & Manufacturing Holdings, Inc. (A)	19,031	196,971
Aptiv PLC (A)	36,746	5,781,248
BorgWarner, Inc.	32,586	1,581,724
Bridgestone Corp. (C)	92,906	4,222,797
Cie Generale des Etablissements Michelin SCA	27,556	4,397,809
Continental AG	17,892	2,632,292
Cooper-Standard Holdings, Inc. (A)	3,020	87,580
Dana, Inc.	64,049	1,521,804
Denso Corp.	70,495	4,807,159
Dorman Products, Inc. (A)	4,488	465,271
Faurecia SE	19,084	938,174
Fox Factory Holding Corp. (A)	18,565	2,889,828
Gentex Corp.	65,970	2,182,947
Gentherm, Inc. (A)	5,597	397,667
Koito Manufacturing Company, Ltd.	16,966	1,055,671
LCI Industries	4,156	546,182
Lear Corp.	14,947	2,619,910
Modine Manufacturing Company (A)	8,842	146,689
Motorcar Parts of America, Inc. (A)	3,696	82,938
Patrick Industries, Inc.	3,855	281,415
Standard Motor Products, Inc.	3,404	147,563
Stanley Electric Company, Ltd.	21,167	611,541
Stoneridge, Inc. (A)	4,492	132,514
Sumitomo Electric Industries, Ltd.	122,643	1,811,427
Tenneco, Inc., Class A (A)	11,926	230,410
The Goodyear Tire & Rubber Company (A)	122,629	2,103,087
Toyota Industries Corp.	23,853	2,062,691
Valeo SA	37,350	1,126,606
Visteon Corp. (A)	12,286	1,485,869
XL Fleet Corp. (A)(C)	6,822	56,827
XPEL, Inc. (A)	3,031	254,210
		<u>49,769,021</u>
<b>Automobiles – 1.9%</b>		
Arcimoto, Inc. (A)(C)	4,909	84,386
Bayerische Motoren Werke AG	53,853	5,709,254
Canoo, Inc. (A)(C)	13,676	135,939
Daimler AG	139,207	12,439,342
Ferrari NV	20,502	4,232,559
Fisker, Inc. (A)	26,775	516,222
Ford Motor Company (A)	532,688	7,915,744
General Motors Company (A)	173,441	10,262,504
Harley-Davidson, Inc.	41,970	1,923,065
Honda Motor Company, Ltd.	265,173	8,528,821
Isuzu Motors, Ltd.	89,746	1,190,899
Lordstown Motors Corp., Class A (A)	19,061	210,815

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Automobiles (continued)</b>		
Mazda Motor Corp. (A)	92,500	\$ 872,691
Nissan Motor Company, Ltd. (A)	377,576	1,880,964
Renault SA (A)	31,265	1,267,404
Stellantis NV	329,847	6,489,207
Subaru Corp.	100,127	1,984,466
Suzuki Motor Corp.	59,943	2,540,359
Tesla, Inc. (A)	104,704	71,167,309
Thor Industries, Inc.	15,122	1,708,786
Toyota Motor Corp.	345,000	30,157,842
Volkswagen AG	5,280	1,735,353
Winnebago Industries, Inc.	5,417	368,139
Workhorse Group, Inc. (A)(C)	21,021	348,738
Yamaha Motor Company, Ltd.	45,513	1,236,232
		<u>174,907,040</u>
<b>Distributors – 0.1%</b>		
Core-Mark Holding Company, Inc.	7,567	340,591
Funko, Inc., Class A (A)(C)	4,582	97,505
Genuine Parts Company	19,628	2,482,353
LKQ Corp. (A)	37,768	1,858,941
Pool Corp.	5,452	2,500,614
		<u>7,280,004</u>
<b>Diversified consumer services – 0.1%</b>		
2U, Inc. (A)	12,151	506,332
Adtalem Global Education, Inc. (A)	21,857	778,983
American Public Education, Inc. (A)	3,383	95,874
Carrriage Services, Inc.	3,005	111,095
Coursera, Inc. (A)	2,046	80,940
Graham Holdings Company, Class B	1,741	1,103,620
Grand Canyon Education, Inc. (A)	12,658	1,138,840
H&R Block, Inc.	49,553	1,163,504
Houghton Mifflin Harcourt Company (A)	21,635	238,850
Laureate Education, Inc., Class A (A)	18,131	263,081
OneSpaWorld Holdings, Ltd. (A)	9,648	93,489
Perdoceo Education Corp. (A)	12,292	150,823
Service Corp. International	45,924	2,461,067
Strategic Education, Inc.	10,901	829,130
Stride, Inc. (A)	6,841	219,801
Vivint Smart Home, Inc. (A)	15,688	207,082
WW International, Inc. (A)	22,008	795,369
		<u>10,237,880</u>
<b>Hotels, restaurants and leisure – 1.8%</b>		
Accel Entertainment, Inc. (A)	9,831	116,694
Accor SA (A)	27,634	1,033,611
Aristocrat Leisure, Ltd.	93,473	3,017,544
Bally's Corp. (A)	5,499	297,551
BJ's Restaurants, Inc. (A)	3,945	193,857
Bloomin' Brands, Inc. (A)	15,030	407,914
Bluegreen Vacations Holding Corp. (A)	3,418	61,524
Booking Holdings, Inc. (A)	5,578	12,205,166
Boyd Gaming Corp. (A)	22,041	1,355,301
Brinker International, Inc. (A)	7,654	473,400
Caesars Entertainment, Inc. (A)	28,354	2,941,728
Carnival Corp. (A)	108,459	2,858,979
Century Casinos, Inc. (A)	5,247	70,467
Chipotle Mexican Grill, Inc. (A)	3,825	5,930,051
Choice Hotels International, Inc.	7,891	937,924
Churchill Downs, Inc.	9,469	1,877,324
Chuy's Holdings, Inc. (A)	3,537	131,789
Compass Group PLC (A)	290,148	6,112,812
Cracker Barrel Old Country Store, Inc.	10,479	1,555,712
Crown Resorts, Ltd. (A)	60,575	540,689
Darden Restaurants, Inc.	17,777	2,595,264
Dave & Buster's Entertainment, Inc. (A)	7,331	297,639
Del Taco Restaurants, Inc.	6,183	61,892



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Denny's Corp. (A)	11,144	\$ 183,765
Dine Brands Global, Inc. (A)	2,724	243,117
Domino's Pizza Enterprises, Ltd.	9,851	890,807
Domino's Pizza, Inc.	5,275	2,460,735
Drive Shack, Inc. (A)	15,281	50,580
El Pollo Loco Holdings, Inc. (A)	3,912	71,550
Entain PLC (A)	95,188	2,300,086
Everi Holdings, Inc. (A)	14,099	351,629
Evolution AB (B)	27,628	4,370,253
Expedia Group, Inc. (A)	19,217	3,146,015
Fiesta Restaurant Group, Inc. (A)	3,571	47,959
Flutter Entertainment PLC (A)	27,070	4,908,501
Full House Resorts, Inc. (A)	6,187	61,499
Galaxy Entertainment Group, Ltd. (A)	353,153	2,823,841
GAN, Ltd. (A)	7,045	115,820
Genting Singapore, Ltd.	983,521	612,606
Golden Entertainment, Inc. (A)	2,984	133,683
Golden Nugget Online Gaming, Inc. (A)	5,742	73,268
Hilton Grand Vacations, Inc. (A)	14,358	594,278
Hilton Worldwide Holdings, Inc. (A)	37,842	4,564,502
InterContinental Hotels Group PLC (A)	29,709	1,980,122
International Game Technology PLC (A)	16,799	402,504
Jack in the Box, Inc.	9,960	1,109,942
La Francaise des Jeux SAEM (B)	15,533	913,614
Las Vegas Sands Corp. (A)	44,632	2,351,660
Lindblad Expeditions Holdings, Inc. (A)	5,490	87,895
Marriott International, Inc., Class A (A)	36,279	4,952,809
Marriott Vacations Worldwide Corp. (A)	11,661	1,857,597
McDonald's Corp.	101,377	23,417,073
McDonald's Holdings Company Japan, Ltd.	12,961	571,148
Melco Resorts & Entertainment, Ltd., ADR (A)	34,900	578,293
MGM Resorts International	55,316	2,359,227
Monarch Casino & Resort, Inc. (A)	2,294	151,794
NeoGames SA (A)	973	59,810
Noodles & Company (A)	7,601	94,860
Norwegian Cruise Line Holdings, Ltd. (A)	50,260	1,478,147
Oriental Land Company, Ltd.	32,500	4,630,131
Papa John's International, Inc.	14,631	1,528,062
Penn National Gaming, Inc. (A)	20,181	1,543,645
PlayAGS, Inc. (A)	5,031	49,807
RCI Hospitality Holdings, Inc.	1,504	99,565
Red Robin Gourmet Burgers, Inc. (A)	2,828	93,635
Red Rock Resorts, Inc., Class A (A)	10,417	442,723
Royal Caribbean Cruises, Ltd. (A)	29,744	2,536,568
Rush Street Interactive, Inc. (A)	9,046	110,904
Ruth's Hospitality Group, Inc. (A)	5,969	137,466
Sands China, Ltd. (A)	394,682	1,661,279
Scientific Games Corp. (A)	31,680	2,453,299
SeaWorld Entertainment, Inc. (A)	8,653	432,131
Shake Shack, Inc., Class A (A)	6,305	674,761
Six Flags Entertainment Corp. (A)	20,757	898,363
SJM Holdings, Ltd. (A)	322,826	352,388
Sodexo SA (A)	14,390	1,344,884
Starbucks Corp.	160,087	17,899,327
Tabcorp Holdings, Ltd.	360,620	1,399,187
Texas Roadhouse, Inc.	29,695	2,856,659
The Cheesecake Factory, Inc. (A)	7,346	398,006
The Wendy's Company	48,367	1,132,755
Travel + Leisure Company	23,539	1,399,394
Whitbread PLC (A)	32,829	1,419,129
Wingstop, Inc.	13,154	2,073,465
Wyndham Hotels & Resorts, Inc.	25,510	1,844,118
Wynn Macau, Ltd. (A)	253,870	399,311

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Wynn Resorts, Ltd. (A)	14,299	\$ 1,748,768
Yum! Brands, Inc.	40,473	4,655,609
		171,661,160
<b>Household durables – 0.8%</b>		
Aterian, Inc. (A)	3,528	51,615
Barratt Developments PLC	165,629	1,594,789
Bassett Furniture Industries, Inc.	1,870	45,535
Beazer Homes USA, Inc. (A)	5,055	97,511
Casio Computer Company, Ltd.	31,548	529,364
Casper Sleep, Inc. (A)	5,759	47,454
Cavco Industries, Inc. (A)	1,573	349,505
Century Communities, Inc.	5,053	336,227
D.R. Horton, Inc.	44,569	4,027,701
Electrolux AB, Series B	36,685	1,016,612
Ethan Allen Interiors, Inc.	4,055	111,918
Flexsteel Industries, Inc.	1,307	52,790
Garmin, Ltd.	20,362	2,945,160
GoPro, Inc., Class A (A)	20,868	243,112
Green Brick Partners, Inc. (A)	5,332	121,250
Hamilton Beach Brands Holding Company, Class B	853	18,996
Helen of Troy, Ltd. (A)	10,775	2,457,993
Hooker Furniture Corp.	2,266	78,494
Hovnanian Enterprises, Inc., Class A (A)	879	93,429
Husqvarna AB, B Shares	68,018	903,975
Iida Group Holdings Company, Ltd.	23,900	614,756
Installed Building Products, Inc.	4,008	490,419
iRobot Corp. (A)	4,671	436,225
KB Home	39,235	1,597,649
La-Z-Boy, Inc.	7,649	283,319
Leggett & Platt, Inc.	18,102	937,865
Lennar Corp., A Shares	37,466	3,722,247
LGI Homes, Inc. (A)	3,744	606,303
M/I Homes, Inc. (A)	4,759	279,211
MDC Holdings, Inc.	9,562	483,837
Meritage Homes Corp. (A)	6,258	588,753
Mohawk Industries, Inc. (A)	7,955	1,528,871
Newell Brands, Inc.	51,426	1,412,672
NVR, Inc. (A)	464	2,307,611
Panasonic Corp.	359,209	4,136,117
Persimmon PLC	51,897	2,125,888
PulteGroup, Inc.	35,933	1,960,864
Purple Innovation, Inc. (A)	8,478	223,904
Rinnai Corp.	5,878	559,480
SEB SA	4,500	814,065
Sekisui Chemical Company, Ltd.	62,044	1,062,318
Sekisui House, Ltd.	100,226	2,058,117
Sharp Corp.	34,800	574,121
Skyline Champion Corp. (A)	8,945	476,769
Sonos, Inc. (A)	20,248	713,337
Sony Group Corp.	205,100	19,887,976
Taylor Morrison Home Corp. (A)	56,007	1,479,705
Taylor Wimpey PLC	592,948	1,304,923
Tempur Sealy International, Inc.	50,027	1,960,558
The Berkeley Group Holdings PLC	19,969	1,269,723
The Lovesac Company (A)	2,173	173,384
Toll Brothers, Inc.	30,664	1,772,686
TopBuild Corp. (A)	9,030	1,785,953
Tri Pointe Homes, Inc. (A)	52,015	1,114,681
Tupperware Brands Corp. (A)	8,501	201,899
Universal Electronics, Inc. (A)	2,374	115,139
Vuzix Corp. (A)	9,948	182,546
Whirlpool Corp.	8,508	1,854,914
		78,222,235

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Internet and direct marketing retail – 2.6%</b>		
1-800-Flowers.com, Inc., Class A (A)	4,482	\$ 142,841
Amazon.com, Inc. (A)	58,241	200,358,359
CarParts.com, Inc. (A)	8,121	165,344
Delivery Hero SE (A)(B)	25,542	3,374,765
eBay, Inc.	87,930	6,173,565
Etsy, Inc. (A)	17,269	3,554,651
Groupon, Inc. (A)	3,950	170,482
HelloFresh SE (A)	26,865	2,611,521
Just Eat Takeaway.com NV (A)(B)	29,178	2,698,486
Lands' End, Inc. (A)	2,501	102,666
Liquidity Services, Inc. (A)	4,583	116,637
Magnite, Inc. (A)	17,715	599,476
Mercari, Inc. (A)	16,600	877,533
Ocado Group PLC (A)	79,166	2,193,522
Overstock.com, Inc. (A)	7,236	667,159
PetMed Express, Inc. (C)	3,494	111,284
Porch Group, Inc. (A)	2,790	53,959
Prosus NV (A)	79,275	7,766,379
Quotient Technology, Inc. (A)	15,101	163,242
Rakuten Group, Inc.	140,805	1,589,850
Revolve Group, Inc. (A)	6,049	416,776
Shutterstock, Inc.	3,931	385,906
Stamps.com, Inc. (A)	2,985	597,866
Stitch Fix, Inc., Class A (A)	9,970	601,191
The RealReal, Inc. (A)	13,345	263,697
Zalando SE (A)(B)	26,987	3,263,806
Zalando SE (Nasdaq Stockholm Exchange) (A)(B)	8,375	1,014,082
ZOZO, Inc.	20,300	688,286
		240,723,331
<b>Leisure products – 0.2%</b>		
Acushnet Holdings Corp.	5,711	282,123
American Outdoor Brands, Inc. (A)	2,578	90,591
AMMO, Inc. (A)	11,555	113,123
Bandai Namco Holdings, Inc.	32,493	2,248,820
Brunswick Corp.	21,276	2,119,515
Callaway Golf Company (A)	51,181	1,726,335
Clarus Corp.	4,467	114,802
Genius Brands International, Inc. (A)	49,112	90,366
Hasbro, Inc.	17,382	1,642,947
Johnson Outdoors, Inc., Class A	927	112,167
Latham Group, Inc. (A)	3,942	125,986
Malibu Boats, Inc., Class A (A)	3,528	258,708
MasterCraft Boat Holdings, Inc. (A)	3,518	92,488
Mattel, Inc. (A)	95,260	1,914,726
Nautilus, Inc. (A)	5,202	87,654
Polaris, Inc.	15,723	2,153,422
Shimano, Inc.	12,081	2,874,359
Smith & Wesson Brands, Inc.	8,903	308,934
Sturm Ruger & Company, Inc.	2,817	253,474
Vista Outdoor, Inc. (A)	9,820	454,470
Yamaha Corp.	21,773	1,182,000
YETI Holdings, Inc. (A)	20,492	1,881,575
		20,128,585
<b>Multiline retail – 0.5%</b>		
Big Lots, Inc.	5,848	386,026
Dillard's, Inc., Class A (C)	1,060	191,733
Dollar General Corp.	32,091	6,944,171
Dollar Tree, Inc. (A)	31,514	3,135,643
Franchise Group, Inc.	4,917	173,423
Kohl's Corp.	42,671	2,351,599
Macy's, Inc. (A)	52,805	1,001,183
Next PLC (A)	21,624	2,353,421
Nordstrom, Inc. (A)	29,733	1,087,336
Ollie's Bargain Outlet Holdings, Inc. (A)	15,513	1,305,109

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Multiline retail (continued)</b>		
Pan Pacific International Holdings Corp.	67,000	\$ 1,393,263
Ryohin Keikaku Company, Ltd.	41,060	861,359
Target Corp.	67,214	16,248,312
Wesfarmers, Ltd.	184,419	8,175,856
		45,608,434
<b>Specialty retail – 1.8%</b>		
ABC-Mart, Inc.	5,364	308,513
Abercrombie & Fitch Company, Class A (A)	10,284	477,486
Academy Sports & Outdoors, Inc. (A)	10,441	430,587
Advance Auto Parts, Inc.	8,891	1,823,900
American Eagle Outfitters, Inc.	66,675	2,502,313
America's Car-Mart, Inc. (A)	1,068	151,357
Asbury Automotive Group, Inc. (A)	3,261	558,838
At Home Group, Inc. (A)	11,063	407,561
AutoNation, Inc. (A)	14,727	1,396,267
AutoZone, Inc. (A)	2,937	4,382,650
Barnes & Noble Education, Inc. (A)	7,169	51,688
Bed Bath & Beyond, Inc. (A)	18,492	615,599
Best Buy Company, Inc.	30,287	3,482,399
Big 5 Sporting Goods Corp.	3,670	94,246
Blink Charging Company (A)	6,218	255,995
Boot Barn Holdings, Inc. (A)	4,847	407,390
Caleres, Inc.	6,378	174,056
Camping World Holdings, Inc., Class A	7,201	295,169
CarMax, Inc. (A)	22,166	2,862,739
Chico's FAS, Inc. (A)	20,661	135,949
Chow Tai Fook Jewellery Group, Ltd.	325,200	743,025
Citi Trends, Inc. (A)	1,535	133,545
Conn's, Inc. (A)	3,115	79,433
Designer Brands, Inc., Class A (A)	10,163	168,198
Dick's Sporting Goods, Inc.	17,899	1,793,301
Fast Retailing Company, Ltd.	9,446	7,100,441
Five Below, Inc. (A)	15,293	2,955,678
Foot Locker, Inc.	28,208	1,738,459
Genesco, Inc. (A)	2,536	161,492
Group 1 Automotive, Inc.	2,967	458,194
GrowGeneration Corp. (A)	9,179	441,510
Guess?, Inc.	6,786	179,150
Haverty Furniture Companies, Inc.	2,965	126,783
Hennes & Mauritz AB, B Shares (A)	118,789	2,821,170
Hibbett, Inc. (A)	2,777	248,903
Hikari Tsushin, Inc.	3,400	597,536
Industria de Diseno Textil SA	177,423	6,264,240
JD Sports Fashion PLC	83,898	1,067,656
Kingfisher PLC	343,313	1,732,733
Kirkland's, Inc. (A)	2,622	59,991
L Brands, Inc.	31,829	2,293,598
Lithia Motors, Inc.	8,127	2,792,762
Lowe's Companies, Inc.	96,040	18,628,879
Lumber Liquidators Holdings, Inc. (A)	5,060	106,766
MarineMax, Inc. (A)	3,666	178,681
Monro, Inc.	5,649	358,768
Murphy USA, Inc.	11,069	1,476,273
National Vision Holdings, Inc. (A)	13,805	705,850
Nitori Holdings Company, Ltd.	13,011	2,297,704
OneWater Marine, Inc., Class A	1,912	80,361
O'Reilly Automotive, Inc. (A)	9,478	5,366,538
Party City Holdco, Inc. (A)	18,789	175,301
Rent-A-Center, Inc.	11,136	590,988
RH (A)	4,595	3,120,005
Ross Stores, Inc.	48,450	6,007,800
Sally Beauty Holdings, Inc. (A)	19,150	422,641
Shift Technologies, Inc. (A)	11,131	95,504
Shoe Carnival, Inc.	1,494	106,955

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
Signet Jewelers, Ltd. (A)	8,806	\$ 711,437
Sleep Number Corp. (A)	4,010	440,900
Sonic Automotive, Inc., Class A	3,746	167,596
Sportsman's Warehouse Holdings, Inc. (A)	7,536	133,915
The Aaron's Company, Inc.	5,778	184,838
The Buckle, Inc.	5,011	249,297
The Cato Corp., Class A	3,844	64,848
The Children's Place, Inc. (A)	2,373	220,831
The Container Store Group, Inc. (A)	5,791	75,515
The Gap, Inc.	28,216	949,468
The Home Depot, Inc.	144,457	46,065,893
The ODP Corp. (A)	8,222	394,738
The TJX Companies, Inc.	163,850	11,046,767
Tilly's, Inc., Class A	4,371	69,849
Tractor Supply Company	15,659	2,913,514
TravelCenters of America, Inc. (A)	2,394	70,001
Ulta Beauty, Inc. (A)	7,440	2,572,529
Urban Outfitters, Inc. (A)	30,275	1,247,936
USS Company, Ltd.	35,648	623,141
Williams-Sonoma, Inc.	20,810	3,322,317
Winmark Corp.	631	121,202
Yamada Holdings Company, Ltd.	110,008	508,690
Zumiez, Inc. (A)	3,717	182,096
		166,828,832
<b>Textiles, apparel and luxury goods – 1.6%</b>		
adidas AG	30,968	11,555,944
Burberry Group PLC (A)	65,841	1,882,999
Capri Holdings, Ltd. (A)	41,331	2,363,720
Carter's, Inc.	12,006	1,238,659
Cie Financiere Richemont SA, A Shares	84,903	10,292,669
Columbia Sportswear Company	8,349	821,208
Crocs, Inc. (A)	28,679	3,341,677
Deckers Outdoor Corp. (A)	7,596	2,917,396
EssilorLuxottica SA	46,412	8,573,838
Fossil Group, Inc. (A)	8,237	117,624
G-III Apparel Group, Ltd. (A)	7,558	248,356
Hanesbrands, Inc.	47,431	885,537
Hermes International	5,151	7,516,915
Kering SA	12,201	10,690,726
Kontoor Brands, Inc.	8,707	491,162
LVMH Moet Hennessy Louis Vuitton SE	45,154	35,520,700
Moncler SpA	31,516	2,136,404
Movado Group, Inc.	2,795	87,959
NIKE, Inc., Class B	173,219	26,760,603
Oxford Industries, Inc.	2,723	269,141
Pandora A/S	16,265	2,194,374
PLBY Group, Inc. (A)(C)	1,884	73,269
Puma SE	17,172	2,049,494
PVH Corp. (A)	9,682	1,041,686
Ralph Lauren Corp.	6,555	772,245
Rocky Brands, Inc.	1,323	73,559
Skechers USA, Inc., Class A (A)	36,646	1,826,070
Steven Madden, Ltd.	13,729	600,781
Tapestry, Inc. (A)	37,886	1,647,283
The Swatch Group AG	8,562	565,354
The Swatch Group AG, Bearer Shares	4,705	1,615,766
Under Armour, Inc., Class A (A)	25,626	541,990
Under Armour, Inc., Class C (A)	26,696	495,745
Unifi, Inc. (A)	2,388	58,172
Vera Bradley, Inc. (A)	5,141	63,697
VF Corp.	43,689	3,584,246
Wolverine World Wide, Inc.	13,664	459,657
		145,376,625
		1,110,743,147

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Consumer staples – 6.6%</b>		
<b>Beverages – 1.5%</b>		
Anheuser-Busch InBev SA/NV	123,933	\$ 8,934,182
Asahi Group Holdings, Ltd. (C)	74,181	3,467,125
Brown-Forman Corp., Class B	24,816	1,859,711
Budweiser Brewing Company APAC, Ltd. (B)	280,000	881,651
Carlsberg A/S, Class B	16,755	3,126,750
Celsius Holdings, Inc. (A)	7,713	586,882
Coca-Cola Consolidated, Inc.	800	321,704
Coca-Cola Europacific Partners PLC	68,358	4,054,997
Coca-Cola HBC AG	32,592	1,179,721
Constellation Brands, Inc., Class A	22,961	5,370,348
Davide Campari-Milano NV	85,022	1,139,651
Diageo PLC	380,554	18,239,376
Duckhorn Portfolio, Inc. (A)	3,280	72,357
Heineken Holding NV	18,740	1,891,030
Heineken NV	42,159	5,118,076
Ito En, Ltd.	8,700	516,344
Kirin Holdings Company, Ltd.	133,792	2,611,060
MGP Ingredients, Inc.	2,398	162,201
Molson Coors Beverage Company, Class B (A)	25,591	1,373,981
Monster Beverage Corp. (A)	50,268	4,591,982
National Beverage Corp.	3,993	188,589
NewAge, Inc. (A)(C)	24,661	54,994
PepsiCo, Inc.	187,712	27,813,287
Pernod Ricard SA	34,075	7,573,589
Primo Water Corp.	26,127	437,105
Remy Cointreau SA	3,696	763,307
Suntory Beverage & Food, Ltd. (C)	22,659	854,070
The Boston Beer Company, Inc., Class A (A)	2,540	2,592,832
The Coca-Cola Company	527,216	28,527,658
Treasury Wine Estates, Ltd.	117,342	1,027,481
		135,332,041
<b>Food and staples retailing – 1.2%</b>		
Aeon Company, Ltd.	106,378	2,855,690
BJ's Wholesale Club Holdings, Inc. (A)	60,416	2,874,593
Carrefour SA	99,739	1,962,805
Casey's General Stores, Inc.	10,091	1,964,112
Coles Group, Ltd.	216,964	2,779,252
Cosmos Pharmaceutical Corp.	3,300	484,871
Costco Wholesale Corp.	60,061	23,764,336
Endeavour Group, Ltd. (A)	205,812	970,854
Etablissements Franz Colruyt NV	8,858	495,597
Grocery Outlet Holding Corp. (A)	23,787	824,457
ICA Gruppen AB	16,358	761,482
Ingles Markets, Inc., Class A	2,754	160,476
J Sainsbury PLC	271,353	1,021,338
Jeronimo Martins SGPS SA	40,943	747,109
Kesko OYJ, B Shares	44,425	1,640,455
Kobe Bussan Company, Ltd.	22,200	699,443
Koninklijke Ahold Delhaize NV	170,080	5,064,906
Lawson, Inc.	8,189	379,286
Performance Food Group Company (A)	22,223	1,077,593
PriceSmart, Inc.	3,951	359,581
Rite Aid Corp. (A)	9,321	151,932
Seven & i Holdings Company, Ltd.	122,529	5,869,239
SpartanNash Company	6,507	125,650
Sprouts Farmers Market, Inc. (A)	52,592	1,306,911
Sysco Corp.	69,505	5,404,014
Tesco PLC	1,257,560	3,884,829
The Andersons, Inc.	5,534	168,953
The Chefs' Warehouse, Inc. (A)	5,451	173,505
The Kroger Company	102,861	3,940,605

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Food and staples retailing (continued)</b>		
Tsuruha Holdings, Inc.	6,398	\$ 744,632
United Natural Foods, Inc. (A)	9,376	346,724
Walgreens Boots Alliance, Inc.	97,474	5,128,107
Walmart, Inc.	186,546	26,306,717
Weis Markets, Inc.	3,208	165,725
Welcia Holdings Company, Ltd.	15,300	500,288
Wm Morrison Supermarkets PLC	391,923	1,337,682
Woolworths Group, Ltd.	205,812	5,889,602
		112,333,351
<b>Food products – 1.6%</b>		
a2 Milk Company, Ltd. (A)	120,788	543,494
Ajinomoto Company, Inc.	75,896	1,971,750
AppHarvest, Inc. (A)	8,209	131,344
Archer-Daniels-Midland Company	75,907	4,599,964
Associated British Foods PLC	57,945	1,778,729
B&G Foods, Inc. (C)	10,711	351,321
Barry Callebaut AG	580	1,347,964
Calavo Growers, Inc.	2,911	184,616
Cal-Maine Foods, Inc.	6,103	220,990
Campbell Soup Company	27,582	1,257,463
Chocoladefabriken Lindt & Spruengli AG	18	1,885,940
Chocoladefabriken Lindt & Spruengli AG Participation Certificates	168	1,672,452
Conagra Brands, Inc.	65,207	2,372,231
Danone SA	106,096	7,464,374
Darling Ingredients, Inc. (A)	44,566	3,008,205
Flowers Foods, Inc.	53,778	1,301,428
Fresh Del Monte Produce, Inc.	5,780	190,046
General Mills, Inc.	82,872	5,049,391
Hormel Foods Corp.	38,297	1,828,682
Hostess Brands, Inc. (A)	22,095	357,718
Ingredion, Inc.	18,293	1,655,517
J&J Snack Foods Corp.	2,484	433,234
JDE Peet's NV (A)	12,192	442,528
John B. Sanfilippo & Son, Inc.	1,577	139,675
Kellogg Company	34,233	2,202,209
Kerry Group PLC, Class A	24,662	3,448,008
Kerry Group PLC, Class A (London Stock Exchange)	1,204	167,156
Kikkoman Corp.	23,646	1,559,413
Lamb Weston Holdings, Inc.	19,874	1,603,037
Lancaster Colony Corp.	8,503	1,645,416
Landec Corp. (A)	5,751	64,699
Limoneira Company	3,593	63,057
McCormick & Company, Inc.	33,830	2,987,866
MEIJI Holdings Company, Ltd.	19,900	1,192,506
Mission Produce, Inc. (A)(C)	6,366	131,840
Mondelez International, Inc., Class A	190,848	11,916,549
Mowi ASA	71,492	1,820,152
Nestle SA	468,594	58,408,863
NH Foods, Ltd.	13,441	522,483
Nisshin Seifun Group, Inc.	32,200	472,071
Nissin Foods Holdings Company, Ltd.	10,275	739,872
Orkla ASA	122,161	1,244,960
Pilgrim's Pride Corp. (A)	13,310	295,216
Post Holdings, Inc. (A)	16,162	1,753,092
Sanderson Farms, Inc.	8,850	1,663,535
Seneca Foods Corp., Class A (A)	1,276	65,178
Tattooed Chef, Inc. (A)(C)	7,922	169,927
The Hain Celestial Group, Inc. (A)	22,334	896,040
The Hershey Company	19,888	3,464,092
The J.M. Smucker Company	14,889	1,929,168
The Kraft Heinz Company	88,075	3,591,699
The Simply Good Foods Company (A)	14,435	527,022
Tootsie Roll Industries, Inc.	7,481	253,681

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Food products (continued)</b>		
Toyo Suisan Kaisha, Ltd.	14,450	\$ 556,940
TreeHouse Foods, Inc. (A)	24,038	1,070,172
Tyson Foods, Inc., Class A	40,049	2,954,014
Utz Brands, Inc.	9,932	216,418
Vital Farms, Inc. (A)(C)	4,348	86,786
WH Group, Ltd. (B)	1,559,000	1,399,361
Whole Earth Brands, Inc. (A)	6,887	99,862
Wilmar International, Ltd.	312,503	1,047,745
Yakult Honsha Company, Ltd.	20,903	1,183,577
		153,602,738
<b>Household products – 0.9%</b>		
Central Garden & Pet Company (A)	2,972	157,308
Central Garden & Pet Company, Class A (A)	5,376	259,661
Church & Dwight Company, Inc.	33,320	2,839,530
Colgate-Palmolive Company	114,935	9,349,962
Energizer Holdings, Inc.	27,346	1,175,331
Essity AB, B Shares	98,984	3,283,315
Henkel AG & Company KGaA	16,903	1,556,584
Kimberly-Clark Corp.	45,844	6,133,010
Lion Corp.	36,500	618,698
Pigeon Corp.	18,800	530,234
Reckitt Benckiser Group PLC	115,932	10,242,610
The Clorox Company	16,897	3,039,939
The Procter & Gamble Company	332,623	44,880,821
Unicharm Corp.	65,600	2,642,385
WD-40 Company	2,298	588,954
		87,298,342
<b>Personal products – 0.8%</b>		
Beauty Health Company (A)	7,977	134,014
Beiersdorf AG	16,395	1,978,974
BellRing Brands, Inc., Class A (A)	6,760	211,858
Coty, Inc., Class A (A)	77,420	723,103
Edgewell Personal Care Company	9,131	400,851
elf Beauty, Inc. (A)	7,774	210,986
Inter Parfums, Inc.	3,092	222,624
Kao Corp.	78,375	4,832,608
Kobayashi Pharmaceutical Company, Ltd.	8,700	743,890
Kose Corp.	5,400	848,324
L'Oreal SA	40,977	18,300,070
Medifast, Inc.	1,963	555,490
Nu Skin Enterprises, Inc., Class A	22,058	1,249,586
Pola Orbis Holdings, Inc.	14,872	392,143
Shiseido Company, Ltd.	65,060	4,798,745
The Estee Lauder Companies, Inc., Class A	31,506	10,021,428
The Honest Company, Inc. (A)	4,680	75,769
Unilever PLC	147,136	8,597,678
Unilever PLC (Euronext Amsterdam Exchange)	280,510	16,440,397
USANA Health Sciences, Inc. (A)	2,126	217,766
Veru, Inc. (A)	11,033	89,036
		71,045,340
<b>Tobacco – 0.6%</b>		
22nd Century Group, Inc. (A)	26,294	121,741
Altria Group, Inc.	251,432	11,988,278
British American Tobacco PLC	354,500	13,763,658
Imperial Brands PLC	153,933	3,319,215
Japan Tobacco, Inc. (C)	195,166	3,688,307
Philip Morris International, Inc.	211,747	20,986,245
Swedish Match AB	263,819	2,249,881
Turning Point Brands, Inc.	2,562	117,263
Universal Corp.	4,036	229,931

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Tobacco (continued)</b>		
Vector Group, Ltd.	24,368	\$ 344,564
		56,809,083
		616,420,895
<b>Energy – 2.9%</b>		
<b>Energy equipment and services – 0.2%</b>		
Archrock, Inc.	22,375	199,361
Aspen Aerogels, Inc. (A)	3,977	118,992
Baker Hughes Company	98,829	2,260,219
Cactus, Inc., Class A	9,139	335,584
ChampionX Corp. (A)	85,246	2,186,560
DMC Global, Inc. (A)	3,215	180,715
Dril-Quip, Inc. (A)	5,747	194,421
Frank's International NV (A)	28,923	87,637
FTS International, Inc., Class A (A)	1,609	45,519
Halliburton Company	120,879	2,794,722
Helix Energy Solutions Group, Inc. (A)	24,466	139,701
Helmerich & Payne, Inc.	17,339	565,772
Liberty Oilfield Services, Inc., Class A (A)	14,672	207,756
Nabors Industries, Ltd. (A)	1,206	137,773
National Energy Services Reunited Corp. (A)	5,231	74,542
Newpark Resources, Inc. (A)	17,218	59,574
NexTier Oilfield Solutions, Inc. (A)	29,754	141,629
NOV, Inc. (A)	53,073	813,078
Oceaneering International, Inc. (A)	16,882	262,853
Oil States International, Inc. (A)	11,091	87,064
Patterson-UTI Energy, Inc.	31,528	313,388
ProPetro Holding Corp. (A)	14,649	134,185
RPC, Inc. (A)	11,596	57,400
Schlumberger NV	189,981	6,081,292
Select Energy Services, Inc., Class A (A)	11,011	66,506
Solaris Oilfield Infrastructure, Inc., Class A	6,284	61,206
Tenaris SA	76,806	840,279
TETRA Technologies, Inc. (A)	21,496	93,293
Tidewater, Inc. (A)	7,445	89,712
U.S. Silica Holdings, Inc. (A)	12,517	144,697
		18,775,430
<b>Oil, gas and consumable fuels – 2.7%</b>		
Aemetis, Inc. (A)(C)	4,166	46,534
Alto Ingredients, Inc. (A)	12,726	77,756
Ampol, Ltd.	38,760	820,380
Antero Midstream Corp.	78,227	812,779
Antero Resources Corp. (A)	48,148	723,664
APA Corp.	51,352	1,110,744
Arch Resources, Inc. (A)	2,536	144,501
Berry Corp.	11,878	79,820
Bonanza Creek Energy, Inc.	5,133	241,610
BP PLC	3,309,479	14,513,357
Brigham Minerals, Inc., Class A	7,628	162,400
Cabot Oil & Gas Corp.	54,298	948,043
California Resources Corp. (A)	14,117	425,486
Callon Petroleum Company (A)	6,714	387,331
Centennial Resource Development, Inc., Class A (A)	30,630	207,671
Centrus Energy Corp., Class A (A)	1,861	47,232
Chesapeake Energy Corp.	16,551	859,328
Chevron Corp.	262,590	27,503,677
Cimarex Energy Company	28,084	2,034,686
Clean Energy Fuels Corp. (A)(C)	23,619	239,733
CNX Resources Corp. (A)	96,597	1,319,515
Comstock Resources, Inc. (A)	15,876	105,893
ConocoPhillips	183,336	11,165,162
CONSOL Energy, Inc. (A)	5,919	109,324
Contango Oil & Gas Company (A)	25,504	110,177

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
CVR Energy, Inc.	5,126	\$ 92,063
Delek US Holdings, Inc.	11,167	241,431
Denbury, Inc. (A)	8,488	651,709
Devon Energy Corp.	80,929	2,362,318
DHT Holdings, Inc.	23,594	153,125
Diamond S Shipping, Inc. (A)	5,823	57,997
Diamondback Energy, Inc.	24,591	2,308,849
Dorian LPG, Ltd. (A)	5,199	73,410
Earthstone Energy, Inc., Class A (A)	4,744	52,516
ENEOS Holdings, Inc.	499,111	2,091,674
Energy Fuels, Inc. (A)(C)	23,982	145,091
Eni SpA	410,515	5,004,808
EOG Resources, Inc.	79,290	6,615,958
EQT Corp. (A)	76,231	1,696,902
Equinor ASA	158,960	3,364,945
Equitrans Midstream Corp.	180,034	1,532,089
Extraction Oil & Gas, Inc. (A)	2,683	147,324
Exxon Mobil Corp.	575,180	36,282,354
Frontline, Ltd. (C)	20,019	180,171
Galp Energia SGPS SA	81,530	886,448
Gevo, Inc. (A)	33,056	240,317
Golar LNG, Ltd. (A)	17,198	227,874
Green Plains, Inc. (A)	7,250	243,745
Hess Corp.	37,293	3,256,425
HollyFrontier Corp.	40,818	1,342,912
Idemitsu Kosan Company, Ltd.	33,886	818,709
Impex Corp.	166,441	1,245,709
International Seaways, Inc.	4,330	83,049
Kinder Morgan, Inc.	264,598	4,823,622
Koninklijke Vopak NV	11,248	511,310
Kosmos Energy, Ltd. (A)	68,815	238,100
Laredo Petroleum, Inc. (A)	2,146	199,127
Lundin Energy AB	32,554	1,154,120
Magnolia Oil & Gas Corp., Class A (A)	23,601	368,884
Marathon Oil Corp.	107,080	1,458,430
Marathon Petroleum Corp.	88,671	5,357,502
Matador Resources Company	18,738	674,755
Meta Materials, Inc. (A)	10,803	80,914
Murphy Oil Corp.	64,269	1,496,182
Neste OYJ	68,812	4,221,069
Nordic American Tankers, Ltd.	26,693	87,553
Northern Oil and Gas, Inc.	8,156	169,400
Oasis Petroleum, Inc.	3,395	341,367
Occidental Petroleum Corp.	114,135	3,569,001
Oil Search, Ltd.	321,067	917,255
OMV AG	23,954	1,366,995
ONEOK, Inc.	60,532	3,368,000
Ovintiv, Inc.	44,102	1,387,890
Par Pacific Holdings, Inc. (A)	7,838	131,835
PBF Energy, Inc., Class A (A)	16,307	249,497
PDC Energy, Inc.	16,772	767,990
Peabody Energy Corp. (A)	11,854	94,002
Penn Virginia Corp. (A)	2,748	64,880
Phillips 66	59,489	5,105,346
Pioneer Natural Resources Company	31,487	5,117,267
Range Resources Corp. (A)	40,217	674,037
Renewable Energy Group, Inc. (A)	7,546	470,418
Repsol SA (C)	242,265	3,043,475
REX American Resources Corp. (A)	1,000	90,180
Riley Exploration Permian, Inc.	1,573	45,586
Royal Dutch Shell PLC, A Shares	667,069	13,373,310
Royal Dutch Shell PLC, B Shares	602,809	11,702,201
Santos, Ltd.	304,930	1,619,640
Scorpio Tankers, Inc.	8,252	181,957
SFL Corp., Ltd.	18,262	139,704

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
SM Energy Company	19,626	\$ 483,388
Southwestern Energy Company (A)	113,879	645,694
Talos Energy, Inc. (A)	6,395	100,018
Targa Resources Corp.	62,451	2,775,947
Teekay Corp. (A)	13,587	50,544
Teekay Tankers, Ltd., Class A (A)	4,213	60,751
Tellurian, Inc. (A)(C)	53,765	250,007
The Williams Companies, Inc.	165,041	4,381,839
TotalEnergies SE	406,355	18,408,608
Uranium Energy Corp. (A)(C)	36,703	97,630
Ur-Energy, Inc. (A)	35,301	49,421
Valero Energy Corp.	55,535	4,336,173
Vine Energy, Inc., Class A (A)	3,758	58,587
W&T Offshore, Inc. (A)	16,754	81,257
Washington H. Soul Pattinson & Company, Ltd. (C)	17,522	443,108
Whiting Petroleum Corp. (A)	6,610	360,576
Woodside Petroleum, Ltd.	156,506	2,606,090
World Fuel Services Corp.	27,812	882,475
		246,331,639
		265,107,069
<b>Financials – 12.8%</b>		
<b>Banks – 5.7%</b>		
1st Source Corp.	2,498	116,057
ABN AMRO Bank NV (A)(B)	68,801	833,686
Allegiance Bancshares, Inc.	3,390	130,312
Altabancorp	3,156	136,686
Amerant Bancorp, Inc. (A)	3,702	79,149
American National Bankshares, Inc.	2,333	72,533
Ameris Bancorp	11,197	566,904
Arrow Financial Corp.	2,776	99,797
Associated Banc-Corp.	66,500	1,361,920
Atlantic Capital Bankshares, Inc. (A)	3,772	96,035
Atlantic Union Bankshares Corp.	13,099	474,446
Australia & New Zealand Banking Group, Ltd.	462,826	9,769,289
Banc of California, Inc.	7,759	136,093
BancFirst Corp.	2,827	176,490
Banco Bilbao Vizcaya Argentaria SA (A)	1,084,533	6,727,338
Banco Espirito Santo SA (A)	625,609	625
Banco Santander SA (A)	2,820,458	10,788,405
BancorpSouth Bank	43,227	1,224,621
Bank First Corp. (C)	1,100	76,747
Bank Hapoalim BM (A)	184,692	1,482,821
Bank Leumi Le-Israel BM (A)	236,313	1,795,677
Bank of America Corp.	1,024,540	42,241,784
Bank of Hawaii Corp.	11,033	929,199
Bank of Marin Bancorp	2,768	88,299
Bank OZK	33,017	1,391,997
BankUnited, Inc.	15,327	654,310
Banner Corp.	5,778	313,225
Banque Cantonale Vaudoise	4,899	440,216
Bar Harbor Bankshares	3,156	90,325
Barclays PLC	2,823,737	6,700,946
Berkshire Hills Bancorp, Inc.	8,565	234,767
Blue Ridge Bankshares, Inc.	4,518	79,155
BNP Paribas SA	182,951	11,481,937
BOC Hong Kong Holdings, Ltd.	601,741	2,039,486
Boston Private Financial Holdings, Inc.	13,884	204,789
Brookline Bancorp, Inc.	13,482	201,556
Bryn Mawr Bank Corp.	3,400	143,446
Business First Bankshares, Inc.	3,662	84,043
Byline Bancorp, Inc.	4,544	102,831
Cadence BanCorp	20,877	435,912
CaixaBank SA	723,047	2,226,049

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Cambridge Bancorp	1,128	\$ 93,613
Camden National Corp.	2,691	128,522
Capital City Bank Group, Inc.	3,242	83,611
Capstar Financial Holdings, Inc.	4,156	85,198
Carter Bankshares, Inc. (A)	5,440	68,054
Cathay General Bancorp	32,978	1,298,014
CBTX, Inc.	3,044	83,132
Central Pacific Financial Corp.	4,804	125,192
Century Bancorp, Inc., Class A	613	69,882
CIT Group, Inc.	43,617	2,250,201
Citigroup, Inc.	280,834	19,869,006
Citizens & Northern Corp.	3,072	75,264
Citizens Financial Group, Inc.	57,868	2,654,405
City Holding Company	2,299	172,977
Civista Bancshares, Inc.	3,889	85,947
CNB Financial Corp.	3,816	87,081
Coastal Financial Corp. (A)	2,062	58,891
Columbia Banking System, Inc.	11,805	455,201
Comerica, Inc.	18,968	1,353,177
Commerce Bancshares, Inc.	28,769	2,145,017
Commerzbank AG (A)	162,959	1,157,282
Commonwealth Bank of Australia	288,557	21,607,902
Community Bank System, Inc.	8,684	656,945
Community Trust Bancorp, Inc.	2,708	109,349
Concordia Financial Group, Ltd.	177,046	650,605
ConnectOne Bancorp, Inc.	6,301	164,897
Credit Agricole SA	189,758	2,660,329
CrossFirst Bankshares, Inc. (A)	8,530	117,288
Cullen/Frost Bankers, Inc.	15,447	1,730,064
Customers Bancorp, Inc. (A)	4,984	194,326
CVB Financial Corp.	20,891	430,146
Danske Bank A/S	112,186	1,975,699
DBS Group Holdings, Ltd.	293,283	6,524,755
Dime Community Bankshares, Inc.	5,860	197,013
DNB ASA	151,300	3,297,464
Eagle Bancorp, Inc.	5,071	284,382
East West Bancorp, Inc.	38,746	2,777,701
Eastern Bankshares, Inc.	28,510	586,451
Enterprise Financial Services Corp.	4,663	216,317
Equity Bancshares, Inc., Class A (A)	2,899	88,391
Erste Group Bank AG	45,440	1,670,436
Farmers National Banc Corp.	5,740	89,027
FB Financial Corp.	5,447	203,282
Fifth Third Bancorp	95,643	3,656,432
Financial Institutions, Inc.	3,288	98,640
FinecoBank Banca Fineco SpA (A)	99,144	1,730,194
First Bancorp (North Carolina)	4,755	194,527
First Bancorp (Puerto Rico)	36,074	430,002
First Busey Corp.	8,360	206,158
First Choice Bancorp	2,327	70,857
First Commonwealth Financial Corp.	15,232	214,314
First Community Bankshares, Inc.	3,153	94,117
First Financial Bancorp	16,026	378,694
First Financial Bankshares, Inc.	60,271	2,961,114
First Financial Corp.	2,349	95,886
First Foundation, Inc.	6,959	156,647
First Horizon Corp.	150,868	2,606,999
First Interstate BancSystem, Inc., Class A	6,684	279,592
First Merchants Corp.	8,993	374,738
First Mid Bankshares, Inc.	3,040	123,150
First Midwest Bancorp, Inc.	18,888	374,549
First Republic Bank	23,910	4,475,235
Flushing Financial Corp.	5,283	113,215
FNB Corp.	87,232	1,075,571
Fulton Financial Corp.	70,332	1,109,839

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
German American Bancorp, Inc.	3,957	\$ 147,200
Glacier Bancorp, Inc.	41,981	2,312,313
Great Southern Bancorp, Inc.	1,856	100,038
Great Western Bancorp, Inc.	9,318	305,537
Guaranty Bancshares, Inc.	1,949	66,402
Hancock Whitney Corp.	38,144	1,695,119
Hang Seng Bank, Ltd.	124,390	2,481,297
Hanmi Financial Corp.	5,718	108,985
HarborOne Bancorp, Inc.	9,201	131,942
Heartland Financial USA, Inc.	6,216	292,090
Heritage Commerce Corp.	10,968	122,074
Heritage Financial Corp.	5,986	149,770
Hilltop Holdings, Inc.	10,504	382,346
Home BancShares, Inc.	66,608	1,643,885
HomeTrust Bancshares, Inc.	3,219	89,810
Hope Bancorp, Inc.	20,054	284,366
Horizon Bancorp, Inc.	7,804	136,024
HSBC Holdings PLC	3,312,984	19,120,904
Huntington Bancshares, Inc.	200,464	2,860,621
Independent Bank Corp. (Massachusetts)	5,403	407,927
Independent Bank Corp. (Michigan)	4,606	99,996
Independent Bank Group, Inc.	6,239	461,561
ING Groep NV	634,442	8,421,806
International Bancshares Corp.	24,002	1,030,646
Intesa Sanpaolo SpA	2,686,301	7,431,211
Investors Bancorp, Inc.	37,168	530,016
Israel Discount Bank, Ltd., Class A (A)	189,328	901,926
Japan Post Bank Company, Ltd.	65,900	554,243
JPMorgan Chase & Co.	411,273	63,969,402
KBC Group NV	40,665	3,104,826
KeyCorp	131,857	2,722,847
Lakeland Bancorp, Inc.	8,393	146,710
Lakeland Financial Corp.	3,919	241,567
Live Oak Bancshares, Inc.	5,351	315,709
Lloyds Banking Group PLC	11,525,262	7,455,185
M&T Bank Corp.	17,479	2,539,873
Macatawa Bank Corp.	9,095	79,581
Mediobanca Banca di Credito Finanziario SpA (A)	101,015	1,181,890
Mercantile Bank Corp.	3,286	99,237
Metrocity Bankshares, Inc.	3,509	61,443
Metropolitan Bank Holding Corp. (A)	1,454	87,560
Mid Penn Bancorp, Inc.	2,941	80,730
Midland States Bancorp, Inc.	4,071	106,945
MidWestOne Financial Group, Inc.	3,199	92,035
Mitsubishi UFJ Financial Group, Inc.	1,988,168	10,708,782
Mizrahi Tefahot Bank, Ltd. (A)	22,817	702,868
Mizuho Financial Group, Inc.	392,350	5,623,356
MVB Financial Corp.	1,902	81,139
National Australia Bank, Ltd.	536,279	10,542,610
National Bank Holdings Corp., Class A	4,630	174,736
NatWest Group PLC	792,057	2,229,068
NBT Bancorp, Inc.	6,904	248,337
Nicolet Bankshares, Inc. (A)	1,564	110,012
Nordea Bank ABP	526,978	5,868,378
Northrim Bancorp, Inc.	2,029	86,740
OceanFirst Financial Corp.	9,904	206,399
OFG Bancorp	8,613	190,520
Old National Bancorp	26,489	466,471
Old Second Bancorp, Inc.	6,835	84,754
Origin Bancorp, Inc.	3,807	161,645
Orrstown Financial Services, Inc.	3,569	82,337
Oversea-Chinese Banking Corp., Ltd.	546,024	4,866,023
Pacific Premier Bancorp, Inc.	15,702	664,038
PacWest Bancorp	31,933	1,314,362

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Park National Corp.	2,335	\$ 274,176
Peapack-Gladstone Financial Corp.	3,532	109,739
Peoples Bancorp, Inc.	3,573	105,832
Peoples Financial Services Corp.	1,468	62,537
People's United Financial, Inc.	58,099	995,817
Pinnacle Financial Partners, Inc.	20,783	1,834,931
Preferred Bank	2,362	149,444
Primis Financial Corp.	6,399	97,649
Prosperity Bancshares, Inc.	25,384	1,822,571
QCR Holdings, Inc.	2,730	131,286
Raiffeisen Bank International AG	24,077	546,512
RBB Bancorp	3,218	77,940
Red River Bancshares, Inc.	1,171	59,147
Regions Financial Corp.	130,603	2,635,569
Reliant Bancorp, Inc.	2,939	81,498
Renasant Corp.	9,058	362,320
Republic Bancorp, Inc., Class A	1,749	80,681
Resona Holdings, Inc.	347,246	1,338,860
S&T Bancorp, Inc.	6,232	195,062
Sandy Spring Bancorp, Inc.	7,497	330,843
Seacoast Banking Corp. of Florida	8,850	302,228
ServisFirst Bancshares, Inc.	8,311	564,982
Sierra Bancorp	3,470	88,312
Signature Bank	15,739	3,866,285
Silergate Capital Corp., Class A (A)	3,868	438,322
Simmons First National Corp., Class A	17,866	524,188
Skandinaviska Enskilda Banken AB, A Shares	264,714	3,421,720
SmartFinancial, Inc.	3,531	84,779
Societe Generale SA	131,861	3,900,632
South State Corp.	11,771	962,397
Southern First Bancshares, Inc. (A)	1,790	91,576
Southside Bancshares, Inc.	4,887	186,830
Spirit of Texas Bancshares, Inc.	3,576	81,676
Standard Chartered PLC	436,352	2,784,712
Sterling Bancorp	52,604	1,304,053
Stock Yards Bancorp, Inc.	3,376	171,805
Sumitomo Mitsui Financial Group, Inc.	212,358	7,320,398
Sumitomo Mitsui Trust Holdings, Inc.	54,983	1,753,969
SVB Financial Group (A)	7,379	4,105,897
Svenska Handelsbanken AB, A Shares	237,237	2,677,918
Swedbank AB, A Shares	147,296	2,742,199
Synovus Financial Corp.	40,586	1,780,914
Texas Capital Bancshares, Inc. (A)	22,219	1,410,684
The Bancorp, Inc. (A)	8,920	205,249
The Bank of East Asia, Ltd.	213,399	396,291
The Bank of NT Butterfield & Son, Ltd.	8,182	290,052
The Chiba Bank, Ltd.	86,264	521,379
The First Bancshares, Inc.	3,657	136,882
The First of Long Island Corp.	4,835	102,647
The PNC Financial Services Group, Inc.	57,722	11,011,049
The Shizuoka Bank, Ltd.	72,608	563,451
Tompkins Financial Corp.	2,310	179,164
Towne Bank	10,732	326,467
TriCo Bancshares	4,364	185,819
TriState Capital Holdings, Inc. (A)	5,233	106,701
Triumph Bancorp, Inc. (A)	3,957	293,807
Truist Financial Corp.	182,714	10,140,627
Trustmark Corp.	27,702	853,222
U.S. Bancorp	184,176	10,492,507
UMB Financial Corp.	19,063	1,774,003
Umpqua Holdings Corp.	60,258	1,111,760
UniCredit SpA	345,697	4,087,070
United Bankshares, Inc.	57,327	2,092,436
United Community Banks, Inc.	14,457	462,769

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
United Overseas Bank, Ltd.	191,739	\$ 3,692,394
Univest Financial Corp.	5,155	135,937
Valley National Bancorp	178,102	2,391,910
Veritex Holdings, Inc.	7,935	280,978
Washington Trust Bancorp, Inc.	2,978	152,920
Webster Financial Corp.	24,696	1,317,285
Wells Fargo & Company	561,597	25,434,728
WesBanco, Inc.	10,863	387,049
West Bancorp, Inc.	3,713	103,036
Westamerica Bancorporation	4,170	241,985
Westpac Banking Corp.	596,696	11,547,141
Wintrust Financial Corp.	15,579	1,178,240
Zions Bancorp NA	22,256	1,176,452
		529,883,276
<b>Capital markets – 2.7%</b>		
3i Group PLC	158,285	2,568,786
Affiliated Managers Group, Inc.	11,372	1,753,676
Ameriprise Financial, Inc.	15,747	3,919,113
Amundi SA (B)	9,885	871,846
Artisan Partners Asset Management, Inc., Class A	9,872	501,695
AssetMark Financial Holdings, Inc. (A)	3,135	78,563
ASX, Ltd.	31,488	1,835,615
B. Riley Financial, Inc.	3,384	255,492
BGC Partners, Inc., Class A	55,927	317,106
BlackRock, Inc.	19,272	16,862,422
Blucora, Inc. (A)	8,429	145,906
Brightsphere Investment Group, Inc.	9,685	226,920
Cboe Global Markets, Inc.	14,495	1,725,630
CME Group, Inc.	48,788	10,376,232
Cohen & Steers, Inc.	4,169	342,233
Cowen, Inc., Class A	4,414	181,195
Credit Suisse Group AG	398,127	4,167,564
Daiwa Securities Group, Inc.	234,908	1,290,488
Deutsche Bank AG (A)	336,161	4,382,761
Deutsche Boerse AG	30,903	5,394,003
Diamond Hill Investment Group, Inc.	618	103,398
Donnelley Financial Solutions, Inc. (A)	5,007	165,231
Ellington Financial, Inc.	7,189	137,669
EQT AB	38,751	1,407,660
Evercore, Inc., Class A	11,184	1,574,372
FactSet Research Systems, Inc.	10,338	3,469,536
Federated Hermes, Inc.	41,387	1,403,433
Focus Financial Partners, Inc., Class A (A)	7,483	362,926
Franklin Resources, Inc.	37,000	1,183,630
Futu Holdings, Ltd., ADR (A)	8,100	1,450,629
GCM Grosvenor, Inc., Class A	6,030	62,833
Hamilton Lane, Inc., Class A	5,760	524,851
Hargreaves Lansdown PLC	57,861	1,273,196
Hong Kong Exchanges & Clearing, Ltd.	195,871	11,660,148
Houlihan Lokey, Inc.	8,651	707,565
Interactive Brokers Group, Inc., Class A	22,076	1,451,055
Intercontinental Exchange, Inc.	76,459	9,075,683
Invesco, Ltd.	51,409	1,374,163
Janus Henderson Group PLC	46,602	1,808,624
Japan Exchange Group, Inc.	82,900	1,846,677
Jefferies Financial Group, Inc.	54,638	1,868,620
Julius Baer Group, Ltd.	36,402	2,377,530
London Stock Exchange Group PLC	52,811	5,836,165
Macquarie Group, Ltd.	55,908	6,550,258
Magellan Financial Group, Ltd.	22,420	905,492
MarketAxess Holdings, Inc.	5,160	2,392,124
Moelis & Company, Class A	10,301	586,024
Moody's Corp.	21,873	7,926,119
Morgan Stanley	202,227	18,542,194

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets (continued)</b>		
MSCI, Inc.	11,198	\$ 5,969,430
Nasdaq, Inc.	15,606	2,743,535
Natixis SA	153,995	731,600
Nomura Holdings, Inc.	499,613	2,542,773
Northern Trust Corp.	28,278	3,269,502
Open Lending Corp., Class A (A)	17,590	757,953
Oppenheimer Holdings, Inc., Class A	1,632	82,971
Partners Group Holding AG	3,691	5,595,359
Piper Sandler Companies	2,946	381,684
PJT Partners, Inc., Class A	4,034	287,947
Raymond James Financial, Inc.	16,616	2,158,418
S&P Global, Inc.	32,729	13,433,618
SBI Holdings, Inc.	39,590	935,143
Schroders PLC	20,219	983,326
Sculptor Capital Management, Inc.	3,964	97,475
SEI Investments Company	32,374	2,006,217
Singapore Exchange, Ltd.	130,748	1,088,983
St. James's Place PLC	87,537	1,789,843
Standard Life Aberdeen PLC	354,951	1,331,601
State Street Corp.	47,249	3,887,648
StepStone Group, Inc., Class A	6,393	219,919
Stifel Financial Corp.	28,703	1,861,677
StoneX Group, Inc. (A)	2,812	170,604
T. Rowe Price Group, Inc.	30,821	6,101,633
The Bank of New York Mellon Corp.	109,613	5,615,474
The Charles Schwab Corp.	203,774	14,836,785
The Goldman Sachs Group, Inc.	46,223	17,543,015
UBS Group AG	596,292	9,133,538
Virtus Investment Partners, Inc.	1,219	338,602
WisdomTree Investments, Inc.	24,387	151,199
		251,272,523
<b>Consumer finance – 0.4%</b>		
Acom Company, Ltd.	64,910	283,225
American Express Company	88,402	14,606,662
Capital One Financial Corp.	61,340	9,488,685
Curo Group Holdings Corp.	3,793	64,481
Discover Financial Services	41,423	4,899,927
Encore Capital Group, Inc. (A)	5,148	243,964
Enova International, Inc. (A)	6,092	208,407
EZCORP, Inc., Class A (A)	9,600	57,888
FirstCash, Inc.	17,979	1,374,315
Green Dot Corp., Class A (A)	8,982	420,807
LendingClub Corp. (A)	16,242	294,467
LendingTree, Inc. (A)	4,976	1,054,315
Navient Corp.	78,560	1,518,565
Nelnet, Inc., Class A	2,761	207,710
Oportun Financial Corp. (A)	3,784	75,794
PRA Group, Inc. (A)	7,642	293,988
PROG Holdings, Inc. (A)	29,695	1,429,220
Regional Management Corp.	1,578	73,440
SLM Corp.	88,184	1,846,573
Synchrony Financial	73,486	3,565,541
World Acceptance Corp. (A)	754	120,821
		42,128,795
<b>Diversified financial services – 1.0%</b>		
Alerus Financial Corp.	2,712	78,675
A-Mark Precious Metals, Inc.	1,544	71,796
Banco Latinoamericano de Comercio Exterior SA, Class E	5,584	85,826
Berkshire Hathaway, Inc., Class B (A)	257,508	71,566,623
Cannae Holdings, Inc. (A)	14,669	497,426
E2open Parent Holdings, Inc. (A)	7,140	81,539
Eurazeo SE	6,425	560,179
EXOR NV	17,640	1,415,670
Groupe Bruxelles Lambert SA	18,371	2,057,024



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified financial services (continued)</b>		
Industrivarden AB, A Shares	17,382	\$ 676,040
Industrivarden AB, C Shares	25,971	950,696
Investor AB, B Shares	296,339	6,830,730
Kinnevik AB, B Shares (A)	41,478	1,660,941
L.E. Lundbergforetagen AB, B Shares	12,362	797,851
M&G PLC	422,870	1,339,611
Mitsubishi HC Capital, Inc.	107,396	575,910
NewStar Financial, Inc. (A)(D)	6,344	645
ORIX Corp.	198,683	3,358,060
Sofina SA	2,507	1,083,163
Tokyo Century Corp.	6,000	322,584
Wendel SE	4,364	587,265
		94,598,254
<b>Insurance – 2.8%</b>		
Admiral Group PLC	31,367	1,364,845
Aegon NV	291,042	1,210,476
Aflac, Inc.	85,877	4,608,162
Ageas SA/NV	28,480	1,582,667
AIA Group, Ltd.	1,967,335	24,405,922
Alleghany Corp. (A)	3,804	2,537,534
Allianz SE	67,059	16,735,027
Ambac Financial Group, Inc. (A)	8,031	125,765
American Equity Investment Life Holding Company	14,229	459,881
American Financial Group, Inc.	18,827	2,348,103
American International Group, Inc.	116,589	5,549,636
American National Group, Inc.	1,268	188,361
AMERISAFE, Inc.	3,511	209,572
Aon PLC, Class A	30,657	7,319,665
Argo Group International Holdings, Ltd.	5,439	281,903
Arthur J. Gallagher & Company	27,836	3,899,267
Assicurazioni Generali SpA	179,438	3,602,522
Assurant, Inc.	8,229	1,285,205
Aviva PLC	639,000	3,587,317
AXA SA	314,679	7,990,435
Baloise Holding AG	7,540	1,177,277
Brighthouse Financial, Inc. (A)	23,433	1,067,139
Brown & Brown, Inc.	63,893	3,395,274
BRP Group, Inc., Class A (A)	7,936	211,494
Chubb, Ltd.	61,096	9,710,598
Cincinnati Financial Corp.	20,355	2,373,800
Citizens, Inc. (A)(C)	11,958	63,258
CNO Financial Group, Inc.	58,064	1,371,472
CNP Assurances	27,920	475,852
Dai-ichi Life Holdings, Inc.	165,737	3,049,430
Direct Line Insurance Group PLC	221,940	875,378
Donegal Group, Inc., Class A	4,746	69,149
eHealth, Inc. (A)	4,125	240,900
Employers Holdings, Inc.	4,886	209,121
Enstar Group, Ltd. (A)	2,287	546,410
Everest Re Group, Ltd.	5,446	1,372,446
First American Financial Corp.	29,973	1,868,817
Genworth Financial, Inc., Class A (A)	85,076	331,796
Gjensidige Forsikring ASA	32,531	717,259
Globe Life, Inc.	12,881	1,226,915
Goosehead Insurance, Inc., Class A	3,017	384,064
Hannover Rueck SE	9,808	1,641,937
HCI Group, Inc. (C)	1,012	100,623
Horace Mann Educators Corp.	7,109	266,019
Insurance Australia Group, Ltd.	400,955	1,550,275
James River Group Holdings, Ltd.	6,127	229,885
Japan Post Holdings Company, Ltd. (A)	256,200	2,104,356
Japan Post Insurance Company, Ltd.	36,600	677,213
Kemper Corp.	16,577	1,225,040
Kinsale Capital Group, Inc.	9,491	1,563,832

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
Legal & General Group PLC	970,590	\$ 3,462,662
Lincoln National Corp.	24,313	1,527,829
Loews Corp.	30,392	1,660,923
Maiden Holdings, Ltd. (A)	14,444	48,676
Marsh & McLennan Companies, Inc.	69,090	9,719,581
MBIA, Inc. (A)	8,646	95,106
Medibank Private, Ltd.	447,947	1,062,003
Mercury General Corp.	7,259	471,472
MetLife, Inc.	101,096	6,050,596
MetroMile, Inc. (A)	6,734	61,616
MS&AD Insurance Group Holdings, Inc. Muenchener	72,351	2,091,826
Rueckversicherungs-Gesellschaft AG	22,787	6,245,021
National Western Life Group, Inc., Class A	485	108,829
NN Group NV	45,661	2,156,995
Old Republic International Corp.	77,409	1,928,258
Palomar Holdings, Inc. (A)	4,189	316,102
Phoenix Group Holdings PLC	97,520	912,887
Poste Italiane SpA (B)	84,974	1,124,678
Primerica, Inc.	10,772	1,649,624
Principal Financial Group, Inc.	34,370	2,171,840
ProAssurance Corp.	9,405	213,964
Prudential Financial, Inc.	53,530	5,485,219
Prudential PLC	424,439	8,075,278
QBE Insurance Group, Ltd.	239,937	1,936,185
Reinsurance Group of America, Inc.	18,568	2,116,752
RenaissanceRe Holdings, Ltd.	13,557	2,017,553
RLI Corp.	17,581	1,838,797
Safety Insurance Group, Inc.	2,608	204,154
Sampo OYJ, A Shares	81,120	3,730,266
SCOR SE (C)	25,790	821,028
Selective Insurance Group, Inc.	26,338	2,137,329
Selectquote, Inc. (A)	22,652	436,278
SiriusPoint, Ltd. (A)	15,590	156,991
Sompo Holdings, Inc.	51,591	1,910,839
State Auto Financial Corp.	3,988	68,275
Stewart Information Services Corp.	4,471	253,461
Suncorp Group, Ltd.	208,291	1,734,077
Swiss Life Holding AG	5,207	2,532,963
Swiss Re AG	49,059	4,431,137
T&D Holdings, Inc.	87,525	1,135,801
The Allstate Corp.	40,669	5,304,864
The Hanover Insurance Group, Inc.	9,804	1,329,815
The Hartford Financial Services Group, Inc.	48,529	3,007,342
The Progressive Corp.	79,501	7,807,793
The Travelers Companies, Inc.	34,169	5,115,441
Tokio Marine Holdings, Inc.	102,785	4,734,301
Trean Insurance Group, Inc. (A)	3,449	52,011
Trupanion, Inc. (A)	6,472	744,927
Tryg A/S	58,563	1,438,468
United Fire Group, Inc.	3,797	105,291
Universal Insurance Holdings, Inc.	5,574	77,367
Unum Group	27,748	788,043
W.R. Berkley Corp.	19,038	1,416,998
Watford Holdings, Ltd. (A)	3,167	110,813
Willis Towers Watson PLC	17,523	4,030,640
Zurich Insurance Group AG	24,472	9,829,548
		259,385,827
<b>Mortgage real estate investment trusts – 0.1%</b>		
Apollo Commercial Real Estate Finance, Inc.	23,810	379,770
Arbor Realty Trust, Inc.	21,227	378,265
Ares Commercial Real Estate Corp.	6,807	99,995
ARMOUR Residential REIT, Inc.	10,418	118,974

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Mortgage real estate investment trusts (continued)</b>		
Blackstone Mortgage Trust, Inc., Class A	22,929	\$ 731,206
BrightSpire Capital, Inc.	15,099	141,931
Broadmark Realty Capital, Inc.	21,522	227,918
Capstead Mortgage Corp.	17,224	105,755
Chimera Investment Corp.	38,200	575,292
Dynex Capital, Inc.	5,524	103,078
Granite Point Mortgage Trust, Inc.	9,603	141,644
Great Ajax Corp.	4,868	63,187
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	12,898	724,223
Invesco Mortgage Capital, Inc.	41,784	162,958
KKR Real Estate Finance Trust, Inc.	5,031	108,821
Ladder Capital Corp.	19,304	222,768
MFA Financial, Inc.	73,218	336,071
New York Mortgage Trust, Inc.	64,179	286,880
Orchid Island Capital, Inc.	16,764	87,005
PennyMac Mortgage Investment Trust	16,434	346,100
Ready Capital Corp.	9,939	157,732
Redwood Trust, Inc.	19,441	234,653
TPG RE Finance Trust, Inc.	10,546	141,844
Two Harbors Investment Corp.	45,965	347,495
		6,223,565
<b>Thriffs and mortgage finance – 0.1%</b>		
Axos Financial, Inc. (A)	9,312	431,984
Bridgewater Bancshares, Inc. (A)	5,076	81,977
Capitol Federal Financial, Inc.	20,454	240,948
Columbia Financial, Inc. (A)	6,390	110,036
Essent Group, Ltd.	49,410	2,220,980
Federal Agricultural Mortgage Corp., Class C	1,549	153,196
Finance of America Companies, Inc., Class A (A)(C)	6,083	46,413
Flagstar Bancorp, Inc.	8,268	349,488
FS Bancorp, Inc.	1,041	74,192
Home Bancorp, Inc.	2,224	84,757
HomeStreet, Inc.	3,590	146,257
Kearny Financial Corp.	12,623	150,845
Merchants Bancorp	1,708	67,022
Meridian Bancorp, Inc.	8,088	165,480
Meta Financial Group, Inc.	5,408	273,807
MGIC Investment Corp.	92,676	1,260,394
Mr. Cooper Group, Inc. (A)	11,981	396,092
New York Community Bancorp, Inc.	127,021	1,399,771
NMI Holdings, Inc., Class A (A)	14,348	322,543
Northfield Bancorp, Inc.	8,241	135,152
Northwest Bancshares, Inc.	19,595	267,276
Ocwen Financial Corp. (A)	1,647	51,024
PCSB Financial Corp.	3,751	68,156
PennyMac Financial Services, Inc.	5,887	363,346
Premier Financial Corp.	6,473	183,898
Provident Bancorp, Inc.	4,057	66,170
Provident Financial Services, Inc.	12,295	281,433
Radian Group, Inc.	32,160	715,560
Southern Missouri Bancorp, Inc.	1,730	77,781
The Hingham Institution for Savings	282	81,921
TrustCo Bank Corp.	3,574	122,874
Walker & Dunlop, Inc.	4,911	512,610
Washington Federal, Inc.	31,237	992,712
Waterstone Financial, Inc.	5,277	103,746
WSFS Financial Corp.	7,684	357,998
		12,357,839
		1,195,850,079
<b>Health care – 12.4%</b>		

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology – 1.9%</b>		
AbbVie, Inc.	239,963	\$ 27,029,432
ACADIA Pharmaceuticals, Inc. (A)	20,276	494,532
Achillion Pharmaceuticals, Inc. (A)(D)	23,194	34,879
Aduro Biotech, Inc. (A)(D)	2,435	7,305
Adverum Biotechnologies, Inc. (A)	16,094	56,329
Aeglea BioTherapeutics, Inc. (A)	8,010	55,750
Affimed NV (A)	20,020	170,170
Agenus, Inc. (A)	33,792	185,518
Agios Pharmaceuticals, Inc. (A)	10,436	575,128
Akebia Therapeutics, Inc. (A)	28,335	107,390
Akero Therapeutics, Inc. (A)(C)	4,557	113,059
Akouos, Inc. (A)	4,724	59,286
Albireo Pharma, Inc. (A)	3,048	107,229
Alder Biopharmaceuticals, Inc. (A)(D)	13,115	19,068
Aldeyra Therapeutics, Inc. (A)	8,575	97,155
Alector, Inc. (A)	9,959	207,446
Alexion Pharmaceuticals, Inc. (A)	30,028	5,516,444
Aligos Therapeutics, Inc. (A)	3,348	68,249
Alkermes PLC (A)	27,014	662,383
Allakos, Inc. (A)	5,916	505,049
Allogene Therapeutics, Inc. (A)	11,541	300,989
Allovir, Inc. (A)	5,165	101,957
Altimmune, Inc. (A)	5,692	56,066
ALX Oncology Holdings, Inc. (A)	3,083	168,578
Amgen, Inc.	78,060	19,027,125
Amicus Therapeutics, Inc. (A)	44,630	430,233
AnaptysBio, Inc. (A)	3,447	89,381
Anavex Life Sciences Corp. (A)(C)	10,601	242,339
Anika Therapeutics, Inc. (A)	2,506	108,485
Annexon, Inc. (A)	5,481	123,377
Apellis Pharmaceuticals, Inc. (A)	10,994	694,821
Applied Molecular Transport, Inc. (A)(C)	4,192	191,742
Applied Therapeutics, Inc. (A)	3,288	68,325
AquaBounty Technologies, Inc. (A)	9,934	53,246
Arbutus Biopharma Corp. (A)(C)	15,231	46,150
Arcturus Therapeutics Holdings, Inc. (A)	3,644	123,313
Arcus Biosciences, Inc. (A)	7,768	213,309
Arcutis Biotherapeutics, Inc. (A)	4,840	132,084
Ardelyx, Inc. (A)	15,127	114,663
Arena Pharmaceuticals, Inc. (A)	10,353	706,075
Argenx SE (A)	7,456	2,249,590
Arrowhead Pharmaceuticals, Inc. (A)	45,503	3,768,558
Atara Biotherapeutics, Inc. (A)	14,214	221,028
Athenex, Inc. (A)	15,592	72,035
Athersys, Inc. (A)(C)	40,645	58,529
Atossa Therapeutics, Inc. (A)	20,132	127,234
Avid Bioservices, Inc. (A)	10,318	264,657
Avidity Biosciences, Inc. (A)	5,310	131,210
Avita Medical, Inc. (A)	4,372	89,713
AvroBio, Inc. (A)	6,838	60,790
Beam Therapeutics, Inc. (A)	7,940	1,021,957
BeyondSpring, Inc. (A)(C)	4,926	51,427
BioAtla, Inc. (A)(C)	2,152	91,202
BioCryst Pharmaceuticals, Inc. (A)	30,127	476,308
Biogen, Inc. (A)	20,455	7,082,953
Biohaven Pharmaceutical Holding Company, Ltd. (A)	9,121	885,467
Bioxcel Therapeutics, Inc. (A)	2,726	79,218
Black Diamond Therapeutics, Inc. (A)	4,280	52,173
Bluebird Bio, Inc. (A)	11,501	367,802
Blueprint Medicines Corp. (A)	9,882	869,221
BridgeBio Pharma, Inc. (A)	18,147	1,106,241
Brooklyn ImmunoTherapeutics, Inc. (A)	4,234	76,254
C4 Therapeutics, Inc. (A)(C)	5,897	223,142
Cardiff Oncology, Inc. (A)	6,792	45,167

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
CareDx, Inc. (A)	8,464	\$ 774,625
Catalyst Pharmaceuticals, Inc. (A)	17,356	99,797
Celldex Therapeutics, Inc. (A)	6,688	223,647
CEL-SCI Corp. (A)(C)	6,071	52,696
Cerevel Therapeutics Holdings, Inc. (A)	6,285	161,022
ChemoCentryx, Inc. (A)	9,433	126,308
Chimerix, Inc. (A)	12,872	102,976
Chinook Therapeutics, Inc. (A)	5,652	79,806
Clene, Inc. (A)	4,162	46,781
Clovis Oncology, Inc. (A)(C)	17,159	99,522
Codiak Biosciences, Inc. (A)	2,881	53,385
Cogent Biosciences, Inc. (A)	6,947	56,340
Coherus Biosciences, Inc. (A)	11,042	152,711
Constellation Pharmaceuticals, Inc. (A)	6,272	211,994
Cortexyme, Inc. (A)(C)	3,428	181,684
Crinetics Pharmaceuticals, Inc. (A)	6,612	124,636
CSL, Ltd.	74,008	15,827,975
Cue Biopharma, Inc. (A)	5,619	65,461
Cullinan Oncology, Inc. (A)	2,386	61,440
Curis, Inc. (A)	14,865	119,961
Cytokinetics, Inc. (A)	11,660	230,751
CytomX Therapeutics, Inc. (A)	12,083	76,485
Deciphera Pharmaceuticals, Inc. (A)	6,744	246,898
Denali Therapeutics, Inc. (A)	15,362	1,204,995
DermTech, Inc. (A)(C)	4,034	167,693
Design Therapeutics, Inc. (A)	2,466	49,049
Dicerna Pharmaceuticals, Inc. (A)	11,707	436,905
Dynavax Technologies Corp. (A)	18,594	183,151
Dyne Therapeutics, Inc. (A)	5,301	111,533
Eagle Pharmaceuticals, Inc. (A)	2,167	92,748
Editas Medicine, Inc. (A)	11,566	655,098
Eiger BioPharmaceuticals, Inc. (A)	6,586	56,113
Emergent BioSolutions, Inc. (A)	20,684	1,302,885
Enanta Pharmaceuticals, Inc. (A)	3,361	147,918
Epizyme, Inc. (A)	15,781	131,140
Esperion Therapeutics, Inc. (A)(C)	4,687	99,130
Evelo Biosciences, Inc. (A)(C)	5,436	74,691
Exelixis, Inc. (A)	85,594	1,559,523
Fate Therapeutics, Inc. (A)	13,531	1,174,355
FibroGen, Inc. (A)	14,626	389,490
Flexion Therapeutics, Inc. (A)	8,963	73,765
Forma Therapeutics Holdings, Inc. (A)	5,629	140,106
Forte Biosciences, Inc. (A)	2,067	69,493
Fortress Biotech, Inc. (A)	14,091	50,305
Frequency Therapeutics, Inc. (A)	5,894	58,704
G1 Therapeutics, Inc. (A)	6,772	148,578
Generation Bio Company (A)	7,520	202,288
Genmab A/S (A)	10,661	4,368,265
Geron Corp. (A)(C)	57,733	81,404
Gilead Sciences, Inc.	170,396	11,733,469
Global Blood Therapeutics, Inc. (A)	10,174	356,293
Gossamer Bio, Inc. (A)	11,394	92,519
Grifols SA	48,517	1,315,629
Gritstone bio, Inc. (A)(C)	7,180	65,553
GT Biopharma, Inc. (A)	4,293	66,542
Halozyme Therapeutics, Inc. (A)	60,350	2,740,494
Harpoon Therapeutics, Inc. (A)	3,565	49,447
Heron Therapeutics, Inc. (A)	15,949	247,528
Homology Medicines, Inc. (A)	8,371	60,857
Humanigen, Inc. (A)	7,716	134,104
iBio, Inc. (A)	40,821	61,640
Ideaya Biosciences, Inc. (A)	4,960	104,110
IGM Biosciences, Inc. (A)	1,428	118,810
ImmunityBio, Inc. (A)	11,400	162,792
ImmunoGen, Inc. (A)	33,666	221,859

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Immunovant, Inc. (A)	6,676	\$ 70,565
Incyte Corp. (A)	25,397	2,136,650
Infinity Pharmaceuticals, Inc. (A)	16,774	50,154
Inhibrx, Inc. (A)	4,952	136,279
Inovio Pharmaceuticals, Inc. (A)(C)	35,049	324,904
Insmed, Inc. (A)	17,497	497,965
Instil Bio, Inc. (A)	3,117	60,220
Intellia Therapeutics, Inc. (A)	10,779	1,745,228
Intercept Pharmaceuticals, Inc. (A)	4,905	97,953
Invitae Corp. (A)	33,747	1,138,286
Ironwood Pharmaceuticals, Inc. (A)	24,527	315,662
iTeos Therapeutics, Inc. (A)	3,606	92,494
IVERIC bio, Inc. (A)	16,090	101,528
Kadmon Holdings, Inc. (A)	30,891	119,548
KalVista Pharmaceuticals, Inc. (A)	3,539	84,794
Karuna Therapeutics, Inc. (A)	3,779	430,768
Karyopharm Therapeutics, Inc. (A)	12,497	128,969
Keros Therapeutics, Inc. (A)	2,732	116,028
Kiniksa Pharmaceuticals, Ltd., Class A (A)	5,451	75,932
Kinnate Biopharma, Inc. (A)	2,565	59,713
Kodiak Sciences, Inc. (A)	5,674	527,682
Kronos Bio, Inc. (A)(C)	6,715	160,824
Kryстал Biotech, Inc. (A)	3,093	210,324
Kura Oncology, Inc. (A)	10,890	227,057
Kymera Therapeutics, Inc. (A)	4,957	240,415
Lexicon Pharmaceuticals, Inc. (A)	12,161	55,819
Ligand Pharmaceuticals, Inc. (A)	7,087	929,744
Lineage Cell Therapeutics, Inc. (A)(C)	23,474	66,901
MacroGenics, Inc. (A)	10,014	268,976
Madrigal Pharmaceuticals, Inc. (A)	1,950	189,950
Magenta Therapeutics, Inc. (A)	5,853	57,242
MannKind Corp. (A)	42,062	229,238
MEI Pharma, Inc. (A)	20,740	59,109
MeiraGTx Holdings PLC (A)	5,754	89,187
Mersana Therapeutics, Inc. (A)	12,017	163,191
MiMedx Group, Inc. (A)	19,114	239,116
Molecular Templates, Inc. (A)	6,983	54,607
Morphic Holding, Inc. (A)	3,531	202,644
Mustang Bio, Inc. (A)	14,830	49,236
Myriad Genetics, Inc. (A)	12,981	396,959
Neoleukin Therapeutics, Inc. (A)	6,640	61,287
Neurocrine Biosciences, Inc. (A)	25,823	2,513,094
Nkarta, Inc. (A)(C)	2,521	79,890
Nurix Therapeutics, Inc. (A)	5,420	143,793
Ocugen, Inc. (A)	31,215	250,656
Olema Pharmaceuticals, Inc. (A)	2,297	64,270
Oncocyte Corp. (A)	12,776	73,334
Oncorus, Inc. (A)	3,876	53,489
OPKO Health, Inc. (A)(C)	66,251	268,317
Organogenesis Holdings, Inc. (A)	6,568	109,160
ORIC Pharmaceuticals, Inc. (A)	5,294	93,651
Passage Bio, Inc. (A)	6,578	87,093
PDL BioPharma, Inc. (A)(D)	23,030	38,921
PeptiDream, Inc. (A)	15,600	762,384
Pfenex, Inc. (A)(D)	6,194	6,790
PMV Pharmaceuticals, Inc. (A)	4,574	156,248
Poseida Therapeutics, Inc. (A)(C)	5,455	54,659
Praxis Precision Medicines, Inc. (A)	4,334	79,226
Precigen, Inc. (A)(C)	16,452	107,267
Precision BioSciences, Inc. (A)	8,333	104,329
Prelude Therapeutics, Inc. (A)(C)	1,961	56,143
Progenics Pharmaceuticals, Inc. (A)(D)	15,140	646
Protagonist Therapeutics, Inc. (A)	7,017	314,923
Prothena Corp. PLC (A)	5,817	299,052
PTC Therapeutics, Inc. (A)	11,776	497,772

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Puma Biotechnology, Inc. (A)	6,418	\$ 58,917
Radius Health, Inc. (A)	8,127	148,236
RAPT Therapeutics, Inc. (A)	3,190	101,410
Recursion Pharmaceuticals, Inc., Class A (A)	3,626	132,349
Regeneron Pharmaceuticals, Inc. (A)	14,224	7,944,673
REGENXBIO, Inc. (A)	6,765	262,820
Relay Therapeutics, Inc. (A)	9,959	364,400
Replimune Group, Inc. (A)	4,617	177,385
REVOLUTION Medicines, Inc. (A)	10,125	321,368
Rhythm Pharmaceuticals, Inc. (A)	7,755	151,843
Rigel Pharmaceuticals, Inc. (A)	30,861	133,937
Rocket Pharmaceuticals, Inc. (A)	6,800	301,172
Rubius Therapeutics, Inc. (A)	7,698	187,908
Sana Biotechnology, Inc. (A)	4,680	92,009
Sangamo Therapeutics, Inc. (A)	20,153	241,231
Scholar Rock Holding Corp. (A)	4,812	139,067
Selecta Biosciences, Inc. (A)	16,060	67,131
Seres Therapeutics, Inc. (A)	11,843	282,456
Sesen Bio, Inc. (A)	29,790	137,630
Shattuck Labs, Inc. (A)	4,619	133,905
Silverback Therapeutics, Inc. (A)(C)	2,335	72,128
Sorrento Therapeutics, Inc. (A)(C)	46,072	446,438
Spectrum Pharmaceuticals, Inc. (A)	27,746	104,048
Spero Therapeutics, Inc. (A)	4,771	66,603
SpringWorks Therapeutics, Inc. (A)	4,970	409,578
SQZ Biotechnologies Company (A)	4,312	62,308
Stemline Therapeutics, Inc. (A)(D)	8,040	2,653
Stoke Therapeutics, Inc. (A)	3,342	112,492
Sutro Biopharma, Inc. (A)	7,549	140,336
Syndax Pharmaceuticals, Inc. (A)	7,763	133,291
Syros Pharmaceuticals, Inc. (A)	10,817	58,953
Taysha Gene Therapies, Inc. (A)(C)	3,962	83,994
TCR2 Therapeutics, Inc. (A)	5,533	90,797
TG Therapeutics, Inc. (A)	21,639	839,377
Tonix Pharmaceuticals Holding Corp. (A)	59,879	66,466
Translate Bio, Inc. (A)	11,319	311,725
Traverse Therapeutics, Inc. (A)	10,120	147,651
Trevena, Inc. (A)	31,503	53,240
Trillium Therapeutics, Inc. (A)	16,760	162,572
Turning Point Therapeutics, Inc. (A)	7,792	607,932
Twist Bioscience Corp. (A)	7,969	1,061,869
United Therapeutics Corp. (A)	12,235	2,195,081
UroGen Pharma, Ltd. (A)(C)	3,842	58,667
Vanda Pharmaceuticals, Inc. (A)	9,486	204,044
Vaxart, Inc. (A)(C)	20,365	152,534
Vaxcyte, Inc. (A)	6,968	156,850
VBI Vaccines, Inc. (A)(C)	32,622	109,284
Veracyte, Inc. (A)	11,451	457,811
Verastem, Inc. (A)	30,034	122,238
Vericel Corp. (A)	7,880	413,700
Vertex Pharmaceuticals, Inc. (A)	35,170	7,091,327
Viking Therapeutics, Inc. (A)	12,580	75,354
Vir Biotechnology, Inc. (A)	10,159	480,318
Viracta Therapeutics, Inc. (A)	6,517	73,903
VistaGen Therapeutics, Inc. (A)	34,459	108,546
Xencor, Inc. (A)	9,677	333,760
Y-mAbs Therapeutics, Inc. (A)	6,029	203,780
Zentalis Pharmaceuticals, Inc. (A)	5,643	300,208
ZIOPHARM Oncology, Inc. (A)(C)	37,130	98,023
		175,801,788
<b>Health care equipment and supplies – 3.0%</b>		
Abbott Laboratories	241,403	27,985,850
ABIOMED, Inc. (A)	6,154	1,920,725
Accelerate Diagnostics, Inc. (A)(C)	6,176	49,779

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Accuray, Inc. (A)	17,383	\$ 78,571
Acutus Medical, Inc. (A)	3,020	51,280
Alcon, Inc.	81,276	5,700,496
Align Technology, Inc. (A)	9,784	5,978,024
Alphatec Holdings, Inc. (A)	11,772	180,347
Ambu A/S, Class B	27,242	1,048,217
AngioDynamics, Inc. (A)	6,355	172,411
Apyx Medical Corp. (A)	6,031	62,180
Asahi Intecc Company, Ltd.	33,900	810,499
Asensus Surgical, Inc. (A)	40,120	127,180
Aspira Women's Health, Inc. (A)(C)	12,943	72,740
AtriCure, Inc. (A)	7,549	598,862
Atrion Corp.	240	149,023
Avanos Medical, Inc. (A)	8,059	293,106
Axogen, Inc. (A)	6,635	143,382
Axonics, Inc. (A)	7,033	445,963
Baxter International, Inc.	68,319	5,499,680
Becton, Dickinson and Company	39,511	9,608,680
BioLife Solutions, Inc. (A)	4,254	189,346
BioMerieux	6,738	782,894
Boston Scientific Corp. (A)	193,049	8,254,775
Butterfly Network, Inc. (A)(C)	5,476	79,292
Cardiovascular Systems, Inc. (A)	6,704	285,926
Carl Zeiss Meditec AG, Bearer Shares	6,546	1,265,375
Cerus Corp. (A)	29,213	172,649
ClearPoint Neuro, Inc. (A)	3,451	65,880
Cochlear, Ltd.	10,693	2,017,417
Coloplast A/S, B Shares	19,323	3,172,512
CONMED Corp.	4,838	664,886
CryoLife, Inc. (A)	6,376	181,078
CryoPort, Inc. (A)	6,875	433,813
Cutera, Inc. (A)	3,054	149,738
CytoSorbents Corp. (A)	8,091	61,087
Danaher Corp.	86,248	23,145,513
DarioHealth Corp. (A)	2,554	54,553
Demant A/S (A)	17,617	992,796
Dentsply Sirona, Inc.	29,661	1,876,355
DexCom, Inc. (A)	13,139	5,610,353
DiaSorin SpA	4,095	774,838
Eargo, Inc. (A)	3,337	133,180
Edwards Lifesciences Corp. (A)	84,457	8,747,211
Envista Holdings Corp. (A)	43,912	1,897,438
Fisher & Paykel Healthcare Corp., Ltd.	93,745	2,039,367
Glaukos Corp. (A)	7,571	642,248
Globus Medical, Inc., Class A (A)	21,195	1,643,248
GN Store Nord A/S	20,826	1,821,231
Haemonetics Corp. (A)	22,396	1,492,469
Heska Corp. (A)	1,610	369,865
Hill-Rom Holdings, Inc.	18,154	2,062,113
Hologic, Inc. (A)	34,812	2,322,657
Hoya Corp.	60,607	8,016,509
ICU Medical, Inc. (A)	5,390	1,109,262
IDEXX Laboratories, Inc. (A)	11,586	7,317,138
Inari Medical, Inc. (A)	5,743	535,707
Inogen, Inc. (A)	3,283	213,953
Integer Holdings Corp. (A)	5,488	516,970
Integra LifeSciences Holdings Corp. (A)	19,398	1,323,720
Intersect ENT, Inc. (A)	6,040	103,224
Intuitive Surgical, Inc. (A)	16,088	14,795,168
Invacare Corp. (A)	6,393	51,592
iRhythm Technologies, Inc. (A)	5,001	331,816
Koninklijke Philips NV	148,182	7,354,889
Lantheus Holdings, Inc. (A)	11,378	314,488
LeMaitre Vascular, Inc.	3,079	187,881
LivaNova PLC (A)	21,601	1,816,860

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Masimo Corp. (A)	13,820	\$ 3,350,659
Medtronic PLC	182,790	22,689,723
Meridian Bioscience, Inc. (A)	7,325	162,469
Merit Medical Systems, Inc. (A)	8,638	558,533
Mesa Laboratories, Inc.	812	220,190
Misonix, Inc. (A)	2,463	54,629
Natus Medical, Inc. (A)	5,626	146,163
Neogen Corp. (A)	47,292	2,177,324
Neuronetics, Inc. (A)	4,497	72,042
Nevro Corp. (A)	5,806	962,577
NuVasive, Inc. (A)	22,757	1,542,469
Olympus Corp.	189,508	3,769,489
OraSure Technologies, Inc. (A)	12,191	123,617
Ortho Clinical Diagnostics Holdings PLC (A)	14,844	317,810
Orthofix Medical, Inc. (A)	3,323	133,286
OrthoPediatrics Corp. (A)	2,373	149,926
Outset Medical, Inc. (A)	7,739	386,795
PAVmed, Inc. (A)(C)	12,755	81,632
Penumbra, Inc. (A)	9,267	2,539,714
Pulmonx Corp. (A)	4,344	191,657
Quidel Corp. (A)	10,576	1,354,997
Quotient, Ltd. (A)	14,426	52,511
ResMed, Inc.	19,770	4,873,700
SeaSpine Holdings Corp. (A)	5,590	114,651
Senseonics Holdings, Inc. (A)(C)	70,286	269,898
Shockwave Medical, Inc. (A)	5,687	1,078,995
SI-BONE, Inc. (A)	5,535	174,186
Siemens Healthineers AG (B)	43,712	2,680,123
Sientra, Inc. (A)	10,432	83,039
Silk Road Medical, Inc. (A)	5,784	276,822
Smith & Nephew PLC	142,664	3,093,986
Sonova Holding AG	8,963	3,375,956
STAAR Surgical Company (A)	20,730	3,161,325
Stereotaxis, Inc. (A)	8,970	86,471
STERIS PLC	13,266	2,736,776
Straumann Holding AG	1,682	2,682,864
Stryker Corp.	44,532	11,566,296
Surmodics, Inc. (A)	2,403	130,363
Sysmex Corp.	27,279	3,236,237
Tactile Systems Technology, Inc. (A)	3,268	169,936
Teleflex, Inc.	6,349	2,550,965
Terumo Corp.	105,034	4,254,137
The Cooper Companies, Inc.	6,691	2,651,443
TransMedics Group, Inc. (A)	4,465	148,149
Treace Medical Concepts, Inc. (A)	1,889	59,050
Utah Medical Products, Inc.	820	69,733
Vapotherm, Inc. (A)	3,970	93,851
Varex Imaging Corp. (A)	6,530	175,135
ViewRay, Inc. (A)	23,552	155,443
West Pharmaceutical Services, Inc.	10,030	3,601,773
Zimmer Biomet Holdings, Inc.	28,325	4,555,227
Zynex, Inc. (A)(C)	3,793	58,905
		277,571,922
<b>Health care providers and services – 1.9%</b>		
ILife Healthcare, Inc. (A)	19,690	650,951
Acadia Healthcare Company, Inc. (A)	24,510	1,538,003
Accolade, Inc. (A)	8,514	462,395
AdaptHealth Corp. (A)	13,344	365,759
Addus HomeCare Corp. (A)	2,636	229,965
Agiliti, Inc. (A)	3,869	84,615
Alignment Healthcare, Inc. (A)	4,523	105,703
Amedisys, Inc. (A)	8,896	2,178,897
AmerisourceBergen Corp.	20,093	2,300,448
AMN Healthcare Services, Inc. (A)	7,902	766,336

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
Amplifon SpA	20,252	\$ 1,001,334
Anthem, Inc.	33,265	12,700,577
Apollo Medical Holdings, Inc. (A)	6,134	385,277
Aveanna Healthcare Holdings, Inc. (A)	6,589	81,506
Brookdale Senior Living, Inc. (A)	31,441	248,384
Cardinal Health, Inc.	39,420	2,250,488
Castle Biosciences, Inc. (A)	3,630	266,188
Centene Corp. (A)	79,172	5,774,014
Chemed Corp.	4,356	2,066,922
Cigna Corp.	46,621	11,052,440
Community Health Systems, Inc. (A)	20,935	323,236
CorVel Corp. (A)	1,476	198,227
Covetrus, Inc. (A)	17,505	472,635
Cross Country Healthcare, Inc. (A)	6,677	110,237
CVS Health Corp.	178,872	14,925,080
DaVita, Inc. (A)	9,523	1,146,855
Encompass Health Corp.	27,187	2,121,402
Fresenius Medical Care AG & Company KGaA	33,346	2,770,926
Fresenius SE & Company KGaA	68,013	3,549,590
Fulgent Genetics, Inc. (A)(C)	3,436	316,902
Hanger, Inc. (A)	6,394	161,640
HCA Healthcare, Inc.	35,706	7,381,858
HealthEquity, Inc. (A)	36,532	2,940,095
Henry Schein, Inc. (A)	19,115	1,418,142
Humana, Inc.	17,528	7,759,996
InfuSystem Holdings, Inc. (A)	3,463	71,996
Innovage Holding Corp. (A)	3,204	68,277
Laboratory Corp. of America Holdings (A)	13,266	3,659,426
LHC Group, Inc. (A)	13,775	2,758,582
Magellan Health, Inc. (A)	3,952	372,278
McKesson Corp.	21,491	4,109,939
Medipal Holdings Corp.	29,841	570,516
MEDNAX, Inc. (A)	12,850	387,428
ModivCare, Inc. (A)	2,109	358,678
Molina Healthcare, Inc. (A)	15,951	4,036,560
National HealthCare Corp.	2,110	147,489
National Research Corp.	2,432	111,629
NMC Health PLC (A)	19,536	7,361
Ontrak, Inc. (A)	1,600	51,968
Option Care Health, Inc. (A)	18,778	410,675
Orpea SA	8,410	1,070,704
Owens & Minor, Inc.	12,230	517,696
Patterson Companies, Inc.	38,199	1,160,868
PetIQ, Inc. (A)	4,493	173,430
Privia Health Group, Inc. (A)	3,348	148,551
Progyny, Inc. (A)	20,827	1,228,793
Quest Diagnostics, Inc.	17,749	2,342,336
R1 RCM, Inc. (A)	60,038	1,335,245
RadNet, Inc. (A)	7,638	257,324
Ramsay Health Care, Ltd.	29,782	1,405,137
Ryman Healthcare, Ltd.	69,125	634,335
Select Medical Holdings Corp.	18,589	785,571
SOC Telemed, Inc. (A)	7,790	44,325
Sonic Healthcare, Ltd.	73,834	2,127,560
Surgery Partners, Inc. (A)	5,377	358,216
Tenet Healthcare Corp. (A)	47,030	3,150,540
The Ensign Group, Inc.	8,851	767,116
The Joint Corp. (A)	2,345	196,792
The Pennant Group, Inc. (A)	4,441	181,637
Tivity Health, Inc. (A)	7,585	199,561
Triple-S Management Corp. (A)	4,051	90,216
UnitedHealth Group, Inc.	128,214	51,342,014
Universal Health Services, Inc., Class B	10,593	1,551,133
US Physical Therapy, Inc.	2,181	252,712

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
Viemed Healthcare, Inc. (A)	7,148	\$ 51,108
		178,602,745
<b>Health care technology – 0.2%</b>		
Allscripts Healthcare Solutions, Inc. (A)	23,736	439,353
American Well Corp., Class A (A)	32,862	413,404
Castlight Health, Inc., B Shares (A)	23,281	61,229
Cerner Corp.	40,938	3,199,714
Computer Programs & Systems, Inc.	2,671	88,757
Evolent Health, Inc., Class A (A)	13,323	281,382
Health Catalyst, Inc. (A)	7,542	418,656
HealthStream, Inc. (A)	4,414	123,327
ICAD, Inc. (A)	4,060	70,279
Inovalon Holdings, Inc., Class A (A)	12,723	433,600
Inspire Medical Systems, Inc. (A)	4,533	876,048
M3, Inc.	71,786	5,230,207
Multiplan Corp. (A)	67,322	640,905
NextGen Healthcare, Inc. (A)	9,732	161,454
Omniceil, Inc. (A)	7,227	1,094,529
OptimizeRx Corp. (A)	2,902	179,634
Phreesia, Inc. (A)	6,493	398,021
Schrodinger, Inc. (A)	7,672	580,080
Simulations Plus, Inc.	2,633	144,578
Tabula Rasa HealthCare, Inc. (A)(C)	3,865	193,250
Vocera Communications, Inc. (A)	5,742	228,819
		15,257,226
<b>Life sciences tools and services – 1.0%</b>		
Agilent Technologies, Inc.	41,227	6,093,763
Berkeley Lights, Inc. (A)	8,101	363,006
Bionano Genomics, Inc. (A)(C)	47,628	349,113
Bio-Rad Laboratories, Inc., Class A (A)	2,928	1,886,481
Bio-Techne Corp.	10,622	4,782,662
Charles River Laboratories International, Inc. (A)	6,827	2,525,444
ChromaDex Corp. (A)(C)	8,440	83,218
Codexis, Inc. (A)	10,369	234,962
Eurofins Scientific SE	21,717	2,483,962
Fluidigm Corp. (A)(C)	13,044	80,351
Harvard Bioscience, Inc. (A)	7,892	65,740
Illumina, Inc. (A)	19,836	9,386,594
Inotiv, Inc. (A)	2,394	63,872
IQVIA Holdings, Inc. (A)	26,040	6,310,013
Lonza Group AG	12,112	8,586,881
Luminex Corp.	7,676	282,477
Medpace Holdings, Inc. (A)	12,442	2,197,630
Mettler-Toledo International, Inc. (A)	3,161	4,379,060
NanoString Technologies, Inc. (A)	7,672	497,069
NeoGenomics, Inc. (A)	19,134	864,283
Pacific Biosciences of California, Inc. (A)	32,768	1,145,897
PerkinElmer, Inc.	15,229	2,351,510
Personalis, Inc. (A)	6,123	154,912
QIAGEN NV (A)	37,544	1,814,820
Quanterix Corp. (A)	5,261	308,610
Repligen Corp. (A)	13,946	2,783,901
Sartorius Stedim Biotech	4,498	2,128,860
Seer, Inc. (A)	2,653	86,965
Syneos Health, Inc. (A)	27,657	2,475,025
Thermo Fisher Scientific, Inc.	53,398	26,937,689
Waters Corp. (A)	8,383	2,897,249
		94,602,019
<b>Pharmaceuticals – 4.4%</b>		
9 Meters Biopharma, Inc. (A)	39,600	43,560
Aclaris Therapeutics, Inc. (A)	7,391	129,786
Aerie Pharmaceuticals, Inc. (A)	7,475	119,675
Amneal Pharmaceuticals, Inc. (A)	17,329	88,724

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
Amphastar Pharmaceuticals, Inc. (A)	6,488	\$ 130,798
Ampio Pharmaceuticals, Inc. (A)	34,525	57,657
ANI Pharmaceuticals, Inc. (A)	1,892	66,315
Antares Pharma, Inc. (A)	29,493	128,589
Arvinas, Inc. (A)	7,373	567,721
Astellas Pharma, Inc.	302,847	5,277,611
AstraZeneca PLC	213,510	25,651,972
Atea Pharmaceuticals, Inc. (A)(C)	10,993	236,130
Athira Pharma, Inc. (A)	5,938	60,805
Axsome Therapeutics, Inc. (A)	4,717	318,209
Bayer AG	159,791	9,714,524
BioDelivery Sciences International, Inc. (A)	19,068	68,263
Bristol-Myers Squibb Company	303,507	20,280,338
Cara Therapeutics, Inc. (A)	7,796	111,249
Cassava Sciences, Inc. (A)(C)	6,448	550,917
Catalent, Inc. (A)	23,143	2,502,221
Chugai Pharmaceutical Company, Ltd.	109,202	4,328,394
Citius Pharmaceuticals, Inc. (A)	20,595	71,671
Collegium Pharmaceutical, Inc. (A)	6,113	144,511
Corcept Therapeutics, Inc. (A)	16,419	361,218
CorMedix, Inc. (A)	7,042	48,308
Cymabay Therapeutics, Inc. (A)	13,295	57,966
Daiichi Sankyo Company, Ltd.	276,758	5,970,525
Direct Corp. (A)	43,508	70,918
Edgewise Therapeutics, Inc. (A)	2,239	47,758
Eisai Company, Ltd.	38,568	3,790,355
Elanco Animal Health, Inc. (A)(D)	9,534	0
Eli Lilly & Company	108,145	24,821,440
Endo International PLC (A)	39,022	182,623
Evolus, Inc. (A)(C)	5,633	71,257
GlaxoSmithKline PLC	818,294	16,086,910
Harmony Biosciences Holdings, Inc. (A)	3,909	110,351
Hikma Pharmaceuticals PLC	28,118	951,566
Hisamitsu Pharmaceutical Company, Inc.	8,284	409,018
Innoviva, Inc. (A)	10,960	146,974
Intra-Cellular Therapies, Inc. (A)	11,943	487,513
Ipsen SA	6,135	638,391
Jazz Pharmaceuticals PLC (A)	16,414	2,915,783
Johnson & Johnson	357,780	58,940,677
Kala Pharmaceuticals, Inc. (A)	9,066	48,050
KemPharm, Inc. (A)	5,160	66,151
Kyowa Kirin Company, Ltd.	43,959	1,563,424
Marinus Pharmaceuticals, Inc. (A)(C)	6,455	115,803
Merck & Company, Inc.	344,012	26,753,813
Merck KGaA	21,021	4,033,428
Mind Medicine MindMed, Inc. (A)	54,813	189,105
Nektar Therapeutics (A)	49,793	854,448
NGM Biopharmaceuticals, Inc. (A)	5,452	107,513
Nippon Shinyaku Company, Ltd.	8,000	636,461
Novartis AG	361,140	32,945,552
Novo Nordisk A/S, B Shares	280,073	23,444,521
Nuvation Bio, Inc. (A)	6,178	57,517
Ocular Therapeutix, Inc. (A)	13,185	186,963
Omeros Corp. (A)(C)	10,461	155,241
Ono Pharmaceutical Company, Ltd.	60,200	1,342,471
Oramed Pharmaceuticals, Inc. (A)	4,966	66,445
Organon & Company (A)	34,377	1,040,248
Orion OYJ, Class B	17,256	741,912
Otsuka Holdings Company, Ltd. (C)	63,493	2,636,357
Pacira BioSciences, Inc. (A)	7,367	447,030
Paratek Pharmaceuticals, Inc. (A)(C)	8,860	60,425
Perrigo Company PLC	18,144	831,902
Pfizer, Inc.	760,517	29,781,846
Phathom Pharmaceuticals, Inc. (A)	3,543	119,931

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
Phibro Animal Health Corp., Class A	3,720	\$ 107,434
Pliant Therapeutics, Inc. (A)	4,184	121,838
Prestige Consumer Healthcare, Inc. (A)	8,331	434,045
Provention Bio, Inc. (A)(C)	10,144	85,514
Reata Pharmaceuticals, Inc., Class A (A)	4,634	655,850
Recordati Industria Chimica e Farmaceutica SpA	17,007	972,839
Relmada Therapeutics, Inc. (A)	2,747	87,931
Revance Therapeutics, Inc. (A)	11,987	355,295
Roche Holding AG	114,271	43,061,636
Roche Holding AG, Bearer Shares	5,205	2,116,875
Sanofi	184,294	19,362,403
Santen Pharmaceutical Company, Ltd.	58,600	808,776
Seelos Therapeutics, Inc. (A)	14,044	37,076
Shionogi & Company, Ltd.	43,111	2,246,772
SIGA Technologies, Inc. (A)	9,629	60,470
Sumitomo Dainippon Pharma Company, Ltd.	29,092	610,181
Supernus Pharmaceuticals, Inc. (A)	8,279	254,910
Taisho Pharmaceutical Holdings Company, Ltd.	5,516	295,284
Takeda Pharmaceutical Company, Ltd.	256,398	8,604,857
Tarsus Pharmaceuticals, Inc. (A)	1,604	46,484
Teva Pharmaceutical Industries, Ltd., ADR (A)	178,308	1,765,249
TherapeuticsMD, Inc. (A)(C)	65,548	78,002
Theravance Biopharma, Inc. (A)	9,267	134,557
UCB SA	20,564	2,153,701
Viatis, Inc.	164,211	2,346,575
Vifor Pharma AG	7,929	1,027,344
WaVe Life Sciences, Ltd. (A)	7,124	47,446
Zoetis, Inc.	64,503	12,020,779
Zogenix, Inc. (A)	9,803	169,396
		415,055,267
		1,156,890,967
<b>Industrials – 11.1%</b>		
<b>Aerospace and defense – 1.3%</b>		
AAR Corp. (A)	5,693	220,604
Aerojet Rocketdyne Holdings, Inc.	12,513	604,253
AeroVironment, Inc. (A)	3,780	378,567
Airbus SE (A)	95,656	12,325,540
Astronics Corp. (A)	4,569	80,003
Axon Enterprise, Inc. (A)	17,667	3,123,526
BAE Systems PLC	523,711	3,784,345
Byrna Technologies, Inc. (A)	2,001	45,463
Curtiss-Wright Corp.	11,181	1,327,856
Dassault Aviation SA	407	479,439
Ducommun, Inc. (A)	1,950	106,392
Elbit Systems, Ltd.	4,314	558,865
General Dynamics Corp.	31,100	5,854,886
Hexcel Corp. (A)	22,881	1,427,774
Howmet Aerospace, Inc. (A)	53,107	1,830,598
Huntington Ingalls Industries, Inc.	5,466	1,151,960
Kaman Corp.	4,713	237,535
Kratos Defense & Security Solutions, Inc. (A)	20,687	589,373
L3Harris Technologies, Inc.	27,850	6,019,778
Lockheed Martin Corp.	33,230	12,572,571
Maxar Technologies, Inc.	12,058	481,355
Mercury Systems, Inc. (A)	15,339	1,016,669
Moog, Inc., Class A	4,813	404,581
MTU Aero Engines AG	8,676	2,151,164
National Presto Industries, Inc.	893	90,773
Northrop Grumman Corp.	20,338	7,391,439
PAE, Inc. (A)	12,268	109,185

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Aerospace and defense (continued)</b>		
Park Aerospace Corp.	4,235	\$ 63,102
Parsons Corp. (A)	4,365	171,806
Raytheon Technologies Corp.	205,844	17,560,552
Rolls-Royce Holdings PLC (A)	1,360,997	1,863,227
Safran SA	55,592	7,715,220
Singapore Technologies Engineering, Ltd.	253,952	732,759
Teledyne Technologies, Inc. (A)	6,310	2,642,817
Textron, Inc.	30,665	2,108,832
Thales SA	17,352	1,772,974
The Boeing Company (A)	74,686	17,891,778
TransDigm Group, Inc. (A)	7,458	4,827,489
Triumph Group, Inc. (A)	8,694	180,401
Vectrus, Inc. (A)	2,113	100,558
		121,996,009
<b>Air freight and logistics – 0.7%</b>		
Air Transport Services Group, Inc. (A)	10,019	232,741
Atlas Air Worldwide Holdings, Inc. (A)	4,824	328,563
CH Robinson Worldwide, Inc.	18,068	1,692,430
Deutsche Post AG	161,226	10,980,245
DSV Panalpina A/S	33,668	7,859,390
Echo Global Logistics, Inc. (A)	4,626	142,203
Expeditors International of Washington, Inc.	22,945	2,904,837
FedEx Corp.	33,166	9,894,413
Forward Air Corp.	4,555	408,811
Hub Group, Inc., Class A (A)	5,524	364,474
InPost SA (A)	32,530	654,605
Radiant Logistics, Inc. (A)	8,504	58,933
SG Holdings Company, Ltd.	52,100	1,368,105
United Parcel Service, Inc., Class B	98,272	20,437,628
XPO Logistics, Inc. (A)	27,765	3,884,046
Yamato Holdings Company, Ltd.	47,393	1,346,625
		62,558,049
<b>Airlines – 0.2%</b>		
Alaska Air Group, Inc. (A)	16,912	1,019,963
Allegiant Travel Company (A)	2,537	492,178
American Airlines Group, Inc. (A)	87,139	1,848,218
ANA Holdings, Inc. (A)	25,949	609,856
Delta Air Lines, Inc. (A)	86,904	3,759,467
Deutsche Lufthansa AG (A)(C)	48,613	546,683
Frontier Group Holdings, Inc. (A)	5,762	98,184
Hawaiian Holdings, Inc. (A)	8,695	211,897
Japan Airlines Company, Ltd. (A)	23,440	507,552
JetBlue Airways Corp. (A)	86,481	1,451,151
Mesa Air Group, Inc. (A)	6,343	59,180
Qantas Airways, Ltd. (A)	150,317	524,754
Singapore Airlines, Ltd. (A)	217,927	785,873
SkyWest, Inc. (A)	8,370	360,496
Southwest Airlines Company (A)	80,346	4,265,569
Spirit Airlines, Inc. (A)	16,287	495,776
Sun Country Airlines Holdings, Inc. (A)	2,931	108,476
United Airlines Holdings, Inc. (A)	43,962	2,298,773
		19,444,046
<b>Building products – 0.8%</b>		
A.O. Smith Corp.	18,269	1,316,464
AAON, Inc.	7,061	441,948
AGC, Inc. (C)	31,476	1,318,543
Allegion PLC	12,225	1,702,943
American Woodmark Corp. (A)	2,854	233,143
Apogee Enterprises, Inc.	4,332	176,442
Assa Abloy AB, B Shares	163,024	4,914,833
Builders FirstSource, Inc. (A)	56,574	2,413,447
Caesarstone, Ltd.	4,542	67,040
Carrier Global Corp.	110,980	5,393,628

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Building products (continued)</b>		
Cie de Saint-Gobain	82,309	\$ 5,432,052
Cornerstone Building Brands, Inc. (A)	9,333	169,674
CSW Industrials, Inc.	2,290	271,273
Daikin Industries, Ltd.	40,497	7,546,603
Fortune Brands Home & Security, Inc.	18,807	1,873,365
Geberit AG	6,025	4,525,805
Gibraltar Industries, Inc. (A)	5,524	421,536
Griffon Corp.	7,819	200,401
Insteel Industries, Inc.	3,412	109,696
JELD-WEN Holding, Inc. (A)	14,266	374,625
Johnson Controls International PLC	97,375	6,682,846
Kingspan Group PLC	25,109	2,373,132
Lennox International, Inc.	9,389	3,293,661
Lixil Corp.	43,350	1,121,783
Masco Corp.	34,480	2,031,217
Masonite International Corp. (A)	4,124	461,022
Nibe Industrier AB, B Shares	231,866	2,443,263
Owens Corning	28,531	2,793,185
PGT Innovations, Inc. (A)	9,961	231,394
Quanex Building Products Corp.	5,918	147,003
Resideo Technologies, Inc. (A)	24,354	730,620
Rockwool International A/S, B Shares	1,398	680,857
Simpson Manufacturing Company, Inc.	19,105	2,109,956
TOTO, Ltd.	23,000	1,191,706
Trane Technologies PLC	32,491	5,982,893
Trex Company, Inc. (A)	31,508	3,220,433
UFP Industries, Inc.	10,063	748,083
View, Inc. (A)	14,688	124,554
Xinyi Glass Holdings, Ltd.	296,000	1,206,037
		76,477,106
<b>Commercial services and supplies – 0.5%</b>		
ABM Industries, Inc.	11,339	502,885
ACCO Brands Corp.	16,689	144,026
Brady Corp., Class A	7,949	445,462
Brambles, Ltd.	239,127	2,052,176
BrightView Holdings, Inc. (A)	7,106	114,549
Casella Waste Systems, Inc., Class A (A)	8,261	523,995
Cimpress PLC (A)	2,953	320,135
Cintas Corp.	11,989	4,579,798
Clean Harbors, Inc. (A)	13,711	1,277,043
Copart, Inc. (A)	28,285	3,728,812
CoreCivic, Inc. (A)	20,162	211,096
Covanta Holding Corp.	20,209	355,880
Dai Nippon Printing Company, Ltd.	36,873	780,286
Deluxe Corp.	7,136	340,887
Ennis, Inc.	4,656	100,197
Harsco Corp. (A)	13,384	273,301
Healthcare Services Group, Inc.	33,173	1,047,272
Heritage-Crystal Clean, Inc. (A)	3,123	92,691
Herman Miller, Inc.	25,932	1,222,434
HNI Corp.	7,249	318,739
IAA, Inc. (A)	36,805	2,007,345
Interface, Inc.	10,039	153,597
KAR Auction Services, Inc. (A)	54,922	963,881
Kimball International, Inc., Class B	6,955	91,458
Knoll, Inc.	7,926	205,997
Matthews International Corp., Class A	5,265	189,329
Montrose Environmental Group, Inc. (A)	3,868	207,557
MSA Safety, Inc.	9,949	1,647,355
Pitney Bowes, Inc.	29,808	261,416
Rentokil Initial PLC	301,609	2,065,775
Republic Services, Inc.	28,607	3,147,056
Rollins, Inc.	30,088	1,029,010
RR Donnelley & Sons Company (A)	12,449	78,180
Secom Company, Ltd.	34,155	2,603,312

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Commercial services and supplies (continued)</b>		
Securitas AB, B Shares	50,929	\$ 804,521
Sohgo Security Services Company, Ltd.	11,600	528,504
SP Plus Corp. (A)	4,159	127,224
Steelcase, Inc., Class A	14,698	222,087
Stericycle, Inc. (A)	25,062	1,793,186
Tetra Tech, Inc.	23,822	2,907,237
The Brink's Company	21,810	1,675,880
TOPPAN, Inc.	42,662	686,083
UniFirst Corp.	2,500	586,600
US Ecology, Inc. (A)	5,514	206,885
Viad Corp. (A)	3,536	176,270
VSE Corp.	1,973	97,683
Waste Management, Inc.	52,763	7,392,624
		50,287,716
<b>Construction and engineering – 0.4%</b>		
ACS Actividades de Construccion y Servicios SA	37,897	1,015,959
AECOM (A)	39,984	2,531,787
Ameresco, Inc., Class A (A)	5,186	325,266
API Group Corp. (A)(B)	30,579	638,795
Arcosa, Inc.	8,122	477,086
Argan, Inc.	2,617	125,066
Bouygues SA	37,158	1,376,328
Comfort Systems USA, Inc.	6,016	474,001
Construction Partners, Inc., Class A (A)	4,998	156,937
Dycom Industries, Inc. (A)	13,446	1,002,130
Eiffage SA	13,549	1,380,055
EMCOR Group, Inc.	23,925	2,947,321
Ferrovial SA	78,131	2,296,145
Fluor Corp. (A)	58,319	1,032,246
Granite Construction, Inc.	7,667	318,411
Great Lakes Dredge & Dock Corp. (A)	11,286	164,888
IES Holdings, Inc. (A)	1,602	82,279
Infrastructure and Energy Alternatives, Inc. (A)	4,185	53,819
Kajima Corp.	73,085	927,435
MasTec, Inc. (A)	15,425	1,636,593
Matrix Service Company (A)	5,636	59,178
MYR Group, Inc. (A)	2,803	254,849
NV5 Global, Inc. (A)	2,196	207,544
Obayashi Corp.	105,615	842,043
Primoris Services Corp.	9,036	265,929
Quanta Services, Inc.	18,932	1,714,671
Shimizu Corp.	89,729	689,566
Skanska AB, B Shares	55,332	1,469,017
Sterling Construction Company, Inc. (A)	5,105	123,184
Taisei Corp.	31,073	1,019,828
Tutor Perini Corp. (A)	7,057	97,739
Valmont Industries, Inc.	5,804	1,370,034
Vinci SA	86,590	9,256,283
WillScot Mobile Mini Holdings Corp. (A)	29,788	830,192
		37,162,604
<b>Electrical equipment – 1.1%</b>		
ABB, Ltd.	282,118	9,584,860
Acuity Brands, Inc.	9,752	1,823,917
Allied Motion Technologies, Inc.	2,442	84,322
American Superconductor Corp. (A)	4,997	86,898
AMETEK, Inc.	31,373	4,188,296
Array Technologies, Inc. (A)	21,626	337,366
Atkore, Inc. (A)	7,918	562,178
AZZ, Inc.	4,110	212,816
Babcock & Wilcox Enterprises, Inc. (A)	9,717	76,570
Beam Global (A)	1,603	61,411
Bloom Energy Corp., Class A (A)	23,490	631,176
Eaton Corp. PLC	54,141	8,022,613



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electrical equipment (continued)</b>		
Emerson Electric Company	81,477	\$ 7,841,346
Encore Wire Corp.	3,447	261,248
EnerSys	18,845	1,841,722
Eos Energy Enterprises, Inc. (A)(C)	3,220	57,831
FuelCell Energy, Inc. (A)	54,855	488,210
Fuji Electric Company, Ltd.	20,640	963,416
Generac Holdings, Inc. (A)	8,553	3,550,778
GrafTech International, Ltd.	28,711	333,622
Hubbell, Inc.	14,835	2,771,771
Legrand SA	43,500	4,610,272
Mitsubishi Electric Corp.	296,897	4,310,123
Nidec Corp.	72,786	8,369,674
nVent Electric PLC	45,797	1,430,698
Powell Industries, Inc.	1,919	59,393
Prysman SpA	41,433	1,486,867
Regal Beloit Corp.	11,097	1,481,560
Rockwell Automation, Inc.	15,771	4,510,821
Romeo Power, Inc. (A)	7,364	59,943
Schneider Electric SE	87,622	13,813,130
Siemens Energy AG (A)	65,004	1,958,119
Siemens Gamesa Renewable Energy SA	38,776	1,296,424
Stem, Inc. (A)(C)	10,532	379,257
Sunrun, Inc. (A)	44,002	2,454,432
Thermon Group Holdings, Inc. (A)	6,096	103,876
TPI Composites, Inc. (A)	6,081	294,442
Vestas Wind Systems A/S	164,254	6,417,734
Vicor Corp. (A)	3,561	376,540
		97,195,672
<b>Industrial conglomerates – 1.1%</b>		
3M Company	78,756	15,643,304
Carlisle Companies, Inc.	14,255	2,728,122
CK Hutchison Holdings, Ltd.	439,238	3,419,382
DCC PLC	16,031	1,313,174
General Electric Company	1,192,688	16,053,580
Hitachi, Ltd.	157,394	9,019,805
Honeywell International, Inc.	94,364	20,698,743
Investment AB Latour, B Shares	24,081	790,632
Jardine Matheson Holdings, Ltd.	35,100	2,243,574
Keppel Corp., Ltd.	236,845	965,808
Melrose Industries PLC	790,200	1,700,922
Raven Industries, Inc.	6,006	347,447
Roper Technologies, Inc.	14,298	6,722,920
Siemens AG	124,427	19,756,354
Smiths Group PLC	64,468	1,419,832
Toshiba Corp.	66,628	2,878,397
		105,701,996
<b>Machinery – 2.4%</b>		
AGCO Corp.	16,876	2,200,293
AgEagle Aerial Systems, Inc. (A)(C)	11,923	62,834
Alamo Group, Inc.	1,663	253,907
Albany International Corp., Class A	5,161	460,671
Alfa Laval AB	51,168	1,808,545
Alstom SA	45,282	2,287,907
Altra Industrial Motion Corp.	10,987	714,375
Astec Industries, Inc.	3,848	242,193
Atlas Copco AB, A Shares	109,222	6,707,145
Atlas Copco AB, B Shares	63,469	3,342,685
Barnes Group, Inc.	7,940	406,925
Blue Bird Corp. (A)	2,925	72,716
Caterpillar, Inc.	74,424	16,196,895
Chart Industries, Inc. (A)	6,148	899,575
CIRCOR International, Inc. (A)	3,268	106,537
CNH Industrial NV	166,440	2,760,852
Colfax Corp. (A)	32,220	1,475,998
Columbus McKinnon Corp.	4,696	226,535

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Commercial Vehicle Group, Inc. (A)	6,184	\$ 65,736
Crane Company	13,560	1,252,537
Cummins, Inc.	19,864	4,843,042
Daifuku Company, Ltd.	16,500	1,497,013
Deere & Company	42,381	14,948,203
Desktop Metal, Inc., Class A (A)	14,189	163,174
Donaldson Company, Inc.	34,448	2,188,481
Douglas Dynamics, Inc.	3,976	161,783
Dover Corp.	19,554	2,944,832
Energy Recovery, Inc. (A)	7,348	167,387
Enerpac Tool Group Corp.	9,958	265,082
EnPro Industries, Inc.	3,478	337,888
Epiroc AB, A Shares	107,187	2,439,967
Epiroc AB, B Shares	63,431	1,245,316
ESCO Technologies, Inc.	4,277	401,225
Evoqua Water Technologies Corp. (A)	19,549	660,365
FANUC Corp.	31,218	7,486,008
Federal Signal Corp.	10,039	403,869
Flowerserve Corp.	35,592	1,435,069
Fortive Corp.	45,993	3,207,552
Franklin Electric Company, Inc.	7,769	626,337
GEA Group AG	24,953	1,011,099
Graco, Inc.	46,277	3,503,169
Harmonic Drive Systems, Inc.	7,000	384,709
Helios Technologies, Inc.	5,520	430,836
Hillenbrand, Inc.	12,657	557,921
Hino Motors, Ltd.	46,742	413,438
Hitachi Construction Machinery Company, Ltd.	17,452	534,483
Hoshizaki Corp.	8,800	747,584
Hydrofarm Holdings Group, Inc. (A)	1,913	113,077
Hyllion Holdings Corp. (A)(C)	19,987	232,849
Hyster-Yale Materials Handling, Inc.	1,740	126,985
IDEX Corp.	10,316	2,270,036
Illinois Tool Works, Inc.	39,054	8,730,912
Ingersoll Rand, Inc. (A)	50,719	2,475,594
ITT, Inc.	23,516	2,153,830
John Bean Technologies Corp.	5,269	751,465
Kadant, Inc.	1,925	338,973
Kennametal, Inc.	36,913	1,325,915
KION Group AG	11,737	1,253,049
Knorr-Bremse AG	11,799	1,357,552
Komatsu, Ltd.	142,376	3,527,160
Kone OYJ, B Shares	55,283	4,511,878
Kubota Corp. (C)	167,052	3,379,411
Kurita Water Industries, Ltd.	16,027	770,395
Lincoln Electric Holdings, Inc.	16,261	2,141,736
Lindsay Corp.	1,817	300,314
Luxfer Holdings PLC	5,195	115,589
Lydall, Inc. (A)	3,098	187,491
Makita Corp.	36,452	1,716,419
Meritor, Inc. (A)	11,820	276,824
Miller Industries, Inc.	2,110	83,218
MINEBEA MITSUMI, Inc.	59,000	1,558,859
MISUMI Group, Inc.	46,200	1,563,488
Mitsubishi Heavy Industries, Ltd.	52,163	1,539,966
Miura Company, Ltd.	14,300	620,948
Mueller Industries, Inc.	9,381	406,291
Mueller Water Products, Inc., Class A	26,498	382,101
Nabtesco Corp.	18,289	689,990
Navistar International Corp. (A)	8,384	373,088
NGK Insulators, Ltd.	41,961	706,194
Nikola Corp. (A)(C)	33,722	609,019
NN, Inc. (A)	9,185	67,510
Nordson Corp.	14,760	3,239,968

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
NSK, Ltd.	62,798	\$ 531,172
Omega Flex, Inc.	534	78,343
Oshkosh Corp.	18,741	2,335,878
Otis Worldwide Corp.	54,806	4,481,487
PACCAR, Inc.	47,166	4,209,566
Parker-Hannifin Corp.	17,534	5,384,867
Park-Ohio Holdings Corp.	1,774	57,016
Pentair PLC	22,580	1,523,924
Proto Labs, Inc. (A)	4,678	429,440
Rational AG	832	753,772
RBC Bearings, Inc. (A)	4,148	827,194
REV Group, Inc.	5,139	80,631
Rexnord Corp.	20,062	1,003,902
Sandvik AB	183,623	4,695,175
Schindler Holding AG	3,274	958,024
Schindler Holding AG, Participation Certificates	6,622	2,026,567
SKF AB, B Shares	62,071	1,582,076
SMC Corp.	9,347	5,529,635
Snap-on, Inc.	7,347	1,641,540
Spirax-Sarco Engineering PLC	11,993	2,258,844
SPX Corp. (A)	7,400	451,992
SPX FLOW, Inc.	7,165	467,445
Standex International Corp.	2,016	191,339
Stanley Black & Decker, Inc.	21,941	4,497,686
Techtronic Industries Company, Ltd.	223,742	3,899,144
Tennant Company	3,082	246,098
Terex Corp.	30,444	1,449,743
The ExOne Company (A)	2,980	64,487
The Gorman-Rupp Company	4,005	137,932
The Greenbrier Companies, Inc.	5,426	236,465
The Manitowoc Company, Inc. (A)	5,892	144,354
The Middleby Corp. (A)	15,195	2,632,686
The Shyft Group, Inc.	5,908	221,018
The Timken Company	18,678	1,505,260
The Toro Company	29,242	3,213,111
THK Company, Ltd.	19,552	583,483
Titan International, Inc. (A)	9,101	77,176
TriMas Corp. (A)	7,453	226,049
Trinity Industries, Inc.	36,604	984,282
Volvo AB, A Shares (C)	32,575	808,506
Volvo AB, B Shares (C)	232,521	5,603,623
Wabash National Corp.	8,657	138,512
Wabtec Corp.	24,137	1,986,475
Wartsila OYJ ABP	76,995	1,143,927
Watts Water Technologies, Inc., Class A	4,581	668,414
Welbilt, Inc. (A)	22,017	509,694
Woodward, Inc.	16,014	1,967,800
Xylem, Inc.	24,461	2,934,342
Yaskawa Electric Corp.	39,010	1,905,065
		223,733,948
<b>Marine – 0.1%</b>		
A.P. Moller - Maersk A/S, Series A	517	1,438,087
A.P. Moller - Maersk A/S, Series B	997	2,870,273
Costamare, Inc.	8,775	103,633
Eagle Bulk Shipping, Inc. (A)(C)	1,522	72,021
Genco Shipping & Trading, Ltd.	5,521	104,236
Kirby Corp. (A)	16,416	995,466
Kuehne + Nagel International AG	8,783	3,006,063
Matson, Inc.	7,230	462,720
Nippon Yusen KK	26,325	1,335,944
		10,388,443
<b>Professional services – 0.9%</b>		
Acacia Research Corp. (A)	9,621	65,038
Adecco Group AG	25,205	1,714,992

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Professional services (continued)</b>		
ASGN, Inc. (A)	23,266	\$ 2,255,173
Barrett Business Services, Inc.	1,415	102,743
Bureau Veritas SA (A)	47,808	1,513,768
CACI International, Inc., Class A (A)	6,432	1,640,932
CBIZ, Inc. (A)	8,283	271,434
CRA International, Inc.	1,298	111,109
Equifax, Inc.	16,535	3,960,298
Experian PLC	149,202	5,760,562
Exponent, Inc.	8,699	776,038
Forrester Research, Inc. (A)	2,087	95,585
Franklin Covey Company (A)	2,455	79,419
FTI Consulting, Inc. (A)	9,347	1,276,894
Heidrick & Struggles International, Inc.	3,412	152,005
Huron Consulting Group, Inc. (A)	3,801	186,819
ICF International, Inc.	3,138	275,705
IHS Markit, Ltd.	50,896	5,733,943
Insperty, Inc.	15,954	1,441,763
Intertek Group PLC	26,251	2,009,103
Jacobs Engineering Group, Inc.	17,691	2,360,333
KBR, Inc.	62,298	2,376,669
Kelly Services, Inc., Class A (A)	6,167	147,823
Kforce, Inc.	3,526	221,891
Korn Ferry	9,001	653,023
Leidos Holdings, Inc.	18,061	1,825,967
ManpowerGroup, Inc.	14,892	1,770,808
ManTech International Corp., Class A	4,589	397,132
Nielsen Holdings PLC	48,706	1,201,577
Nihon M&A Center, Inc.	49,200	1,274,298
Persol Holdings Company, Ltd.	28,900	570,673
Randstad NV	19,448	1,490,888
Recruit Holdings Company, Ltd.	220,700	10,822,855
Rekor Systems, Inc. (A)	5,665	57,556
RELX PLC	314,305	8,334,330
Resources Connection, Inc.	6,386	91,703
Robert Half International, Inc.	15,323	1,363,287
Science Applications International Corp.	15,833	1,389,029
SGS SA	984	3,038,066
Teleperformance	9,553	3,879,375
TriNet Group, Inc. (A)	6,789	492,067
TrueBlue, Inc. (A)	5,965	167,676
Upwork, Inc. (A)	19,648	1,145,282
Verisk Analytics, Inc.	22,022	3,847,684
Willdan Group, Inc. (A)	2,146	80,775
Wolters Kluwer NV	43,511	4,373,456
		82,797,546
<b>Road and rail – 0.8%</b>		
ArcBest Corp.	4,316	251,148
Aurizon Holdings, Ltd.	301,641	840,175
Avis Budget Group, Inc. (A)	22,728	1,770,284
Central Japan Railway Company	23,476	3,567,189
Covenant Logistics Group, Inc. (A)	2,817	58,256
CSX Corp.	308,706	9,903,288
Daseke, Inc. (A)	7,877	51,043
East Japan Railway Company	49,140	3,504,371
Hankyu Hanshin Holdings, Inc.	37,200	1,148,283
Heartland Express, Inc.	8,132	139,301
HyreCar, Inc. (A)	3,228	67,530
JB Hunt Transport Services, Inc.	11,342	1,848,179
Kansas City Southern	12,354	3,500,753
Keio Corp.	16,715	983,938
Keisei Electric Railway Company, Ltd.	20,994	671,146
Kintetsu Group Holdings Company, Ltd. (A)	27,874	979,746
Knight-Swift Transportation Holdings, Inc.	33,452	1,520,728
Landstar System, Inc.	10,490	1,657,630

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Road and rail (continued)</b>		
Marten Transport, Ltd.	10,315	\$ 170,094
MTR Corp., Ltd.	251,315	1,399,320
Nippon Express Company, Ltd.	12,446	949,065
Norfolk Southern Corp.	33,998	9,023,409
Odakyu Electric Railway Company, Ltd.	47,979	1,213,568
Old Dominion Freight Line, Inc.	12,919	3,278,842
Ryder System, Inc.	14,713	1,093,617
Saia, Inc. (A)	4,447	931,602
Tobu Railway Company, Ltd.	30,673	793,943
Tokyu Corp.	81,308	1,106,607
U.S. Xpress Enterprises, Inc., Class A (A)	5,347	45,984
Union Pacific Corp.	90,254	19,849,562
Werner Enterprises, Inc.	25,884	1,152,356
West Japan Railway Company	26,425	1,510,058
Yellow Corp. (A)	9,256	60,257
		75,041,272
<b>Trading companies and distributors – 0.7%</b>		
Alta Equipment Group, Inc. (A)	3,746	49,784
Applied Industrial Technologies, Inc.	6,569	598,173
Ashtead Group PLC	73,080	5,431,911
Beacon Roofing Supply, Inc. (A)	9,426	501,935
BlueLinx Holdings, Inc. (A)	1,664	83,666
Boise Cascade Company	6,642	387,561
Brenntag SE	25,129	2,338,815
Bunzl PLC	54,814	1,813,315
CAI International, Inc.	2,815	157,640
DXP Enterprises, Inc. (A)	3,357	111,788
Fastenal Company	78,032	4,057,664
Ferguson PLC	36,604	5,092,611
GATX Corp.	15,567	1,377,212
Global Industrial, Inc.	2,314	84,947
GMS, Inc. (A)	7,164	344,875
H&E Equipment Services, Inc.	5,580	185,647
Herc Holdings, Inc. (A)	4,217	472,599
ITOCHU Corp.	193,304	5,577,729
Marubeni Corp.	254,359	2,215,072
McGrath RentCorp	4,145	338,108
Mitsubishi Corp.	205,406	5,610,920
Mitsui & Company, Ltd.	251,403	5,663,029
MonotaRO Company, Ltd.	40,800	961,436
MRC Global, Inc. (A)	14,200	133,480
MSC Industrial Direct Company, Inc., Class A	12,835	1,151,685
NOW, Inc. (A)	18,906	179,418
Reece, Ltd.	47,282	837,306
Rush Enterprises, Inc., Class A	6,738	291,351
Rush Enterprises, Inc., Class B	1,579	60,223
Sumitomo Corp.	183,138	2,455,594
Textainer Group Holdings, Ltd. (A)	8,037	271,409
Titan Machinery, Inc. (A)	3,532	109,280
Toyota Tsusho Corp.	34,582	1,641,391
Transcat, Inc. (A)	1,435	81,092
Triton International, Ltd.	11,236	588,092
United Rentals, Inc. (A)	9,833	3,136,825
Univar Solutions, Inc. (A)	46,318	1,129,233
Veritiv Corp. (A)	2,635	161,842
W.W. Grainger, Inc.	5,947	2,604,786
Watsco, Inc.	8,989	2,576,607
WESCO International, Inc. (A)	7,468	767,860
		61,633,911
<b>Transportation infrastructure – 0.1%</b>		
Aena SME SA (A)(B)	12,199	2,001,625
Aerports de Paris (A)	4,829	630,337
Atlantia SpA (A)	80,589	1,463,336
Auckland International Airport, Ltd. (A)	203,598	1,034,347

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Transportation infrastructure (continued)</b>		
Getlink SE	71,566	\$ 1,117,657
Macquarie Infrastructure Corp.	12,197	466,779
Sydney Airport (A)	215,085	933,257
Transurban Group	445,337	4,749,554
		12,396,892
		1,036,815,210
<b>Information technology – 19.0%</b>		
<b>Communications equipment – 0.6%</b>		
ADTRAN, Inc.	8,291	171,209
Arista Networks, Inc. (A)	7,466	2,705,006
Aviat Networks, Inc. (A)	1,765	57,839
CalAmp Corp. (A)	6,460	82,171
Calix, Inc. (A)	9,206	437,285
Cambium Networks Corp. (A)	1,546	74,749
Casa Systems, Inc. (A)	5,763	51,118
Ciena Corp. (A)	42,324	2,407,812
Cisco Systems, Inc.	572,553	30,345,309
Clearfield, Inc. (A)	2,301	86,172
Comtech Telecommunications Corp.	4,513	109,034
Digi International, Inc. (A)	5,936	119,373
DZS, Inc. (A)	3,355	69,616
EchoStar Corp., Class A (A)	7,049	171,220
EMCORE Corp. (A)	6,673	61,525
Extreme Networks, Inc. (A)	20,999	234,349
F5 Networks, Inc. (A)	8,099	1,511,759
Harmonic, Inc. (A)	15,800	134,616
Infinera Corp. (A)	29,953	305,521
Inseego Corp. (A)(C)	14,319	144,479
Juniper Networks, Inc.	44,527	1,217,813
Lumentum Holdings, Inc. (A)	20,730	1,700,482
Motorola Solutions, Inc.	23,051	4,998,609
NETGEAR, Inc. (A)	5,004	191,753
NetScout Systems, Inc. (A)	31,972	912,481
Nokia OYJ (A)	876,958	4,698,527
Plantronics, Inc. (A)	5,756	240,198
Ribbon Communications, Inc. (A)	12,259	93,291
Telefonaktiebolaget LM Ericsson, B Shares	474,739	5,969,322
ViaSat, Inc. (A)	18,589	926,476
Viavi Solutions, Inc. (A)	38,401	678,162
		60,907,276
<b>Electronic equipment, instruments and components – 1.2%</b>		
908 Devices, Inc. (A)	1,293	50,104
Advanced Energy Industries, Inc.	6,474	729,685
Akoustis Technologies, Inc. (A)	7,821	83,763
Amphenol Corp., Class A	81,194	5,554,482
Arlo Technologies, Inc. (A)	14,322	96,960
Arrow Electronics, Inc. (A)	20,257	2,305,854
Avnet, Inc.	27,177	1,089,254
Azbil Corp.	20,100	832,878
Badger Meter, Inc.	4,861	476,961
Belden, Inc.	19,701	996,280
Benchmark Electronics, Inc.	5,799	165,040
CDW Corp.	19,048	3,326,733
Cognex Corp.	48,236	4,054,236
Coherent, Inc. (A)	6,700	1,771,078
Corning, Inc.	105,258	4,305,052
CTS Corp.	5,345	198,620
Daktronics, Inc. (A)	10,314	67,969
ePlus, Inc. (A)	2,229	193,232
Fabrinet (A)	6,159	590,463
FARO Technologies, Inc. (A)	3,065	238,365
Halma PLC	61,750	2,300,510
Hamamatsu Photonics KK	22,800	1,373,453
Hexagon AB, B Shares	320,435	4,747,684

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electronic equipment, instruments and components (continued)</b>		
Hirose Electric Company, Ltd.	5,275	\$ 771,703
Ibiden Company, Ltd.	17,200	925,764
Identiv, Inc. (A)	3,983	67,711
II-VI, Inc. (A)	46,229	3,355,763
Insight Enterprises, Inc. (A)	5,836	583,658
IPG Photonics Corp. (A)	4,877	1,027,925
Iteris, Inc. (A)	8,727	58,035
Itron, Inc. (A)	7,595	759,348
Jabil, Inc.	36,576	2,125,797
Keyence Corp.	31,600	15,914,491
Keysight Technologies, Inc. (A)	25,029	3,864,728
Kimball Electronics, Inc. (A)	4,365	94,895
Knowles Corp. (A)	14,685	289,882
Kyocera Corp.	52,163	3,222,648
Littelfuse, Inc.	6,707	1,708,877
Luna Innovations, Inc. (A)	6,375	69,041
Methode Electronics, Inc.	6,273	308,694
MicroVision, Inc. (A)	26,723	447,610
Murata Manufacturing Company, Ltd.	93,439	7,117,701
Napco Security Technologies, Inc. (A)	2,594	94,344
National Instruments Corp.	35,945	1,519,755
nLight, Inc. (A)	7,267	263,647
Novanta, Inc. (A)	5,887	793,332
Omron Corp.	30,218	2,392,566
OSI Systems, Inc. (A)	2,808	285,405
Ouster, Inc. (A)	4,996	62,400
PAR Technology Corp. (A)	4,016	280,879
PC Connection, Inc.	1,826	84,489
Plexus Corp. (A)	4,642	424,325
Rogers Corp. (A)	3,139	630,311
Sanmina Corp. (A)	10,667	415,586
ScanSource, Inc. (A)	4,279	120,368
Shimadzu Corp.	38,492	1,487,361
SYNNEX Corp.	11,330	1,379,541
TDK Corp.	21,121	2,556,794
TE Connectivity, Ltd.	44,865	6,066,197
Trimble, Inc. (A)	34,097	2,790,158
TTM Technologies, Inc. (A)	17,226	246,332
Velodyne Lidar, Inc. (A)	12,036	128,063
Venture Corp., Ltd.	45,000	643,767
Vishay Intertechnology, Inc.	58,391	1,316,717
Vishay Precision Group, Inc. (A)	2,401	81,730
Vontier Corp.	46,103	1,502,036
Yokogawa Electric Corp.	37,092	554,728
Zebra Technologies Corp., Class A (A)	7,270	3,849,392
		108,233,150
<b>IT services – 3.5%</b>		
Accenture PLC, Class A	86,361	25,458,359
Adyen NV (A)(B)	3,208	7,867,073
Afterpay, Ltd. (A)	35,295	3,132,792
Akamai Technologies, Inc. (A)	22,144	2,581,990
Alliance Data Systems Corp.	13,581	1,415,004
Amadeus IT Group SA (A)	73,274	5,165,568
Atos SE	16,101	980,430
Automatic Data Processing, Inc.	57,812	11,482,619
Bechtel AG	4,440	825,219
BigCommerce Holdings, Inc., Series 1 (A)	7,927	514,621
BM Technologies, Inc. (A)	823	10,238
Brightcove, Inc. (A)	7,247	103,994
Broadridge Financial Solutions, Inc.	15,777	2,548,459
Cantaloupe, Inc. (A)	10,218	121,185
Capgemini SE (C)	26,080	5,015,533
Cass Information Systems, Inc.	2,641	107,621

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services (continued)</b>		
Cognizant Technology Solutions Corp., Class A	71,656	\$ 4,962,895
Computershare, Ltd.	88,173	1,117,521
Concentrix Corp. (A)	11,374	1,828,939
Conduent, Inc. (A)	28,841	216,308
CSG Systems International, Inc.	5,575	263,029
DigitalOcean Holdings, Inc. (A)	2,219	123,354
DXC Technology Company (A)	34,619	1,348,064
Edenred	40,107	2,286,769
EVERTEC, Inc.	10,153	443,178
EVO Payments, Inc., Class A (A)	8,006	222,086
ExlService Holdings, Inc. (A)	5,491	583,474
Fidelity National Information Services, Inc.	84,252	11,935,981
Fiserv, Inc. (A)	80,919	8,649,432
FleetCor Technologies, Inc. (A)	11,324	2,899,623
Fujitsu, Ltd.	32,023	5,991,468
Gartner, Inc. (A)	11,695	2,832,529
Genpact, Ltd.	47,579	2,161,514
Global Payments, Inc.	40,109	7,522,042
GMO Payment Gateway, Inc.	6,700	870,153
GreenSky, Inc., Class A (A)	13,465	74,731
Grid Dynamics Holdings, Inc. (A)	5,400	81,162
i3 Verticals, Inc., Class A (A)	3,691	111,542
IBM Corp.	121,396	17,795,440
International Money Express, Inc. (A)	6,095	90,511
Itochu Techno-Solutions Corp.	15,600	482,597
Jack Henry & Associates, Inc.	10,092	1,650,143
Limelight Networks, Inc. (A)	23,651	74,501
LiveRamp Holdings, Inc. (A)	29,687	1,390,836
Marathon Digital Holdings, Inc. (A)	16,125	505,841
Mastercard, Inc., Class A	118,851	43,391,312
MAXIMUS, Inc.	27,003	2,375,454
MoneyGram International, Inc. (A)	13,350	134,568
NEC Corp.	39,984	2,057,351
Nexi SpA (A)(B)	71,475	1,570,681
Nomura Research Institute, Ltd.	57,300	1,892,424
NTT Data Corp.	102,610	1,601,825
Obic Company, Ltd.	11,300	2,101,564
Otsuka Corp.	18,500	969,775
Paya Holdings, Inc. (A)	14,073	155,084
Paychex, Inc.	43,574	4,675,490
PayPal Holdings, Inc. (A)	159,602	46,520,791
Perficient, Inc. (A)	5,433	436,922
Rackspace Technology, Inc. (A)	9,098	178,412
Repay Holdings Corp. (A)	13,209	317,544
Sabre Corp. (A)	87,254	1,088,930
SCSK Corp.	8,500	506,461
Sykes Enterprises, Inc. (A)	6,407	344,056
The Hackett Group, Inc.	4,969	89,541
The Western Union Company	55,601	1,277,155
TIS, Inc.	36,400	928,975
TTEC Holdings, Inc.	3,123	321,950
Tucows, Inc., Class A (A)(C)	1,671	134,215
Unisys Corp. (A)	11,024	279,017
VeriSign, Inc. (A)	13,464	3,065,618
Verra Mobility Corp. (A)	22,810	350,590
Visa, Inc., Class A	229,853	53,744,228
WEX, Inc. (A)	12,220	2,369,458
Wix.com, Ltd. (A)	9,000	2,612,520
Worldline SA (A)(B)	38,645	3,621,213
		324,959,492
<b>Semiconductors and semiconductor equipment – 4.4%</b>		
Advanced Micro Devices, Inc. (A)	165,076	15,505,589
Advantest Corp.	32,500	2,918,071
Alpha & Omega Semiconductor, Ltd. (A)	3,733	113,446

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
Ambarella, Inc. (A)	5,875	\$ 626,451
Amkor Technology, Inc.	46,492	1,100,466
Analog Devices, Inc.	50,110	8,626,938
Applied Materials, Inc.	124,676	17,753,862
ASM International NV	7,695	2,538,019
ASML Holding NV	68,231	47,101,175
Atomera, Inc. (A)(C)	3,587	76,905
Axcelis Technologies, Inc. (A)	5,618	227,080
AXT, Inc. (A)	7,512	82,482
Broadcom, Inc.	55,473	26,451,745
Brooks Automation, Inc.	20,292	1,933,422
CEVA, Inc. (A)	3,865	182,815
Cirrus Logic, Inc. (A)	15,712	1,337,405
CMC Materials, Inc.	12,893	1,943,491
Cohu, Inc. (A)	8,081	297,300
Cree, Inc. (A)	31,538	3,088,516
Diodes, Inc. (A)	7,288	581,364
Disco Corp.	4,700	1,429,030
DSP Group, Inc. (A)	4,544	67,251
Enphase Energy, Inc. (A)	18,436	3,385,403
First Solar, Inc. (A)	23,229	2,102,457
FormFactor, Inc. (A)	13,117	478,246
Ichor Holdings, Ltd. (A)	4,679	251,730
Impinj, Inc. (A)	3,178	163,953
Infineon Technologies AG	212,408	8,543,742
Intel Corp.	548,613	30,799,134
KLA Corp.	20,825	6,751,673
Kopin Corp. (A)	13,325	108,999
Kulicke & Soffa Industries, Inc.	10,301	630,421
Lam Research Corp.	19,377	12,608,614
Lasertec Corp.	12,300	2,379,127
Lattice Semiconductor Corp. (A)	60,105	3,376,699
MACOM Technology Solutions Holdings, Inc. (A)	8,199	525,392
Maxim Integrated Products, Inc.	36,460	3,841,426
MaxLinear, Inc. (A)	11,796	501,212
Microchip Technology, Inc.	37,163	5,564,788
Micron Technology, Inc. (A)	152,358	12,947,383
MKS Instruments, Inc.	15,119	2,690,426
Monolithic Power Systems, Inc.	5,843	2,182,068
NeoPhotonics Corp. (A)	8,892	90,787
NVE Corp.	1,008	74,642
NVIDIA Corp.	84,642	67,722,064
NXP Semiconductors NV	37,464	7,707,094
Onto Innovation, Inc. (A)	8,211	599,731
PDF Solutions, Inc. (A)	5,471	99,463
Photonics, Inc. (A)	10,311	136,208
Power Integrations, Inc.	10,090	827,985
Qorvo, Inc. (A)	15,296	2,992,662
QUALCOMM, Inc.	153,253	21,904,451
Rambus, Inc. (A)	18,952	449,352
Renesas Electronics Corp. (A)	140,900	1,520,642
Rohm Company, Ltd.	14,242	1,310,658
Semtech Corp. (A)	28,563	1,965,134
Silicon Laboratories, Inc. (A)	19,657	3,012,435
SiTime Corp. (A)	2,178	275,713
Skyworks Solutions, Inc.	22,430	4,300,953
SMART Global Holdings, Inc. (A)	2,500	119,200
SolarEdge Technologies, Inc. (A)	14,196	3,923,349
STMicroelectronics NV	111,077	4,039,489
SUMCO Corp.	45,000	1,102,323
SunPower Corp. (A)(C)	13,479	393,856
Synaptics, Inc. (A)	15,545	2,418,491
Teradyne, Inc.	22,589	3,026,022
Texas Instruments, Inc.	125,472	24,128,266

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
Tokyo Electron, Ltd.	24,260	\$ 10,489,640
Ultra Clean Holdings, Inc. (A)	7,317	393,069
Universal Display Corp.	11,716	2,604,818
Veeco Instruments, Inc. (A)	8,465	203,499
Xilinx, Inc.	33,400	4,830,976
		406,478,688
<b>Software – 5.8%</b>		
8x8, Inc. (A)	18,055	501,207
A10 Networks, Inc. (A)	10,621	119,592
ACI Worldwide, Inc. (A)	52,050	1,933,137
Adobe, Inc. (A)	64,942	38,032,633
Agilysys, Inc. (A)	3,321	188,865
Alarm.com Holdings, Inc. (A)	7,971	675,144
Alkami Technology, Inc. (A)	1,214	43,303
Altair Engineering, Inc., Class A (A)	7,700	531,069
American Software, Inc., Class A	5,741	126,072
ANSYS, Inc. (A)	11,841	4,109,537
Appfolio, Inc., Class A (A)	3,173	448,028
Appian Corp. (A)(C)	6,633	913,696
Asana, Inc., Class A (A)	12,454	772,522
Aspen Technology, Inc. (A)	18,577	2,555,081
Autodesk, Inc. (A)	29,892	8,725,475
Avaya Holdings Corp. (A)	13,940	374,986
AVEVA Group PLC	18,699	959,744
Benefitfocus, Inc. (A)	4,535	63,944
Blackbaud, Inc. (A)	21,463	1,643,422
Blackline, Inc. (A)	9,032	1,004,991
Bottomline Technologies DE, Inc. (A)	7,556	280,176
Box, Inc., Class A (A)	24,732	631,903
BTRS Holdings, Inc. (A)	8,154	102,903
Cadence Design Systems, Inc. (A)	37,806	5,172,617
CDK Global, Inc.	33,260	1,652,689
Cerence, Inc. (A)	6,389	681,770
Ceridian HCM Holding, Inc. (A)	35,869	3,440,554
ChannelAdvisor Corp. (A)	5,087	124,682
Check Point Software Technologies, Ltd. (A)	18,226	2,116,585
Citrix Systems, Inc.	16,870	1,978,345
Cleantalk, Inc. (A)	5,689	94,665
Cloudera, Inc. (A)	39,003	618,588
CommVault Systems, Inc. (A)	19,706	1,540,418
Cornerstone OnDemand, Inc. (A)	10,604	546,954
CyberArk Software, Ltd. (A)	6,300	820,701
Dassault Systemes SE	21,491	5,215,783
Digimarc Corp. (A)(C)	2,388	79,998
Digital Turbine, Inc. (A)	14,236	1,082,363
Domo, Inc., Class B (A)	4,660	376,668
Ebix, Inc.	4,538	153,838
Envestnet, Inc. (A)	24,001	1,820,716
Fair Isaac Corp. (A)	7,860	3,951,065
Fortinet, Inc. (A)	18,417	4,386,745
Ideanomics, Inc. (A)	68,957	195,838
InterDigital, Inc.	5,239	382,604
Intuit, Inc.	37,126	18,198,051
j2 Global, Inc. (A)	18,861	2,594,331
JFrog, Ltd. (A)	8,729	397,344
LivePerson, Inc. (A)	10,806	683,371
Manhattan Associates, Inc. (A)	17,375	2,516,595
Microsoft Corp.	1,023,259	277,200,863
MicroStrategy, Inc., Class A (A)(C)	1,321	877,805
Mimecast, Ltd. (A)	10,055	533,418
Mitek Systems, Inc. (A)	7,350	141,561
Model N, Inc. (A)	5,893	201,953
Momentive Global, Inc. (A)	21,666	456,503
Nemetschek SE	9,393	719,001

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
Nice, Ltd. (A)	10,203	\$ 2,518,441
NortonLifeLock, Inc.	78,793	2,144,745
ON24, Inc. (A)	1,634	57,974
OneSpan, Inc. (A)	6,066	154,926
Oracle Corp.	246,811	19,211,768
Oracle Corp. Japan	6,306	481,833
PagerDuty, Inc. (A)	13,645	581,004
Paycom Software, Inc. (A)	6,674	2,425,799
Paylocity Holding Corp. (A)	10,267	1,958,944
Ping Identity Holding Corp. (A)	7,408	169,643
Progress Software Corp.	7,401	342,296
PROS Holdings, Inc. (A)	6,816	310,605
PTC, Inc. (A)	14,289	2,018,464
Q2 Holdings, Inc. (A)	9,202	943,941
QAD, Inc., Class A	2,079	180,915
Qualys, Inc. (A)	14,945	1,504,812
Rapid7, Inc. (A)	9,263	876,558
Rimini Street, Inc. (A)	8,188	50,438
Riot Blockchain, Inc. (A)	14,238	536,345
Sailpoint Technologies Holdings, Inc. (A)	40,482	2,067,416
salesforce.com, Inc. (A)	125,809	30,731,364
SAP SE	169,844	23,856,233
Sapiens International Corp. NV	5,283	138,784
ServiceNow, Inc. (A)	26,826	14,742,228
ShotSpotter, Inc. (A)	1,648	80,373
Sinch AB (A)(B)	78,463	1,320,313
Smith Micro Software, Inc. (A)	9,566	49,935
Sprout Social, Inc., Class A (A)	7,472	668,146
SPS Commerce, Inc. (A)	6,053	604,392
Sumo Logic, Inc. (A)	13,833	285,651
Synopsys, Inc. (A)	20,726	5,716,024
TeamViewer AG (A)(B)	26,163	982,602
Telos Corp. (A)	2,954	100,466
Temenos AG	10,863	1,746,494
Tenable Holdings, Inc. (A)	15,353	634,847
Teradata Corp. (A)	29,935	1,495,852
The Sage Group PLC	178,297	1,688,871
Trend Micro, Inc.	21,764	1,139,639
Tyler Technologies, Inc. (A)	5,535	2,503,868
Upland Software, Inc. (A)	4,948	203,709
Varonis Systems, Inc. (A)	17,849	1,028,459
Verint Systems, Inc. (A)	10,712	482,790
Veritone, Inc. (A)	4,963	97,821
Viant Technology, Inc., Class A (A)	2,062	61,406
VirnetX Holding Corp. (A)(C)	12,280	52,436
Vonage Holdings Corp. (A)	40,847	588,605
WiseTech Global, Ltd.	23,781	568,286
Workiva, Inc. (A)	7,090	789,330
Xero, Ltd. (A)	21,478	2,209,221
Xperi Holding Corp.	17,852	397,028
Yext, Inc. (A)	18,854	269,424
Zix Corp. (A)	10,510	74,096
Zuora, Inc., Class A (A)	17,827	307,516
		539,845,488
<b>Technology hardware, storage and peripherals – 3.5%</b>		
3D Systems Corp. (A)	20,432	816,667
Apple, Inc.	2,131,190	291,887,782
Avid Technology, Inc. (A)	6,123	239,715
Brother Industries, Ltd.	38,336	765,701
Canon, Inc. (C)	162,677	3,676,819
Corsair Gaming, Inc. (A)(C)	4,499	149,772
Diebold Nixdorf, Inc. (A)	12,304	157,983
Eastman Kodak Company (A)	8,123	67,583
FUJIFILM Holdings Corp.	58,638	4,337,364
Hewlett Packard Enterprise Company	177,426	2,586,871

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Technology hardware, storage and peripherals (continued)</b>		
HP, Inc.	163,205	\$ 4,927,159
Logitech International SA	28,156	3,419,331
NCR Corp. (A)	35,752	1,630,649
NetApp, Inc.	30,243	2,474,482
Quantum Corp. (A)	10,486	72,249
Ricoh Company, Ltd.	109,077	1,227,774
Seagate Technology Holdings PLC	27,053	2,378,770
Seiko Epson Corp.	45,547	800,626
Super Micro Computer, Inc. (A)	7,223	254,105
Turtle Beach Corp. (A)	2,618	83,567
Western Digital Corp. (A)	41,635	2,963,163
Xerox Holdings Corp.	44,037	1,034,429
		325,952,561
		1,766,376,655
<b>Materials – 4.4%</b>		
<b>Chemicals – 2.3%</b>		
AdvanSix, Inc. (A)	4,686	139,924
Air Liquide SA	77,044	13,509,663
Air Products & Chemicals, Inc.	30,068	8,649,962
Akzo Nobel NV	30,998	3,838,197
Albemarle Corp.	15,858	2,671,439
American Vanguard Corp.	5,531	96,848
Amyris, Inc. (A)	28,239	462,272
Arkema SA	9,985	1,254,955
Asahi Kasei Corp.	204,057	2,242,827
Ashland Global Holdings, Inc.	14,923	1,305,763
Avient Corp.	40,196	1,976,035
Balchem Corp.	5,350	702,241
BASF SE	149,390	11,792,809
Cabot Corp.	24,958	1,420,859
Celanese Corp.	15,303	2,319,935
CF Industries Holdings, Inc.	29,144	1,499,459
Chase Corp.	1,291	132,470
Chr. Hansen Holding A/S	17,157	1,548,148
Clariant AG	35,094	698,801
Corteva, Inc.	100,145	4,441,431
Covestro AG (B)	31,424	2,031,828
Croda International PLC	22,693	2,314,552
Danimer Scientific, Inc. (A)(C)	11,604	290,680
Dow, Inc.	101,488	6,422,161
DuPont de Nemours, Inc.	72,298	5,596,588
Eastman Chemical Company	18,547	2,165,362
Ecolab, Inc.	33,798	6,961,374
EMS-Chemie Holding AG	1,141	1,121,497
Evonik Industries AG	34,107	1,145,088
Ferro Corp. (A)	13,749	296,566
FMC Corp.	17,509	1,894,474
GCP Applied Technologies, Inc. (A)	8,466	196,919
Givaudan SA	1,502	6,992,127
Hawkins, Inc.	3,546	116,132
HB Fuller Company	8,631	549,018
ICL Group, Ltd.	114,575	777,445
Ingevity Corp. (A)	17,688	1,439,096
Innospec, Inc.	4,075	369,236
International Flavors & Fragrances, Inc.	33,819	5,052,559
Intrepid Potash, Inc. (A)	1,865	59,419
Johnson Matthey PLC	31,478	1,340,214
JSR Corp.	33,090	1,005,179
Kansai Paint Company, Ltd.	28,854	736,528
Koninklijke DSM NV	28,033	5,240,295
Koppers Holdings, Inc. (A)	3,799	122,898
Kraton Corp. (A)	5,385	173,882
Kronos Worldwide, Inc.	3,827	54,803
LANXESS AG	13,512	927,315
Linde PLC	70,677	20,432,721

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
Livent Corp. (A)	24,954	\$ 483,109
LyondellBasell Industries NV, Class A	34,978	3,598,187
Minerals Technologies, Inc.	14,756	1,160,855
Mitsubishi Chemical Holdings Corp.	208,259	1,752,290
Mitsubishi Gas Chemical Company, Inc.	25,670	543,944
Mitsui Chemicals, Inc.	29,918	1,034,199
NewMarket Corp.	2,000	643,960
Nippon Paint Holdings Company, Ltd.	115,700	1,565,201
Nippon Sanso Holdings Corp.	24,657	506,160
Nissan Chemical Corp.	20,000	977,601
Nitto Denko Corp.	24,487	1,823,556
Novozymes A/S, B Shares	33,852	2,554,120
Olin Corp.	39,135	1,810,385
Orica, Ltd.	66,187	658,250
Orion Engineered Carbons SA (A)	10,247	194,591
PPG Industries, Inc.	32,212	5,468,631
PQ Group Holdings, Inc.	8,763	134,600
PureCycle Technologies, Inc. (A)(C)	5,702	134,852
Quaker Chemical Corp.	2,264	536,998
Rayonier Advanced Materials, Inc. (A)	11,343	75,885
RPM International, Inc.	35,373	3,136,878
Sensient Technologies Corp.	18,573	1,607,679
Shin-Etsu Chemical Company, Ltd.	57,646	9,641,907
Sika AG	23,061	7,555,652
Solvay SA	12,054	1,534,274
Stepan Company	3,498	420,704
Sumitomo Chemical Company, Ltd.	242,344	1,288,025
Symrise AG	20,926	2,916,178
The Chemours Company	45,209	1,573,273
The Mosaic Company	46,955	1,498,334
The Scotts Miracle-Gro Company	11,106	2,131,464
The Sherwin-Williams Company	32,519	8,859,802
Toray Industries, Inc.	225,572	1,503,655
Tosoh Corp.	42,300	729,371
Tredegar Corp.	4,990	68,712
Trinseo SA	6,475	387,464
Tronox Holdings PLC, Class A	19,256	431,334
Umicore SA	32,062	1,961,493
Valvoline, Inc.	49,457	1,605,374
Yara International ASA	28,347	1,493,727
Zymergen, Inc. (A)	3,193	127,752
		212,660,420
<b>Construction materials – 0.3%</b>		
CRH PLC	127,691	6,457,502
Eagle Materials, Inc.	11,575	1,644,923
Forterra, Inc. (A)	4,996	117,456
HeidelbergCement AG	24,204	2,078,071
Holcim, Ltd. (A)	85,153	5,118,383
James Hardie Industries PLC, CHESS Depositary Interest	72,244	2,451,389
Martin Marietta Materials, Inc.	8,474	2,981,238
Summit Materials, Inc., Class A (A)	19,745	688,113
U.S. Concrete, Inc. (A)	2,773	204,647
United States Lime & Minerals, Inc.	441	61,339
Vulcan Materials Company	18,024	3,137,438
		24,940,499
<b>Containers and packaging – 0.3%</b>		
Amcor PLC	209,473	2,400,561
AptarGroup, Inc.	17,948	2,527,796
Avery Dennison Corp.	11,278	2,371,087
Ball Corp.	44,597	3,613,249
Greif, Inc., Class A	11,251	681,248
Greif, Inc., Class B	1,274	75,166
International Paper Company	53,223	3,263,102
Myers Industries, Inc.	6,348	133,308

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Containers and packaging (continued)</b>		
O-I Glass, Inc. (A)	26,428	\$ 431,569
Packaging Corp. of America	12,906	1,747,731
Pactiv Evergreen, Inc.	7,161	107,916
Ranpak Holdings Corp. (A)	6,049	151,406
Sealed Air Corp.	20,649	1,223,453
Silgan Holdings, Inc.	21,409	888,474
Smurfit Kappa Group PLC	39,862	2,167,827
Sonoco Products Company	27,480	1,838,412
UFP Technologies, Inc. (A)	1,556	89,346
Westrock Company	36,155	1,924,169
		25,635,820
<b>Metals and mining – 1.4%</b>		
1911 Gold Corp. (A)	3,149	1,017
Allegheny Technologies, Inc. (A)	21,372	445,606
Anglo American PLC	210,625	8,381,640
Antofagasta PLC	64,140	1,275,477
ArcelorMittal SA	116,592	3,589,525
Arconic Corp. (A)	18,555	660,929
BHP Group PLC	343,528	10,165,322
BHP Group, Ltd.	479,142	17,431,335
BlueScope Steel, Ltd.	81,941	1,346,433
Boliden AB	44,486	1,711,798
Carpenter Technology Corp.	8,050	323,771
Century Aluminum Company (A)	8,923	115,017
Cleveland-Cliffs, Inc. (A)(C)	125,487	2,705,500
Coeur Mining, Inc. (A)	41,625	369,630
Commercial Metals Company	52,930	1,626,010
Compass Minerals International, Inc.	14,945	885,641
Constellium SE (A)	20,572	389,839
Evolution Mining, Ltd.	277,915	938,998
Evraz PLC	82,936	680,425
Fortescue Metals Group, Ltd.	275,436	4,811,568
Freeport-McMoRan, Inc.	199,110	7,388,972
Gatos Silver, Inc. (A)	6,317	110,484
Glencore PLC (A)	1,625,400	6,976,362
Haynes International, Inc.	2,423	85,726
Hecla Mining Company	90,156	670,761
Hitachi Metals, Ltd. (A)	34,864	666,249
JFE Holdings, Inc.	79,933	937,766
Kaiser Aluminum Corp.	2,685	331,571
Materion Corp.	3,455	260,334
MP Materials Corp. (A)(C)	12,253	451,646
Newcrest Mining, Ltd.	132,814	2,518,658
Newmont Corp.	108,848	6,898,786
Nippon Steel Corp.	139,100	2,351,928
Norsk Hydro ASA	218,739	1,396,516
Northern Star Resources, Ltd.	179,773	1,320,274
Novogold Resources, Inc. (A)	41,399	331,606
Nucor Corp.	40,656	3,900,130
Olympic Steel, Inc.	1,868	54,901
Reliance Steel & Aluminum Company	17,400	2,625,660
Rio Tinto PLC	182,539	15,075,431
Rio Tinto, Ltd.	60,378	5,724,166
Royal Gold, Inc.	17,919	2,044,558
Schnitzer Steel Industries, Inc., Class A	4,457	218,616
South32, Ltd.	777,594	1,705,252
Steel Dynamics, Inc.	54,805	3,266,378
Sumitomo Metal Mining Company, Ltd.	40,207	1,563,680
SunCoke Energy, Inc.	14,943	106,693
TimkenSteel Corp. (A)	7,806	110,455
United States Steel Corp. (C)	73,651	1,767,624
voestalpine AG	18,877	769,979
Warrior Met Coal, Inc.	8,799	151,343
Worthington Industries, Inc.	15,280	934,830
		130,572,816

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Paper and forest products – 0.1%</b>		
Clearwater Paper Corp. (A)	2,955	\$ 85,606
Domtar Corp. (A)	8,343	458,531
Glatfelter Corp.	7,790	108,826
Louisiana-Pacific Corp.	27,928	1,683,779
Mondi PLC	78,975	2,079,275
Neenah, Inc.	2,886	144,791
Oji Holdings Corp.	132,038	758,786
Schweitzer-Mauduit International, Inc.	5,337	215,508
Stora Enso OYJ, R Shares	94,621	1,727,864
Svenska Cellulosa AB SCA, B Shares	98,544	1,616,336
UPM-Kymmene OYJ	86,812	3,286,519
Verso Corp., Class A	5,532	97,916
		<u>12,263,737</u>
		406,073,292
<b>Real estate – 3.3%</b>		
<b>Equity real estate investment trusts – 2.7%</b>		
Acadia Realty Trust	14,334	314,775
Agree Realty Corp.	10,933	770,667
Alexander & Baldwin, Inc.	12,164	222,844
Alexander's, Inc.	388	103,965
Alexandria Real Estate Equities, Inc.	18,637	3,390,816
American Assets Trust, Inc.	8,394	313,012
American Campus Communities, Inc.	37,655	1,759,242
American Finance Trust, Inc.	18,873	160,043
American Tower Corp.	61,776	16,688,140
Apartment Income REIT Corp.	42,833	2,031,569
Apartment Investment and Management Company, Class A	24,905	167,113
Apple Hospitality REIT, Inc.	35,025	534,482
Armada Hoffer Properties, Inc.	10,607	140,967
Ascendas Real Estate Investment Trust	523,178	1,149,693
Ashford Hospitality Trust, Inc. (A)	19,097	87,082
AvalonBay Communities, Inc.	18,967	3,958,223
Boston Properties, Inc.	19,296	2,211,129
Braemar Hotels & Resorts, Inc. (A)	8,911	55,337
Brandywine Realty Trust	28,041	384,442
Brixmor Property Group, Inc.	81,106	1,856,516
Broadstone Net Lease, Inc.	23,605	552,593
Camden Property Trust	26,680	3,539,636
CapitaLand Integrated Commercial Trust	737,094	1,147,595
CareTrust REIT, Inc.	16,411	381,228
CatchMark Timber Trust, Inc., Class A	9,410	110,097
Centerspace	2,274	179,419
Chatham Lodging Trust (A)	8,548	110,013
City Office REIT, Inc.	8,452	105,058
Columbia Property Trust, Inc.	19,158	333,158
Community Healthcare Trust, Inc.	3,982	188,986
CorePoint Lodging, Inc. (A)	7,600	81,320
CoreSite Realty Corp.	11,740	1,580,204
Corporate Office Properties Trust	49,229	1,377,920
Cousins Properties, Inc.	40,601	1,493,305
Covivio	8,461	724,323
Crown Castle International Corp.	58,718	11,455,882
CTO Realty Growth, Inc.	1,415	75,731
CyrusOne, Inc.	33,468	2,393,631
Daiwa House REIT Investment Corp.	321	944,597
Dexus	176,647	1,408,179
DiamondRock Hospitality Company (A)	35,351	342,905
Digital Realty Trust, Inc.	38,257	5,756,148
DigitalBridge Group, Inc. (A)	80,966	639,631
Diversified Healthcare Trust	40,716	170,193
Douglas Emmett, Inc.	45,050	1,514,581
Duke Realty Corp.	50,946	2,412,293
Easterly Government Properties, Inc.	14,070	296,596
EastGroup Properties, Inc.	17,451	2,869,817

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Empire State Realty Trust, Inc., Class A	23,764	\$ 285,168
EPR Properties (A)	20,421	1,075,778
Equinix, Inc.	12,171	9,768,445
Equity Commonwealth	18,315	479,853
Equity Residential	46,748	3,599,596
Essential Properties Realty Trust, Inc.	19,736	533,661
Essex Property Trust, Inc.	8,831	2,649,388
Extra Space Storage, Inc.	18,169	2,976,446
Farmland Partners, Inc.	5,330	64,227
Federal Realty Investment Trust	9,613	1,126,355
First Industrial Realty Trust, Inc.	35,268	1,842,048
Four Corners Property Trust, Inc.	12,782	352,911
Franklin Street Properties Corp.	19,300	101,518
Gecina SA	7,468	1,144,184
Getty Realty Corp.	6,447	200,824
Gladstone Commercial Corp.	6,547	147,700
Gladstone Land Corp.	4,602	110,724
Global Medical REIT, Inc.	10,041	148,205
Global Net Lease, Inc.	15,890	293,965
GLP J-REIT	671	1,156,090
Goodman Group	270,437	4,279,847
Healthcare Realty Trust, Inc.	62,055	1,874,061
Healthpeak Properties, Inc.	73,221	2,437,527
Hersha Hospitality Trust (A)	6,045	65,044
Highwoods Properties, Inc.	28,420	1,283,731
Host Hotels & Resorts, Inc. (A)	95,930	1,639,444
Hudson Pacific Properties, Inc.	41,229	1,146,991
Independence Realty Trust, Inc.	16,565	301,980
Indus Realty Trust, Inc.	965	63,352
Industrial Logistics Properties Trust	10,835	283,227
Innovative Industrial Properties, Inc.	3,994	762,934
Iron Mountain, Inc.	39,228	1,660,129
iStar, Inc.	11,969	248,117
Japan Metropolitan Fund Investment Corp.	1,137	1,232,473
Japan Real Estate Investment Corp.	203	1,246,722
JBG SMITH Properties	30,169	950,625
Kilroy Realty Corp.	28,943	2,015,591
Kimco Realty Corp.	58,891	1,227,877
Kite Realty Group Trust	13,893	305,785
Klepierre SA	33,570	864,889
Lamar Advertising Company, Class A	23,677	2,472,352
Land Securities Group PLC	114,570	1,069,243
Lexington Realty Trust	44,413	530,735
Life Storage, Inc.	20,991	2,253,384
Link REIT	338,606	3,276,127
LTC Properties, Inc.	6,595	253,182
Mack-Cali Realty Corp.	15,029	257,747
Mapletree Commercial Trust	350,600	563,954
Mapletree Logistics Trust	487,700	745,558
Medical Properties Trust, Inc.	160,652	3,229,105
Mid-America Apartment Communities, Inc.	15,554	2,619,605
Mirvac Group	640,443	1,396,393
Monmouth Real Estate Investment Corp.	15,826	296,263
National Health Investors, Inc.	7,235	485,107
National Retail Properties, Inc.	47,955	2,248,130
National Storage Affiliates Trust	30,582	1,546,226
NETSTREIT Corp.	6,791	156,600
New Senior Investment Group, Inc.	15,318	134,492
NexPoint Residential Trust, Inc.	3,690	202,876
Nippon Building Fund, Inc.	242	1,507,793
Nippon Prologis REIT, Inc.	336	1,068,519
Nomura Real Estate Master Fund, Inc.	690	1,104,300
Office Properties Income Trust	8,460	247,963
Omega Healthcare Investors, Inc.	64,283	2,332,830
One Liberty Properties, Inc.	3,421	97,122



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Orix JREIT, Inc.	426	\$ 817,798
Outfront Media, Inc. (A)	24,352	585,179
Paramount Group, Inc.	31,107	313,247
Park Hotels & Resorts, Inc. (A)	64,592	1,331,241
Pebblebrook Hotel Trust	57,775	1,360,601
Physicians Realty Trust	94,059	1,737,270
Piedmont Office Realty Trust, Inc., Class A	20,692	382,181
Plymouth Industrial REIT, Inc.	5,450	109,109
Postal Realty Trust, Inc., Class A	3,156	57,565
PotlatchDeltic Corp.	29,466	1,566,118
Preferred Apartment Communities, Inc., Class A	9,285	90,529
Prologis, Inc.	100,508	12,013,721
PS Business Parks, Inc.	8,756	1,296,588
Public Storage	20,683	6,219,171
QTS Realty Trust, Inc., Class A	11,396	880,911
Rayonier, Inc.	37,973	1,364,370
Realty Income Corp.	50,754	3,387,322
Regency Centers Corp.	21,463	1,375,134
Retail Opportunity Investments Corp.	19,608	346,277
Retail Properties of America, Inc., Class A	36,059	412,876
Retail Value, Inc.	3,515	76,451
Rexford Industrial Realty, Inc.	36,616	2,085,281
RLJ Lodging Trust	27,622	420,683
RPT Realty	13,756	178,553
Ryman Hospitality Properties, Inc. (A)	9,047	714,351
Sabra Health Care REIT, Inc.	95,051	1,729,928
Safehold, Inc.	3,013	236,521
Saul Centers, Inc.	2,120	96,354
SBA Communications Corp.	14,856	4,734,607
Scentre Group	844,215	1,727,535
Segro PLC	193,811	2,933,965
Seritage Growth Properties, Class A (A)	6,265	115,276
Service Properties Trust	27,828	350,633
Simon Property Group, Inc.	44,635	5,823,975
SITE Centers Corp.	28,778	433,397
SL Green Realty Corp.	18,942	1,515,360
Spirit Realty Capital, Inc.	31,399	1,502,128
STAG Industrial, Inc.	26,705	999,568
Stockland	388,257	1,352,007
STORE Capital Corp.	66,491	2,294,604
Summit Hotel Properties, Inc. (A)	17,724	165,365
Sunstone Hotel Investors, Inc. (A)	35,773	444,301
Tanger Factory Outlet Centers, Inc.	16,591	312,740
Terreno Realty Corp.	11,262	726,624
The British Land Company PLC	143,192	979,520
The GEO Group, Inc.	20,192	143,767
The GPT Group	316,829	1,159,005
The Macerich Company	78,837	1,438,775
UDR, Inc.	40,329	1,975,314
UMH Properties, Inc.	6,985	152,413
Unibail-Rodamco-Westfield (A)	20,270	1,757,328
United Urban Investment Corp.	482	696,150
Uniti Group, Inc.	32,980	349,258
Universal Health Realty Income Trust	2,393	147,289
Urban Edge Properties	49,585	947,074
Urstadt Biddle Properties, Inc., Class A	5,622	108,954
Ventas, Inc.	50,968	2,910,273
Vicinity Centres	629,361	725,627
Vornado Realty Trust	21,330	995,471
Washington Real Estate Investment Trust	13,897	319,631
Weingarten Realty Investors	32,767	1,050,838
Welltower, Inc.	56,726	4,713,931
Weyerhaeuser Company	101,791	3,503,646

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Whitestone REIT	8,232	\$ 67,914
Xenia Hotels & Resorts, Inc. (A)	19,355	362,519
		251,650,246
<b>Real estate management and development – 0.6%</b>		
Aroundtown SA	162,499	1,267,854
Azrieli Group, Ltd.	6,903	486,395
CapitaLand, Ltd.	429,184	1,185,505
CBRE Group, Inc., Class A (A)	45,603	3,909,545
City Developments, Ltd.	66,513	361,204
CK Asset Holdings, Ltd.	326,062	2,244,289
Cushman & Wakefield PLC (A)	19,826	346,360
Daito Trust Construction Company, Ltd.	10,611	1,157,687
Daiwa House Industry Company, Ltd.	92,066	2,768,286
Deutsche Wohnen SE	55,602	3,402,180
ESR Cayman, Ltd. (A)(B)	323,400	1,090,421
eXp World Holdings, Inc. (A)	10,554	409,179
Fastighets AB Balder, B Shares (A)	17,105	1,072,273
Forestar Group, Inc. (A)	3,225	67,435
FRP Holdings, Inc. (A)	1,232	68,598
Hang Lung Properties, Ltd.	329,313	798,678
Henderson Land Development Company, Ltd.	236,709	1,120,166
Hongkong Land Holdings, Ltd.	189,834	904,072
Hulic Company, Ltd. (C)	43,869	492,817
Jones Lang LaSalle, Inc. (A)	14,013	2,738,981
Kennedy-Wilson Holdings, Inc.	20,007	397,539
LEG Immobilien SE	11,726	1,688,037
Lendlease Corp., Ltd.	111,959	962,034
Marcus & Millichap, Inc. (A)	4,016	156,102
Mitsubishi Estate Company, Ltd.	192,324	3,108,642
Mitsui Fudosan Company, Ltd.	149,126	3,448,341
New World Development Company, Ltd.	247,392	1,282,962
Newmark Group, Inc., Class A	25,491	306,147
Nomura Real Estate Holdings, Inc.	18,863	477,778
Rafael Holdings, Inc., Class B (A)	1,756	89,644
RE/MAX Holdings, Inc., Class A	3,286	109,522
Realogy Holdings Corp. (A)	19,381	353,122
Redfin Corp. (A)	17,155	1,087,799
Sino Land Company, Ltd.	535,722	844,530
Sumitomo Realty & Development Company, Ltd.	50,283	1,798,360
Sun Hung Kai Properties, Ltd.	212,314	3,155,399
Swire Pacific, Ltd., Class A	81,018	548,945
Swire Properties, Ltd.	190,287	566,803
Swiss Prime Site AG	12,356	1,226,295
Tejon Ranch Company (A)	4,291	65,266
The RMR Group, Inc., Class A	2,892	111,747
The St. Joe Company	5,695	254,054
UOL Group, Ltd.	75,470	410,430
Vonovia SE	87,439	5,650,790
Wharf Real Estate Investment Company, Ltd.	271,346	1,577,346
		55,569,559
		307,219,805
<b>Utilities – 2.7%</b>		
<b>Electric utilities – 1.5%</b>		
ALLETE, Inc.	22,908	1,603,102
Alliant Energy Corp.	33,984	1,894,948
American Electric Power Company, Inc.	67,897	5,743,407
AusNet Services, Ltd.	309,141	405,182
Chubu Electric Power Company, Inc.	104,829	1,282,545
CK Infrastructure Holdings, Ltd.	107,843	642,412
CLP Holdings, Ltd.	267,334	2,642,019
Duke Energy Corp.	104,508	10,317,030

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electric utilities (continued)</b>		
Edison International	51,551	\$ 2,980,679
EDP - Energias de Portugal SA	451,510	2,395,901
Electricite de France SA	75,631	1,033,580
Elia Group SA/NV	5,025	530,421
Endesa SA (C)	51,661	1,254,111
Enel SpA	1,322,887	12,293,415
Entergy Corp.	27,262	2,718,021
Evergy, Inc.	31,149	1,882,334
Eversource Energy	46,664	3,744,319
Exelon Corp.	132,762	5,882,684
FirstEnergy Corp.	73,895	2,749,633
Fortum OYJ	72,241	1,992,873
Hawaiian Electric Industries, Inc.	29,820	1,260,790
HK Electric Investments & HK Electric Investments, Ltd.	431,000	436,745
Iberdrola SA	939,521	11,457,135
IDACORP, Inc.	13,797	1,345,208
Mercury NZ, Ltd.	110,788	516,316
MGE Energy, Inc.	6,233	463,985
NextEra Energy, Inc.	266,487	19,528,167
NRG Energy, Inc.	33,252	1,340,056
OGE Energy Corp.	54,673	1,839,746
Origin Energy, Ltd.	286,459	967,434
Orsted A/S (B)	30,769	4,318,778
Otter Tail Corp.	7,102	346,649
Pinnacle West Capital Corp.	15,319	1,255,698
PNM Resources, Inc.	37,587	1,833,118
Portland General Electric Company	14,890	686,131
Power Assets Holdings, Ltd.	225,736	1,385,129
PPL Corp.	104,537	2,923,900
Red Electrica Corp. SA (C)	70,405	1,307,152
SSE PLC	169,508	3,520,472
Terna SpA	228,847	1,706,669
The Kansai Electric Power Company, Inc.	114,524	1,092,766
The Southern Company	143,828	8,703,032
Tohoku Electric Power Company, Inc.	69,565	545,418
Tokyo Electric Power Company Holdings, Inc. (A)	248,328	739,465
Verbund AG (C)	11,076	1,020,331
Xcel Energy, Inc.	73,122	4,817,277
		139,346,183
<b>Gas utilities – 0.3%</b>		
APA Group	191,909	1,280,537
Atmos Energy Corp.	17,753	1,706,241
Brookfield Infrastructure Corp., Class A	6,168	465,067
Chesapeake Utilities Corp.	2,929	352,447
Enagas SA (C)	40,482	935,658
Hong Kong & China Gas Company, Ltd.	1,821,022	2,827,545
National Fuel Gas Company	24,902	1,301,130
Naturgy Energy Group SA	47,312	1,217,644
New Jersey Resources Corp.	42,513	1,682,239
Northwest Natural Holding Company	5,328	279,827
ONE Gas, Inc.	23,311	1,727,811
Osaka Gas Company, Ltd.	60,975	1,137,725
Snam SpA	327,983	1,897,300
South Jersey Industries, Inc.	17,281	448,096
Southwest Gas Holdings, Inc.	25,257	1,671,761
Spire, Inc.	22,532	1,628,388
Toho Gas Company, Ltd.	11,984	588,343
Tokyo Gas Company, Ltd.	61,196	1,154,259
UGI Corp.	57,002	2,639,763
		24,941,781
<b>Independent power and renewable electricity producers – 0.1%</b>		
Clearway Energy, Inc., Class A	7,245	182,719

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Independent power and renewable electricity producers (continued)</b>		
Clearway Energy, Inc., Class C	12,743	\$ 337,435
EDP Renovaveis SA	46,871	1,087,490
Meridian Energy, Ltd.	208,400	777,014
Ormat Technologies, Inc.	7,572	526,481
Sunnova Energy International, Inc. (A)	14,534	547,350
The AES Corp.	90,519	2,359,830
Uniper SE	14,881	548,265
		6,366,584
<b>Multi-utilities – 0.7%</b>		
AGL Energy, Ltd.	101,335	622,584
Ameren Corp.	34,720	2,778,989
Avista Corp.	11,639	496,636
Black Hills Corp.	27,611	1,812,110
CenterPoint Energy, Inc.	78,867	1,933,819
CMS Energy Corp.	39,326	2,323,380
Consolidated Edison, Inc.	46,575	3,340,359
Dominion Energy, Inc.	109,576	8,061,506
DTE Energy Company	26,320	3,411,072
E.ON SE	365,169	4,224,884
Engie SA	297,073	4,073,634
MDU Resources Group, Inc.	54,951	1,722,164
National Grid PLC	577,273	7,342,722
NiSource, Inc.	53,286	1,305,507
NorthWestern Corp.	22,311	1,343,568
Public Service Enterprise Group, Inc.	68,623	4,099,538
RWE AG	104,488	3,788,440
Sempra Energy	42,806	5,670,939
Suez SA (C)	56,212	1,337,363
Unitil Corp.	2,610	138,252
Veolia Environnement SA	87,652	2,649,796
WEC Energy Group, Inc.	42,856	3,812,041
		66,289,303
<b>Water utilities – 0.1%</b>		
American States Water Company	6,033	479,985
American Water Works Company, Inc.	24,655	3,800,075
Artesian Resources Corp., Class A	2,546	93,616
Cadiz, Inc. (A)(C)	4,223	57,433
California Water Service Group	8,570	475,978
Essential Utilities, Inc.	61,053	2,790,122
Middlesex Water Company	2,922	238,815
Pure Cycle Corp. (A)	4,818	66,585
Sewern Trent PLC	38,854	1,345,037
SJW Group	4,784	302,827
The York Water Company	2,615	118,460
United Utilities Group PLC	110,909	1,496,962
		11,265,895
		248,209,746
<b>TOTAL COMMON STOCKS (Cost \$4,317,023,094)</b>		<b>\$ 8,824,255,132</b>
<b>PREFERRED SECURITIES – 0.2%</b>		
<b>Consumer discretionary – 0.1%</b>		
<b>Automobiles – 0.1%</b>		
Bayerische Motoren Werke AG	9,250	832,122
Porsche Automobil Holding SE	24,906	2,673,678
Volkswagen AG	30,185	7,568,329
		11,074,129
<b>Consumer staples – 0.1%</b>		
<b>Household products – 0.1%</b>		
Henkel AG & Company KGaA	28,977	3,060,375
<b>Health care – 0.0%</b>		
<b>Health care equipment and supplies – 0.0%</b>		
Sartorius AG	4,263	2,218,925

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>PREFERRED SECURITIES (continued)</b>		
<b>Materials – 0.0%</b>		
FUCHS PETROLUB SE	11,304	\$ 550,102
<b>TOTAL PREFERRED SECURITIES (Cost \$9,941,317)</b>		<b>\$ 16,903,531</b>
<b>RIGHTS – 0.0%</b>		
ACS Actividades de Construccion y Servicios SA (Expiration Date: 7-7-21) (A)(E)	37,897	53,025
Pan American Silver Corp. (Expiration Date: 2-22-29) (A)(E)	54,671	46,470
<b>TOTAL RIGHTS (Cost \$73,641)</b>		<b>\$ 99,495</b>
<b>WARRANTS – 0.0%</b>		
Cie Financiere Rlichemont SA (Expiration Date: 11-22-23; Strike Price: CHF 67.00) (A)	200,486	134,344
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)	480	4,800
Whiting Petroleum Corp., Class A (Expiration Date: 9-1-24; Strike Price: \$73.44) (A)	917	5,722
Whiting Petroleum Corp., Class B (Expiration Date: 9-1-25; Strike Price: \$83.45) (A)	458	2,643
<b>TOTAL WARRANTS (Cost \$15,655)</b>		<b>\$ 147,509</b>
<b>SHORT-TERM INVESTMENTS – 4.8%</b>		
<b>U.S. Government – 1.7%</b>		
U.S. Cash Management Bill 0.013%, 09/21/2021 *	\$ 17,800,000	17,798,054
U.S. Treasury Bill 0.040%, 08/03/2021 *	136,000,000	135,994,166
		153,792,220
<b>U.S. Government Agency – 2.4%</b>		
Federal Home Loan Bank Discount Note 0.008%, 08/27/2021 *	11,000,000	10,999,303
0.009%, 07/30/2021 *	5,700,000	5,699,862
0.015%, 07/09/2021 *	4,300,000	4,299,971
0.015%, 08/27/2021 *	13,000,000	12,999,177
0.020%, 07/16/2021 *	4,700,000	4,699,941
0.020%, 09/03/2021 *	100,000,000	99,991,111
0.035%, 08/25/2021 *	7,000,000	6,999,572

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
MSCI EAFE Index Futures	1,727	Long	Sep 2021	\$202,574,804	\$198,959,035	\$(3,615,769)
Russell 2000 E-Mini Index Futures	215	Long	Sep 2021	24,789,411	24,808,850	19,439
S&P 500 Index E-Mini Futures	976	Long	Sep 2021	204,663,158	209,283,680	4,620,522
S&P Mid 400 Index E-Mini Futures	105	Long	Sep 2021	28,618,181	28,270,200	(347,981)
						<b>\$676,211</b>

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

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

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>U.S. Government Agency (continued)</b>		
Federal Home Loan Bank Discount Note (continued) 0.040%, 07/27/2021 *	\$ 80,000,000	\$ 79,998,266
		225,687,203
<b>Short-term funds – 0.5%</b>		
John Hancock Collateral Trust, 0.0324% (F)(G)	4,731,904	47,340,809
<b>Repurchase agreement – 0.2%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$20,230,000 on 7-1-21, collateralized by \$21,321,500 U.S. Treasury Notes, 0.500% due 5-31-27 (valued at \$20,634,795)	\$ 20,230,000	20,230,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$447,059,167)</b>		<b>\$ 447,050,232</b>
<b>Total Investments (Strategic Equity Allocation Trust)</b>		<b>\$ 9,288,455,899</b>
<b>(Cost \$4,774,112,874) – 99.8%</b>		<b>22,565,222</b>
<b>Other assets and liabilities, net – 0.2%</b>		<b>\$ 9,311,021,121</b>
<b>TOTAL NET ASSETS – 100.0%</b>		

### Currency Abbreviations

CHF Swiss Franc

### Security Abbreviations and Legend

- ADR American Depositary Receipt
- (A) Non-income producing security.
- (B) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
- (C) All or a portion of this security is on loan as of 6-30-21.
- (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 6-30-21.
- (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 — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 96.6%</b>		
<b>Communication services – 10.7%</b>		
<b>Diversified telecommunication services – 1.0%</b>		
AT&T, Inc.	130,688	\$ 3,761,201
ATN International, Inc.	316	14,375
Bandwidth, Inc., Class A (A)	499	68,822
Cincinnati Bell, Inc. (A)	1,094	16,869
Cogent Communications Holdings, Inc.	979	75,275
Consolidated Communications Holdings, Inc. (A)	1,652	14,521
Globalstar, Inc. (A)(B)	32,583	57,998
IDT Corp., Class B (A)	637	23,544
Iridium Communications, Inc. (A)	2,764	110,532
Lumen Technologies, Inc.	21,754	295,637
Ooma, Inc. (A)	511	9,637
ORBCOMM, Inc. (A)	2,046	22,997
Verizon Communications, Inc.	75,245	4,215,977
		8,687,385
<b>Entertainment – 1.9%</b>		
Activision Blizzard, Inc.	14,392	1,373,572
AMC Entertainment Holdings, Inc., Class A (A)(B)	9,097	515,618
Cinedigm Corp., Class A (A)	1,164	1,502
Cinemark Holdings, Inc. (A)	2,446	53,690
Electronic Arts, Inc.	5,235	752,950
Endeavor Group Holdings, Inc. (A)	9,527	263,993
Gaia, Inc. (A)(B)	509	5,594
Liberty Media Corp.-Liberty Braves, Class A (A)	1,147	32,368
Liberty Media Corp.-Liberty Formula One, Series A (A)	4,894	208,631
Lions Gate Entertainment Corp., Class B (A)	4,693	85,882
Live Nation Entertainment, Inc. (A)	4,406	385,922
LiveXLive Media, Inc. (A)	610	2,879
Madison Square Garden Entertainment Corp. (A)	499	41,901
Madison Square Garden Sports Corp. (A)	499	86,112
Netflix, Inc. (A)	8,118	4,288,009
ROBLOX Corp., Class A (A)	10,263	923,465
Roku, Inc. (A)	2,453	1,126,540
Sciplay Corp., Class A (A)	2,733	46,324
Take-Two Interactive Software, Inc. (A)	2,246	397,587
The Marcus Corp. (A)	654	13,871
The Walt Disney Company (A)	33,435	5,876,870
Warner Music Group Corp., Class A	9,713	350,057
World Wrestling Entertainment, Inc., Class A	1,652	95,634
Zynga, Inc., Class A (A)	19,797	210,442
		17,139,413
<b>Interactive media and services – 6.0%</b>		
Actua Corp. (A)(C)	909	68
Alphabet, Inc., Class C (A)	12,262	30,732,487
Angi, Inc., Class A (A)	10,603	143,353
Bumble, Inc., Class A (A)	895	51,552
CarGurus, Inc. (A)	2,365	62,034
Cars.com, Inc. (A)	1,453	20,821
Eventbrite, Inc., Class A (A)	1,808	34,352
EverQuote, Inc., Class A (A)	566	18,497
Facebook, Inc., Class A (A)	51,931	18,056,928
IAC/InterActiveCorp (A)	1,721	265,327
Kubient, Inc. (A)	256	1,462
Liberty TripAdvisor Holdings, Inc., Class A (A)	1,370	5,576
Match Group, Inc. (A)	4,980	803,025
Pinterest, Inc., Class A (A)	11,654	920,083

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Interactive media and services (continued)</b>		
QuinStreet, Inc. (A)	1,130	\$ 20,995
Snap, Inc., Class A (A)	23,773	1,619,892
Super League Gaming, Inc. (A)	1,312	7,072
TripAdvisor, Inc. (A)	2,658	107,117
TrueCar, Inc. (A)	2,492	14,080
Twitter, Inc. (A)	14,736	1,013,984
Vimeo, Inc. (A)	2,863	140,287
Yelp, Inc. (A)	1,481	59,181
Zillow Group, Inc., Class C (A)	4,332	529,457
ZoomInfo Technologies, Inc., Class A (A)	6,538	341,087
		54,968,717
<b>Media – 1.4%</b>		
Altice USA, Inc., Class A (A)	8,719	297,667
AMC Networks, Inc., Class A (A)	962	64,262
Audacy, Inc. (A)	3,101	13,365
Boston Omaha Corp., Class A (A)	528	16,743
Cable One, Inc.	114	218,060
Cardlytics, Inc. (A)	535	67,908
Charter Communications, Inc., Class A (A)	3,412	2,461,587
Clear Channel Outdoor Holdings, Inc. (A)	8,922	23,554
Comcast Corp., Class A	84,640	4,826,173
Discovery, Inc., Series A (A)(B)	9,625	295,295
DISH Network Corp., Class A (A)	9,877	412,859
Emerald Holding, Inc. (A)	1,734	9,346
Entravision Communications Corp., Class A	2,355	15,731
Fox Corp., Class A	11,028	409,470
Gannett Company, Inc. (A)	2,798	15,361
Gray Television, Inc.	2,122	49,655
Hemisphere Media Group, Inc. (A)	614	7,245
iHeartMedia, Inc., Class A (A)	94	2,531
John Wiley & Sons, Inc., Class A	1,105	66,499
Liberty Broadband Corp., Series A (A)	3,357	564,547
Liberty Media Corp.-Liberty SiriusXM, Series A (A)	5,951	277,198
Loral Space & Communications, Inc.	501	19,464
Meredith Corp. (A)	965	41,920
MSG Networks, Inc., Class A (A)	310	4,520
National CineMedia, Inc.	1,758	8,913
News Corp., Class A	11,420	294,293
Nexstar Media Group, Inc., Class A	936	138,416
Omnicom Group, Inc.	4,046	323,640
Saga Communications, Inc., Class A	930	20,135
Scholastic Corp.	780	29,554
Sinclair Broadcast Group, Inc., Class A	1,912	63,517
Sirius XM Holdings, Inc. (B)	78,403	512,756
TechTarget, Inc. (A)	625	48,431
TEGNA, Inc.	4,077	76,485
The EW Scripps Company, Class A	1,766	36,009
The Interpublic Group of Companies, Inc.	7,904	256,801
The New York Times Company, Class A	3,053	132,958
Tremor International, Ltd. (A)	81	797
ViacomCBS, Inc., Class B	11,857	535,936
WideOpenWest, Inc. (A)	1,455	30,133
		12,689,734
<b>Wireless telecommunication services – 0.4%</b>		
Gogo, Inc. (A)	2,008	22,851
Shenandoah Telecommunications Company	1,051	50,984
Spok Holdings, Inc.	499	4,800
Telephone & Data Systems, Inc.	2,451	55,540
T-Mobile US, Inc. (A)	23,046	3,337,752
United States Cellular Corp. (A)	1,559	56,607
		3,528,534
		97,013,783

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Consumer discretionary – 12.4%</b>		
<b>Auto components – 0.2%</b>		
American Axle & Manufacturing Holdings, Inc. (A)	2,288	\$ 23,681
Autoliv, Inc.	1,369	133,833
BorgWarner, Inc.	4,199	203,819
Dana, Inc.	3,021	71,779
Dorman Products, Inc. (A)	683	70,807
Fox Factory Holding Corp. (A)	808	125,773
Gentex Corp.	3,814	126,205
Gentherm, Inc. (A)	714	50,730
LCI Industries	524	68,864
Lear Corp.	1,062	186,147
Modine Manufacturing Company (A)	1,173	19,460
Motorcar Parts of America, Inc. (A)	476	10,681
Patrick Industries, Inc.	506	36,938
Standard Motor Products, Inc.	472	20,461
Stoneridge, Inc. (A)	619	18,261
Tenneco, Inc., Class A (A)	1,001	19,339
The Goodyear Tire & Rubber Company (A)	5,858	100,465
Veoneer, Inc. (A)(B)	2,448	56,426
Visteon Corp. (A)	596	72,080
		1,415,749
<b>Automobiles – 1.7%</b>		
Arcimoto, Inc. (A)	197	3,386
AYRO, Inc. (A)	733	3,577
Ford Motor Company (A)	74,176	1,102,255
General Motors Company (A)	26,511	1,568,656
Harley-Davidson, Inc.	3,110	142,500
Tesla, Inc. (A)	17,704	12,033,409
Thor Industries, Inc.	1,156	130,628
Winnebago Industries, Inc.	650	44,174
		15,028,585
<b>Distributors – 0.1%</b>		
Core-Mark Holding Company, Inc.	969	43,615
Funko, Inc., Class A (A)	1,079	22,961
Genuine Parts Company	2,698	341,216
Greenlane Holdings, Inc., Class A (A)(B)	2,197	9,821
LKQ Corp. (A)	5,851	287,986
Pool Corp.	737	338,032
Weyco Group, Inc.	262	5,861
		1,049,492
<b>Diversified consumer services – 0.1%</b>		
2U, Inc. (A)	1,345	56,046
Adtalem Global Education, Inc. (A)	976	34,785
American Public Education, Inc. (A)	372	10,542
Bright Horizons Family Solutions, Inc. (A)	1,171	172,266
Carriage Services, Inc.	454	16,784
Chegg, Inc. (A)	2,536	210,767
Coursera, Inc. (A)	784	31,015
frontdoor, Inc. (A)	1,584	78,915
Graham Holdings Company, Class B	8	5,071
Grand Canyon Education, Inc. (A)	934	84,032
H&R Block, Inc.	3,912	91,854
Houghton Mifflin Harcourt Company (A)	2,879	31,784
ITT Educational Services, Inc. (A)	608	3
Laureate Education, Inc., Class A (A)	4,397	63,800
Perdoceo Education Corp. (A)	1,522	18,675
Regis Corp. (A)	845	7,909
Select Interior Concepts, Inc., Class A (A)	642	6,035
Service Corp. International	3,677	197,050
StoneMor, Inc. (A)	3,034	7,949
Strategic Education, Inc.	459	34,912
Stride, Inc. (A)	857	27,535

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified consumer services (continued)</b>		
Terminix Global Holdings, Inc. (A)	2,398	\$ 114,409
WW International, Inc. (A)	1,417	51,210
XpresSpa Group, Inc. (A)	2,007	3,091
		1,356,439
<b>Hotels, restaurants and leisure – 2.1%</b>		
Airbnb, Inc., Class A (A)	11,378	1,742,427
Ambassadors Group, Inc. (A)(C)	714	29
Aramark	5,209	194,035
Bally's Corp. (A)	719	38,905
Biglari Holdings, Inc., Class B (A)	58	9,249
BJ's Restaurants, Inc. (A)	418	20,541
Bloomin' Brands, Inc. (A)	1,832	49,720
Bluegreen Vacations Holding Corp. (A)	1,283	23,094
Booking Holdings, Inc. (A)	748	1,636,691
Boyd Gaming Corp. (A)	2,333	143,456
Brinker International, Inc. (A)	773	47,810
Caesars Entertainment, Inc. (A)	3,382	350,883
Carnival Corp. (A)	17,758	468,101
Carrols Restaurant Group, Inc. (A)	1,021	6,136
Cedar Fair LP (A)	1,175	52,675
Century Casinos, Inc. (A)	691	9,280
Chipotle Mexican Grill, Inc. (A)	526	815,479
Choice Hotels International, Inc.	1,159	137,759
Churchill Downs, Inc.	782	155,039
Chuy's Holdings, Inc. (A)	395	14,718
Cracker Barrel Old Country Store, Inc.	497	73,785
Darden Restaurants, Inc.	2,531	369,501
Dave & Buster's Entertainment, Inc. (A)	654	26,552
Denny's Corp. (A)	1,245	20,530
Dine Brands Global, Inc. (A)	348	31,059
Domino's Pizza, Inc.	710	331,208
Drive Shack, Inc. (A)	1,927	6,378
El Pollo Loco Holdings, Inc. (A)	824	15,071
Everi Holdings, Inc. (A)	1,749	43,620
Expedia Group, Inc. (A)	2,827	462,808
Fiesta Restaurant Group, Inc. (A)	709	9,522
Golden Entertainment, Inc. (A)	617	27,642
Hall of Fame Resort & Entertainment Company (A)	529	2,079
Hilton Grand Vacations, Inc. (A)	1,803	74,626
Hilton Worldwide Holdings, Inc. (A)	4,511	544,117
Hyatt Hotels Corp., Class A (A)	1,966	152,640
Jack in the Box, Inc.	490	54,606
Las Vegas Sands Corp. (A)	14,043	739,926
Marriott International, Inc., Class A (A)	6,139	838,096
Marriott Vacations Worldwide Corp. (A)	878	139,865
McDonald's Corp.	13,213	3,052,071
MGM Resorts International	9,941	423,984
Monarch Casino & Resort, Inc. (A)	382	25,277
Nathan's Famous, Inc.	100	7,132
Noodles & Company (A)	1,045	13,042
Norwegian Cruise Line Holdings, Ltd. (A)	4,498	132,286
Papa John's International, Inc.	670	69,975
Penn National Gaming, Inc. (A)	2,783	212,872
Planet Fitness, Inc., Class A (A)	1,802	135,601
PlayAGS, Inc. (A)	812	8,039
RCI Hospitality Holdings, Inc.	238	15,756
Red Robin Gourmet Burgers, Inc. (A)	308	10,198
Red Rock Resorts, Inc., Class A (A)	2,475	105,188
Restaurant Brands International LP	82	5,250
Royal Caribbean Cruises, Ltd. (A)	4,371	372,759
Ruth's Hospitality Group, Inc. (A)	679	15,637
Scientific Games Corp. (A)	1,986	153,796
SeaWorld Entertainment, Inc. (A)	1,657	82,751
Shake Shack, Inc., Class A (A)	792	84,760

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Six Flags Entertainment Corp. (A)	1,773	\$ 76,735
Starbucks Corp.	21,759	2,432,874
Texas Roadhouse, Inc.	1,455	139,971
The Cheesecake Factory, Inc. (A)	940	50,929
The Wendy's Company	4,472	104,734
Travel + Leisure Company	1,894	112,598
Vail Resorts, Inc. (A)	751	237,707
Wingstop, Inc.	618	97,415
Wyndham Hotels & Resorts, Inc.	1,985	143,496
Wynn Resorts, Ltd. (A)	2,242	274,197
Yum! Brands, Inc.	5,398	620,932
		19,097,620
<b>Household durables – 0.5%</b>		
Aterian, Inc. (A)	586	8,573
Bassett Furniture Industries, Inc.	298	7,256
Beazer Homes USA, Inc. (A)	757	14,603
Cavco Industries, Inc. (A)	196	43,549
Century Communities, Inc.	679	45,181
Cricut, Inc., Class A (A)	3,515	149,739
D.R. Horton, Inc.	6,613	597,617
Ethan Allen Interiors, Inc.	592	16,339
Flexsteel Industries, Inc.	230	9,290
GoPro, Inc., Class A (A)	3,474	40,472
Green Brick Partners, Inc. (A)	1,182	26,879
Hamilton Beach Brands Holding Company, Class A	354	7,884
Hamilton Beach Brands Holding Company, Class B	241	5,367
Helen of Troy, Ltd. (A)	477	108,813
Hooker Furniture Corp.	271	9,387
Hovnanian Enterprises, Inc., Class A (A)	148	15,731
Installed Building Products, Inc.	636	77,821
iRobot Corp. (A)	605	56,501
KB Home	1,848	75,251
La-Z-Boy, Inc.	986	36,521
Legacy Housing Corp. (A)	580	9,808
Leggett & Platt, Inc.	2,764	143,203
Lennar Corp., A Shares	5,721	568,381
M/I Homes, Inc. (A)	609	35,730
MDC Holdings, Inc.	1,420	71,852
Meritage Homes Corp. (A)	612	57,577
Mohawk Industries, Inc. (A)	1,330	255,613
Newell Brands, Inc.	8,877	243,851
NVR, Inc. (A)	53	263,585
PulteGroup, Inc.	4,745	258,935
Purple Innovation, Inc. (A)	922	24,350
Skyline Champion Corp. (A)	1,218	64,919
Sonos, Inc. (A)	2,332	82,156
Taylor Morrison Home Corp. (A)	2,853	75,376
Tempur Sealy International, Inc.	4,262	167,028
The Lovesac Company (A)	354	28,246
Toll Brothers, Inc.	2,331	134,755
TopBuild Corp. (A)	712	140,819
Tri Pointe Homes, Inc. (A)	2,144	45,946
Tupperware Brands Corp. (A)	1,115	26,481
Universal Electronics, Inc. (A)	312	15,132
Vizio Holding Corp. (A)	36	972
VOXX International Corp. (A)	1,072	15,019
Whirlpool Corp.	1,133	247,017
		4,329,525
<b>Internet and direct marketing retail – 4.0%</b>		
1-800-Flowers.com, Inc., Class A (A)	1,394	44,427
1847 Goedecker, Inc. (A)	2,236	8,609
Amazon.com, Inc. (A)	9,239	31,783,638
Chewy, Inc., Class A (A)	7,913	630,745

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Internet and direct marketing retail (continued)</b>		
ContextLogic, Inc., Class A (A)	11,179	\$ 147,227
DoorDash, Inc., Class A (A)(B)	6,049	1,078,718
Duluth Holdings, Inc., Class B (A)	700	14,455
eBay, Inc.	12,433	872,921
Etsy, Inc. (A)	2,431	500,397
Groupon, Inc. (A)	624	26,932
Just Eat Takeaway.com NV (A)	2,538	46,344
Lands' End, Inc. (A)	743	30,500
Liquidity Services, Inc. (A)	965	24,559
Magnite, Inc. (A)	1,986	67,206
Overstock.com, Inc. (A)	772	71,178
PetMed Express, Inc.	456	14,524
Poshmark, Inc., Class A (A)	721	34,421
PubMatic, Inc., Class A (A)	494	19,301
Quotient Technology, Inc. (A)	1,851	20,009
Qurate Retail, Inc., Series A	8,500	111,265
Remark Holdings, Inc. (A)	1,705	3,171
Revolve Group, Inc. (A)	1,471	101,352
RumbleON, Inc., Class B (A)	39	1,578
Shutterstock, Inc.	747	73,333
Stamps.com, Inc. (A)	358	71,704
Stitch Fix, Inc., Class A (A)	2,150	129,645
The RealReal, Inc. (A)	1,823	36,022
ThredUp, Inc., Class A (A)	1,343	39,054
Wayfair, Inc., Class A (A)	1,927	608,373
		36,611,608
<b>Leisure products – 0.2%</b>		
Acushnet Holdings Corp.	1,579	78,003
American Outdoor Brands, Inc. (A)	307	10,788
Brunswick Corp.	1,697	169,055
Callaway Golf Company (A)	1,981	66,819
Clarus Corp.	526	13,518
Escalade, Inc.	418	9,593
Hasbro, Inc.	2,684	253,692
Hayward Holdings, Inc. (A)	820	21,336
Johnson Outdoors, Inc., Class A	217	26,257
Malibu Boats, Inc., Class A (A)	437	32,045
Marine Products Corp.	742	11,456
MasterCraft Boat Holdings, Inc. (A)	441	11,594
Mattel, Inc. (A)	7,297	146,670
Nautilus, Inc. (A)	464	7,818
Peloton Interactive, Inc., Class A (A)	5,619	696,868
Polaris, Inc.	1,232	168,735
Smith & Wesson Brands, Inc.	1,231	42,716
Sturm Ruger & Company, Inc.	342	30,773
Vista Outdoor, Inc. (A)	1,284	59,424
YETI Holdings, Inc. (A)	1,811	166,286
		2,023,446
<b>Multiline retail – 0.5%</b>		
Big Lots, Inc.	827	54,590
Dillard's, Inc., Class A	529	95,686
Dollar General Corp.	4,313	933,290
Dollar Tree, Inc. (A)	4,275	425,363
Kohl's Corp.	3,223	177,620
Macy's, Inc. (A)	6,460	122,482
Nordstrom, Inc. (A)	3,244	118,633
Ollie's Bargain Outlet Holdings, Inc. (A)	1,336	112,398
Target Corp.	9,085	2,196,208
		4,236,270
<b>Specialty retail – 2.2%</b>		
Abercrombie & Fitch Company, Class A (A)	1,358	63,052
Advance Auto Parts, Inc.	1,216	249,450
American Eagle Outfitters, Inc.	3,537	132,744

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
America's Car-Mart, Inc. (A)	119	\$ 16,865
Asbury Automotive Group, Inc. (A)	403	69,062
At Home Group, Inc. (A)	1,302	47,966
AutoNation, Inc. (A)	1,625	154,066
AutoZone, Inc. (A)	387	577,489
Barnes & Noble Education, Inc. (A)	1,248	8,998
Bed Bath & Beyond, Inc. (A)	2,528	84,157
Best Buy Company, Inc.	4,684	538,566
Blink Charging Company (A)(B)	688	28,325
Boot Barn Holdings, Inc. (A)	611	51,355
Burlington Stores, Inc. (A)	1,195	384,778
Caleres, Inc.	889	24,261
Camping World Holdings, Inc., Class A	1,893	77,594
CarMax, Inc. (A)	3,061	395,328
Carvana Company (A)	3,262	984,537
Chico's FAS, Inc. (A)	2,691	17,707
Citi Trends, Inc. (A)	286	24,882
Conn's, Inc. (A)	510	13,005
Designer Brands, Inc., Class A (A)	1,564	25,884
Destination XL Group, Inc. (A)	134	507
Dick's Sporting Goods, Inc.	1,834	183,748
Express, Inc. (A)	695	4,511
Five Below, Inc. (A)	1,162	224,580
Floor & Decor Holdings, Inc., Class A (A)	2,115	223,556
Foot Locker, Inc.	1,841	113,461
GameStop Corp., Class A (A)(B)	1,393	298,297
Genesco, Inc. (A)	319	20,314
Group 1 Automotive, Inc.	389	60,073
Guess?, Inc.	1,387	36,617
Haverty Furniture Companies, Inc.	468	20,012
Hibbett, Inc. (A)	399	35,762
L Brands, Inc.	5,296	381,630
Leslie's, Inc. (A)	624	17,154
Lithia Motors, Inc.	485	166,665
Lowe's Companies, Inc.	13,002	2,521,998
Lumber Liquidators Holdings, Inc. (A)	701	14,791
MarineMax, Inc. (A)	503	24,516
Monro, Inc.	705	44,775
Murphy USA, Inc.	538	71,753
National Vision Holdings, Inc. (A)	1,673	85,540
O'Reilly Automotive, Inc. (A)	1,240	702,100
Party City Holdco, Inc. (A)	1,740	16,234
Penske Automotive Group, Inc.	1,591	120,105
Rent-A-Center, Inc.	1,196	63,472
RH (A)	398	270,242
Ross Stores, Inc.	6,421	796,204
Sally Beauty Holdings, Inc. (A)	2,432	53,674
Shoe Carnival, Inc.	302	21,620
Signet Jewelers, Ltd. (A)	1,125	90,889
Sleep Number Corp. (A)	608	66,850
Sonic Automotive, Inc., Class A	881	39,416
Sportsman's Warehouse Holdings, Inc. (A)	611	10,857
The Aaron's Company, Inc.	707	22,617
The Buckle, Inc.	978	48,656
The Cato Corp., Class A	560	9,447
The Children's Place, Inc. (A)	330	30,710
The Container Store Group, Inc. (A)	658	8,580
The Gap, Inc.	7,254	244,097
The Home Depot, Inc.	19,456	6,204,324
The ODP Corp. (A)	1,563	75,040
The TJX Companies, Inc.	21,978	1,481,757
Tilly's, Inc., Class A	701	11,202
Tractor Supply Company	2,217	412,495
Ulta Beauty, Inc. (A)	1,059	366,170
Urban Outfitters, Inc. (A)	2,057	84,790

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
Vroom, Inc. (A)	1,684	\$ 70,492
Williams-Sonoma, Inc.	1,458	232,770
Winmark Corp.	75	14,406
Zumiez, Inc. (A)	551	26,993
		20,116,540
<b>Textiles, apparel and luxury goods – 0.8%</b>		
Carter's, Inc.	772	79,647
Columbia Sportswear Company	1,104	108,589
Crocs, Inc. (A)	1,447	168,604
Culp, Inc.	350	5,705
Deckers Outdoor Corp. (A)	498	191,267
Fossil Group, Inc. (A)	1,160	16,565
G-III Apparel Group, Ltd. (A)	1,025	33,682
Hanesbrands, Inc.	6,891	128,655
Kontoor Brands, Inc.	1,195	67,410
Levi Strauss & Company, Class A	7,699	213,416
Movado Group, Inc.	510	16,050
NIKE, Inc., Class B	28,917	4,467,387
Oxford Industries, Inc.	352	34,792
PVH Corp. (A)	1,528	164,398
Ralph Lauren Corp.	1,384	163,049
Rocky Brands, Inc.	193	10,731
Skechers USA, Inc., Class A (A)	3,142	156,566
Steven Madden, Ltd.	1,594	69,753
Superior Group of Companies, Inc.	407	9,731
Tapestry, Inc. (A)	5,678	246,879
Under Armour, Inc., Class A (A)	9,445	199,762
Unifi, Inc. (A)	438	10,670
Vera Bradley, Inc. (A)	773	9,577
VF Corp.	7,014	575,429
Wolverine World Wide, Inc.	1,702	57,255
		7,205,569
		112,470,843
<b>Consumer staples – 5.6%</b>		
<b>Beverages – 1.3%</b>		
Brown-Forman Corp., Class B	8,649	648,156
Celsius Holdings, Inc. (A)	1,510	114,896
Coca-Cola Consolidated, Inc.	196	78,817
Constellation Brands, Inc., Class A	3,515	822,123
Keurig Dr. Pepper, Inc.	27,260	960,642
MGP Ingredients, Inc.	345	23,336
Molson Coors Beverage Company, Class B (A)	3,946	211,861
Monster Beverage Corp. (A)	9,915	905,735
National Beverage Corp.	1,990	93,988
NewAge, Inc. (A)	1,610	3,590
PepsiCo, Inc.	25,092	3,717,882
Primo Water Corp.	546	9,135
The Boston Beer Company, Inc., Class A (A)	240	244,992
The Coca-Cola Company	78,888	4,268,630
		12,103,783
<b>Food and staples retailing – 1.5%</b>		
Albertsons Companies, Inc., Class A (B)	8,787	172,752
BJ's Wholesale Club Holdings, Inc. (A)	2,669	126,991
Casey's General Stores, Inc.	646	125,737
Costco Wholesale Corp.	8,015	3,171,295
Grocery Outlet Holding Corp. (A)	1,883	65,265
HF Foods Group, Inc. (A)	1,021	5,401
Ingles Markets, Inc., Class A	443	25,814
Natural Grocers by Vitamin Cottage, Inc.	601	6,455
Performance Food Group Company (A)	2,332	113,079
PriceSmart, Inc.	644	58,610
Rite Aid Corp. (A)	1,197	19,511

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Food and staples retailing (continued)</b>		
SpartanNash Company	869	\$ 16,780
Sprouts Farmers Market, Inc. (A)	2,519	62,597
Sysco Corp.	9,614	747,489
The Andersons, Inc.	755	23,050
The Chefs' Warehouse, Inc. (A)	665	21,167
The Kroger Company	13,834	529,981
U.S. Foods Holding Corp. (A)	4,546	174,385
United Natural Foods, Inc. (A)	1,210	44,746
Village Super Market, Inc., Class A	374	8,793
Walgreens Boots Alliance, Inc.	15,828	832,711
Walmart, Inc.	51,237	7,225,442
Weis Markets, Inc.	558	28,826
		13,606,877
<b>Food products – 1.0%</b>		
Alico, Inc.	195	6,942
Archer-Daniels-Midland Company	10,167	616,120
B&G Foods, Inc. (B)	1,345	44,116
Beyond Meat, Inc. (A)	1,287	202,690
Bunge, Ltd.	2,731	213,428
Calavo Growers, Inc.	372	23,592
Cal-Maine Foods, Inc.	948	34,327
Campbell Soup Company	5,758	262,507
Conagra Brands, Inc.	9,157	333,132
Darling Ingredients, Inc. (A)	3,349	226,058
Flowers Foods, Inc.	4,259	103,068
Fresh Del Monte Produce, Inc.	1,036	34,064
Freshpet, Inc. (A)	763	124,338
General Mills, Inc.	11,113	677,115
Hormel Foods Corp.	8,327	397,614
Hostess Brands, Inc. (A)	2,739	44,344
Ingredion, Inc.	1,127	101,994
J&J Snack Foods Corp.	393	68,543
John B. Sanfilippo & Son, Inc.	247	21,877
Kellogg Company	6,139	394,922
Lamb Weston Holdings, Inc.	2,892	233,269
Lancaster Colony Corp.	432	83,596
Landec Corp. (A)	729	8,201
Limoneira Company	402	7,055
McCormick & Company, Inc.	4,936	435,948
Mondelez International, Inc., Class A	25,253	1,576,797
Pilgrim's Pride Corp. (A)	4,994	110,767
Post Holdings, Inc. (A)	1,233	133,744
Sanderson Farms, Inc.	465	87,406
Seaboard Corp.	17	65,768
Seneca Foods Corp., Class A (A)	231	11,799
The Hain Celestial Group, Inc. (A)	2,077	83,329
The Hershey Company	3,776	657,704
The J.M. Smucker Company	1,442	186,840
The Kraft Heinz Company	22,286	908,823
The Simply Good Foods Company (A)	1,921	70,136
Tootsie Roll Industries, Inc. (B)	1,302	44,151
TreeHouse Foods, Inc. (A)	1,183	52,667
Tyson Foods, Inc., Class A	6,498	479,292
		9,168,083
<b>Household products – 1.0%</b>		
Central Garden & Pet Company, Class A (A)	1,200	57,960
Church & Dwight Company, Inc.	4,606	392,523
Colgate-Palmolive Company	15,543	1,264,423
Energizer Holdings, Inc.	1,450	62,321
Kimberly-Clark Corp.	5,663	757,596
Oil-Dri Corp. of America	183	6,255
Reynolds Consumer Products, Inc.	1,546	46,921
Spectrum Brands Holdings, Inc.	994	84,530
The Clorox Company	2,297	413,253

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Household products (continued)</b>		
The Procter & Gamble Company	44,679	\$ 6,028,537
WD-40 Company	246	63,047
		9,177,366
<b>Personal products – 0.3%</b>		
BellRing Brands, Inc., Class A (A)	593	18,585
Coty, Inc., Class A (A)	15,881	148,329
Edgewell Personal Care Company	1,170	51,363
elf Beauty, Inc. (A)	1,098	29,800
Herbalife Nutrition, Ltd. (A)	2,538	133,829
Inter Parfums, Inc.	645	46,440
Medifast, Inc.	247	69,896
Nature's Sunshine Products, Inc.	585	10,161
Nu Skin Enterprises, Inc., Class A	1,184	67,074
Revlon, Inc., Class A (A)	1,150	14,766
The Estee Lauder Companies, Inc., Class A	6,714	2,135,589
USANA Health Sciences, Inc. (A)	464	47,528
Veru, Inc. (A)	1,088	8,780
		2,782,140
<b>Tobacco – 0.5%</b>		
22nd Century Group, Inc. (A)	3,359	15,552
Altria Group, Inc.	34,366	1,638,571
Philip Morris International, Inc.	28,573	2,831,870
Turning Point Brands, Inc.	443	20,276
Universal Corp.	441	25,124
Vector Group, Ltd.	3,163	44,725
		4,576,118
		51,414,367
<b>Energy – 3.0%</b>		
<b>Energy equipment and services – 0.3%</b>		
Archrock, Inc.	3,041	27,095
Aspen Aerogels, Inc. (A)	761	22,769
Baker Hughes Company	20,338	465,130
Bristow Group, Inc. (A)	201	5,148
Cactus, Inc., Class A	1,614	59,266
ChampionX Corp. (A)	1,683	43,169
DMC Global, Inc. (A)	314	17,650
Dril-Quip, Inc. (A)	785	26,557
Exterran Corp. (A)	5,600	26,656
Halliburton Company	16,791	388,208
Helix Energy Solutions Group, Inc. (A)	3,143	17,947
Helmerich & Payne, Inc.	2,298	74,984
ION Geophysical Corp. (A)	100	209
Liberty Oilfield Services, Inc., Class A (A)	2,453	34,734
Nabors Industries, Ltd. (A)	193	22,048
National Energy Services Reunited Corp. (A)	1,682	23,969
Newpark Resources, Inc. (A)	2,201	7,615
NexTier Oilfield Solutions, Inc. (A)	4,501	21,425
NOV, Inc. (A)	8,165	125,088
Oceaneering International, Inc. (A)	2,236	34,815
Oil States International, Inc. (A)	1,360	10,676
Patterson-UTI Energy, Inc.	4,413	43,865
ProPetro Holding Corp. (A)	1,939	17,761
RPC, Inc. (A)	4,420	21,879
Schlumberger NV	26,793	857,644
Select Energy Services, Inc., Class A (A)	2,472	14,931
Solaris Oilfield Infrastructure, Inc., Class A	1,111	10,821
Tidewater, Inc. (A)	820	9,881
USA Compression Partners LP	2,120	34,938
		2,466,878
<b>Oil, gas and consumable fuels – 2.7%</b>		
Aemetis, Inc. (A)	664	7,417



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Alliance Resource Partners LP	2,793	\$ 20,138
Antero Midstream Corp.	10,691	111,079
Antero Resources Corp. (A)	6,209	93,321
APA Corp.	7,916	171,223
Arch Resources, Inc. (A)	237	13,504
Black Stone Minerals LP	4,760	51,170
BP Midstream Partners LP	1,216	17,608
Brigham Minerals, Inc., Class A	1,168	24,867
Cabot Oil & Gas Corp.	7,705	134,529
Callon Petroleum Company (A)	748	43,152
Calumet Specialty Products Partners LP (A)	1,998	13,726
Centennial Resource Development, Inc., Class A (A)	5,329	36,131
Cheniere Energy, Inc. (A)	4,797	416,092
Chevron Corp.	35,846	3,754,510
Cimarex Energy Company	2,170	157,217
Clean Energy Fuels Corp. (A)	4,677	47,472
CNX Resources Corp. (A)	4,966	67,836
Comstock Resources, Inc. (A)	3,787	25,259
ConocoPhillips	25,493	1,552,524
CONSOL Energy, Inc. (A)	813	15,016
Contango Oil & Gas Company (A)	2,538	10,964
Continental Resources, Inc.	7,747	294,618
Crestwood Equity Partners LP	1,581	47,398
CrossAmerica Partners LP	693	13,209
DCP Midstream LP	3,986	122,330
Delek Logistics Partners LP	486	20,393
Delek US Holdings, Inc.	1,558	33,684
Denbury, Inc. (A)	6	461
Devon Energy Corp.	12,660	369,545
Diamond S Shipping, Inc. (A)	946	9,422
Diamondback Energy, Inc.	3,607	338,661
Dorchester Minerals LP	821	13,834
Dorian LPG, Ltd. (A)	943	13,315
Enable Midstream Partners LP	9,301	84,732
Energy Transfer LP	50,779	539,781
EnLink Midstream LLC (A)	10,548	67,402
Enterprise Products Partners LP	38,219	922,224
Enviva Partners LP	728	38,154
EOG Resources, Inc.	11,459	956,139
EQT Corp. (A)	5,432	120,916
Equitrans Midstream Corp. (B)	9,307	79,203
Exxon Mobil Corp.	78,073	4,924,845
Genesis Energy LP	2,697	31,312
Gevo, Inc. (A)	3,343	24,304
Global Partners LP	828	21,462
Green Plains Partners LP	503	6,438
Green Plains, Inc. (A)	849	28,543
Harvest Natural Resources, Inc. (A)(C)	270	0
Hess Corp.	6,383	557,364
Hess Midstream LP, Class A	701	17,700
Holly Energy Partners LP	2,024	45,803
HollyFrontier Corp.	3,388	111,465
Kimbrell Royalty Partners LP	1,094	14,058
Kinder Morgan, Inc.	40,181	732,500
Laredo Petroleum, Inc. (A)	213	19,764
LinnCo LLC (A)(C)	2,890	0
Magellan Midstream Partners LP	2,130	104,178
Magnolia Oil & Gas Corp., Class A (A)	5,625	87,919
Marathon Oil Corp.	16,893	230,083
Marathon Petroleum Corp.	11,987	724,255
Matador Resources Company	2,421	87,180
Meta Materials, Inc. (A)	1,228	9,198
MPLX LP	20,258	599,839

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Murphy Oil Corp.	2,339	\$ 54,452
NACCO Industries, Inc., Class A	187	4,869
Natural Resource Partners LP	290	6,148
New Fortress Energy, Inc.	3,618	137,050
Northern Oil and Gas, Inc.	765	15,889
NuStar Energy LP	2,314	41,768
Oasis Midstream Partners LP	640	15,008
Occidental Petroleum Corp.	18,678	584,061
ONEOK, Inc.	8,642	480,841
Ovintiv, Inc.	2,983	93,875
PBF Energy, Inc., Class A (A)	2,549	39,000
PBF Logistics LP	1,384	20,594
PDC Energy, Inc.	2,080	95,243
Peabody Energy Corp. (A)	2,003	15,884
Phillips 66	8,201	703,810
Phillips 66 Partners LP	4,581	180,766
Pioneer Natural Resources Company	4,258	692,010
Plains All American Pipeline LP	14,426	163,879
Plains GP Holdings LP, Class A (A)	3,615	43,163
Range Resources Corp. (A)	5,163	86,532
Rattler Midstream LP	2,920	31,886
Renewable Energy Group, Inc. (A)	765	47,690
REX American Resources Corp. (A)	157	14,158
SFL Corp., Ltd.	2,278	17,427
Shell Midstream Partners LP	4,939	72,949
SM Energy Company	2,203	54,260
Southwestern Energy Company (A)	11,510	65,262
Sprague Resources LP	617	15,622
Sunoco LP	1,255	47,314
Talos Energy, Inc. (A)	1,089	17,032
Targa Resources Corp.	4,623	205,492
Teekay Corp. (A)	2,383	8,865
Tellurian, Inc. (A)	6,548	30,448
The Williams Companies, Inc.	22,560	598,968
Uranium Energy Corp. (A)	5,616	14,939
Valero Energy Corp.	7,619	594,892
Vertex Energy, Inc. (A)	325	4,300
Viper Energy Partners LP	3,095	58,279
W&T Offshore, Inc. (A)	3,249	15,758
Western Midstream Partners LP	9,432	202,033
World Fuel Services Corp.	1,250	39,663
		24,880,465
		27,347,343
<b>Financials – 11.1%</b>		
<b>Banks – 4.1%</b>		
1st Source Corp.	559	25,971
Allegiance Bancshares, Inc.	511	19,643
Altabancorp	486	21,049
Amerant Bancorp, Inc. (A)	977	20,888
American National Bankshares, Inc.	218	6,778
Ameris Bancorp	1,477	74,781
Ames National Corp.	260	6,373
Arrow Financial Corp.	430	15,459
Associated Banc-Corp.	3,340	68,403
Atlantic Union Bankshares Corp.	1,721	62,335
Banc of California, Inc.	1,198	21,013
BancFirst Corp.	701	43,763
BancorpSouth Bank	2,204	62,439
Bank of America Corp.	157,031	6,474,388
Bank of Hawaii Corp.	693	58,364
Bank of Marin Bancorp	328	10,463
Bank OZK	2,740	115,518
BankFinancial Corp.	481	5,503
BankUnited, Inc.	1,987	84,825
Bankwell Financial Group, Inc.	211	5,832

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Banner Corp.	760	\$ 41,200
Bar Harbor Bankshares	435	12,450
BayCom Corp. (A)	336	6,031
BCB Bancorp, Inc.	577	7,761
Berkshire Hills Bancorp, Inc.	1,082	29,658
BOK Financial Corp.	1,118	96,819
Boston Private Financial Holdings, Inc.	1,849	27,273
Brookline Bancorp, Inc.	1,813	27,104
Bryn Mawr Bank Corp.	470	19,829
Business First Bancshares, Inc.	293	6,724
Byline Bancorp, Inc.	825	18,670
Cadence Bancorp	2,753	57,483
Cambridge Bancorp	93	7,718
Camden National Corp.	400	19,104
Capital City Bank Group, Inc.	465	11,992
Capstar Financial Holdings, Inc.	374	7,667
Cathay General Bancorp	1,283	50,499
CBTX, Inc.	597	16,304
Central Pacific Financial Corp.	579	15,089
Central Valley Community Bancorp	357	7,194
Century Bancorp, Inc., Class A	144	16,416
Chemung Financial Corp.	161	7,134
CIT Group, Inc.	1,914	98,743
Citigroup, Inc.	37,286	2,637,985
Citizens & Northern Corp.	324	7,938
Citizens Financial Group, Inc.	7,415	340,126
City Holding Company	404	30,397
Civista Bancshares, Inc.	342	7,558
CNB Financial Corp.	426	9,721
Codorus Valley Bancorp, Inc.	267	5,351
Columbia Banking System, Inc.	1,531	59,035
Comerica, Inc.	2,798	199,609
Commerce Bancshares, Inc.	1,493	111,318
Community Bank System, Inc.	871	65,891
Community Trust Bancorp, Inc.	310	12,518
ConnectOne Bancorp, Inc.	882	23,082
County Bancorp, Inc.	219	7,437
Cullen/Frost Bankers, Inc.	1,225	137,200
Customers Bancorp, Inc. (A)	739	28,814
CVB Financial Corp.	2,726	56,128
Dime Community Bancshares, Inc.	925	31,099
Eagle Bancorp, Inc.	547	30,676
East West Bancorp, Inc.	2,760	197,864
Enterprise Bancorp, Inc.	327	10,709
Enterprise Financial Services Corp.	619	28,715
Equity Bancshares, Inc., Class A (A)	331	10,092
Esquire Financial Holdings, Inc. (A)	291	6,897
Farmers & Merchants Bancorp, Inc.	233	5,084
FB Financial Corp.	964	35,976
Fidelity D&D Bancorp, Inc.	112	6,059
Fifth Third Bancorp	13,422	513,123
Financial Institutions, Inc.	417	12,510
First Bancorp (North Carolina)	687	28,105
First Bancorp (Puerto Rico)	3,172	37,810
First Busey Corp.	1,265	31,195
First Choice Bancorp	327	9,957
First Citizens BancShares, Inc., Class A	154	128,242
First Commonwealth Financial Corp.	2,106	29,631
First Community Bankshares, Inc.	247	7,373
First Financial Bancorp	2,135	50,450
First Financial Bankshares, Inc.	2,882	141,593
First Financial Corp.	338	13,797
First Financial Northwest, Inc.	388	5,878
First Hawaiian, Inc.	2,646	74,988
First Horizon Corp.	11,597	200,396

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
First Internet Bancorp	224	\$ 6,940
First Interstate BancSystem, Inc., Class A	1,351	56,512
First Merchants Corp.	1,156	48,171
First Midwest Bancorp, Inc.	2,364	46,878
First Republic Bank	3,128	585,468
Flushing Financial Corp.	465	9,965
FNB Corp.	6,123	75,497
Fulton Financial Corp.	3,475	54,836
FVCBancorp, Inc. (A)	432	7,456
German American Bancorp, Inc.	635	23,622
Glacier Bancorp, Inc.	1,839	101,292
Great Southern Bancorp, Inc.	369	19,889
Great Western Bancorp, Inc.	1,212	39,741
Guaranty Bancshares, Inc.	278	9,471
Hancock Whitney Corp.	1,856	82,481
Hanmi Financial Corp.	645	12,294
HarborOne Bancorp, Inc.	1,624	23,288
Heartland Financial USA, Inc.	771	36,229
Heritage Commerce Corp.	1,034	11,508
Heritage Financial Corp.	813	20,341
Hilltop Holdings, Inc.	1,830	66,612
Home BancShares, Inc.	3,528	87,071
Hope Bancorp, Inc.	2,740	38,853
Horizon Bancorp, Inc.	951	16,576
Huntington Bancshares, Inc.	28,529	407,109
Independent Bank Corp. (Massachusetts)	730	55,115
Independent Bank Corp. (Michigan)	561	12,179
Independent Bank Group, Inc.	910	67,322
International Bancshares Corp.	1,166	50,068
Investar Holding Corp.	319	7,302
Investors Bancorp, Inc.	5,218	74,409
JPMorgan Chase & Co.	55,188	8,583,942
KeyCorp	17,951	370,688
Lakeland Bancorp, Inc.	1,308	22,864
Lakeland Financial Corp.	529	32,608
Live Oak Bancshares, Inc.	1,032	60,888
M&T Bank Corp.	1,974	286,842
Macatawa Bank Corp.	926	8,103
Mercantile Bank Corp.	434	13,107
Metropolitan Bank Holding Corp. (A)	184	11,080
Midland States Bancorp, Inc.	539	14,160
MidWestOne Financial Group, Inc.	336	9,667
MVB Financial Corp.	370	15,784
National Bank Holdings Corp., Class A	721	27,211
National Bankshares, Inc.	188	6,582
NBT Bancorp, Inc.	501	18,021
Northrim BanCorp, Inc.	222	9,491
Norwood Financial Corp.	211	5,486
OceanFirst Financial Corp.	1,155	24,070
OFG Bancorp	1,197	26,478
Old National Bancorp	1,685	29,673
Old Second Bancorp, Inc.	816	10,118
Origin Bancorp, Inc.	516	21,909
Pacific Mercantile Bancorp (A)	820	7,052
Pacific Premier Bancorp, Inc.	1,278	54,047
PacWest Bancorp	2,507	103,188
Park National Corp.	210	24,658
Peapack-Gladstone Financial Corp.	485	15,069
Penns Woods Bancorp, Inc.	222	5,288
Peoples Bancorp of North Carolina, Inc.	237	6,115
Peoples Bancorp, Inc.	508	15,047
People's United Financial, Inc.	7,377	126,442
Pinnacle Financial Partners, Inc.	1,458	128,727
Popular, Inc.	774	58,089
Preferred Bank	341	21,575

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Premier Financial Bancorp, Inc.	466	\$ 7,852
Primis Financial Corp.	655	9,995
Prosperity Bancshares, Inc.	925	66,415
QCR Holdings, Inc.	353	16,976
RBB Bancorp	407	9,858
Red River Bancshares, Inc.	155	7,829
Regions Financial Corp.	18,970	382,815
Renasant Corp.	1,124	44,960
Republic Bancorp, Inc., Class A	425	19,605
Republic First Bancorp, Inc. (A)	1,584	6,320
S&T Bancorp, Inc.	768	24,038
Sandy Spring Bancorp, Inc.	750	33,098
Seacoast Banking Corp. of Florida	1,186	40,502
ServisFirst Bancshares, Inc.	1,156	78,585
Shore Bancshares, Inc.	488	8,174
Sierra Bancorp	373	9,493
Signature Bank	1,007	247,370
Silvergate Capital Corp., Class A (A)	187	21,191
Simmons First National Corp., Class A	1,970	57,800
South Plains Financial, Inc.	426	9,853
South State Corp.	1,520	124,275
Southern First Bancshares, Inc. (A)	207	10,590
Southside Bancshares, Inc.	820	31,349
Spirit of Texas Bancshares, Inc.	334	7,629
Sterling Bancorp	4,249	105,333
Stock Yards Bancorp, Inc.	419	21,323
Summit Financial Group, Inc.	334	7,351
SVB Financial Group (A)	1,031	573,679
Synovus Financial Corp.	3,073	134,843
Texas Capital Bancshares, Inc. (A)	1,066	67,680
The Bancorp, Inc. (A)	1,397	32,145
The Bank of Princeton	248	7,110
The First Bancorp, Inc.	302	8,894
The First of Long Island Corp.	648	13,757
The PNC Financial Services Group, Inc.	7,425	1,416,393
Tompkins Financial Corp.	330	25,595
Towne Bank	1,674	50,923
TriCo Bancshares	636	27,081
TriState Capital Holdings, Inc. (A)	738	15,048
Triumph Bancorp, Inc. (A)	556	41,283
Truist Financial Corp.	24,521	1,360,916
Trustmark Corp.	1,219	37,545
U.S. Bancorp	26,866	1,530,556
UMB Financial Corp.	817	76,030
Umpqua Holdings Corp.	4,684	86,420
United Bankshares, Inc.	2,146	78,329
United Community Banks, Inc.	1,695	54,257
Unity Bancorp, Inc.	355	7,828
Univest Financial Corp.	733	19,329
Valley National Bancorp	8,535	114,625
Veritex Holdings, Inc.	1,194	42,280
Washington Trust Bancorp, Inc.	335	17,202
Webster Financial Corp.	1,950	104,013
Wells Fargo & Company	75,236	3,407,438
WesBanco, Inc.	1,220	43,469
West Bancorp, Inc.	463	12,848
Western Alliance Bancorp	2,053	190,621
Wintrust Financial Corp.	1,205	91,134
Zions Bancorp NA	2,947	155,778
		<hr/>
		36,785,169
<b>Capital markets – 3.1%</b>		
Affiliated Managers Group, Inc.	862	132,929
AllianceBernstein Holding LP	2,024	94,237
Ameriprise Financial, Inc.	2,156	536,585
Apollo Investment Corp.	1,528	20,857

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets (continued)</b>		
Ares Capital Corp.	9,043	\$ 177,152
Ares Management Corp., Class A	4,922	312,990
Artisan Partners Asset Management, Inc., Class A	1,655	84,107
AssetMark Financial Holdings, Inc. (A)	1,278	32,027
Associated Capital Group, Inc., Class A	454	17,642
Bain Capital Specialty Finance, Inc.	1,190	18,207
Barings BDC, Inc.	1,926	20,339
BGC Partners, Inc., Class A	7,348	41,663
BlackRock Capital Investment Corp.	2,127	8,359
BlackRock TCP Capital Corp.	1,134	15,672
BlackRock, Inc.	2,753	2,408,792
Blucora, Inc. (A)	1,076	18,626
Capital Southwest Corp.	445	10,337
Cboe Global Markets, Inc.	2,224	264,767
CME Group, Inc.	6,543	1,391,565
Cohen & Steers, Inc.	999	82,008
Coinbase Global, Inc., Class A (A)	2,436	617,039
Cowen, Inc., Class A	420	17,241
Diamond Hill Investment Group, Inc.	83	13,887
Donnelley Financial Solutions, Inc. (A)	800	26,400
Ellington Financial, Inc.	880	16,852
Evercore, Inc., Class A	822	115,713
FactSet Research Systems, Inc.	632	212,106
Federated Hermes, Inc.	2,126	72,093
Fidus Investment Corp.	605	10,285
Focus Financial Partners, Inc., Class A (A)	1,482	71,877
Franklin Resources, Inc.	9,694	310,111
FS KKR Capital Corp.	2,679	57,625
GAMCO Investors, Inc., Class A	443	11,119
Gladstone Capital Corp.	801	9,155
Gladstone Investment Corp.	797	11,485
Goldman Sachs BDC, Inc.	967	18,953
Golub Capital BDC, Inc.	1,363	21,017
Hamilton Lane, Inc., Class A	1,102	100,414
Hercules Capital, Inc.	2,271	38,743
Houlihan Lokey, Inc.	1,374	112,379
Interactive Brokers Group, Inc., Class A	1,612	105,957
Intercontinental Exchange, Inc.	9,890	1,173,943
Invesco, Ltd.	9,289	248,295
Jefferies Financial Group, Inc.	4,417	151,061
Lazard, Ltd., Class A	2,202	99,641
LPL Financial Holdings, Inc.	1,599	215,833
Main Street Capital Corp. (B)	1,316	54,074
MarketAxess Holdings, Inc.	745	345,375
Moelis & Company, Class A	1,274	72,478
Monroe Capital Corp.	561	6,020
Moody's Corp.	3,397	1,230,971
Morgan Stanley	34,141	3,130,388
Morningstar, Inc.	870	223,686
MSCI, Inc.	1,518	809,215
Nasdaq, Inc.	2,789	490,306
New Mountain Finance Corp.	2,060	27,130
Newtek Business Services Corp.	477	16,657
Northern Trust Corp.	2,844	328,823
Oaktree Specialty Lending Corp.	2,519	16,852
Oppenheimer Holdings, Inc., Class A	169	8,592
Oxford Square Capital Corp.	1,411	6,928
P10 Holdings, Inc. (A)	951	7,009
PennantPark Floating Rate Capital, Ltd.	874	11,117
PennantPark Investment Corp.	1,841	12,298
Piper Sandler Companies	319	41,330
Portman Ridge Finance Corp.	3,400	8,092
Prospect Capital Corp. (B)	8,135	68,253

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets (continued)</b>		
Pzena Investment Management, Inc., Class A	1,693	\$ 18,640
Raymond James Financial, Inc.	2,520	327,348
S&P Global, Inc.	4,393	1,803,107
Sculptor Capital Management, Inc.	1,110	27,295
SEI Investments Company	3,042	188,513
Sixth Street Specialty Lending, Inc.	1,483	32,908
SLR Investment Corp.	825	15,378
SLR Senior Investment Corp.	444	6,744
State Street Corp.	6,290	517,541
Stellus Capital Investment Corp.	500	6,295
Stifel Financial Corp.	2,154	139,708
StoneX Group, Inc. (A)	429	26,027
T. Rowe Price Group, Inc.	4,268	844,936
TCG BDC, Inc.	1,406	18,573
The Bank of New York Mellon Corp.	15,350	786,381
The Blackstone Group, Inc.	13,083	1,270,883
The Carlyle Group, Inc.	6,916	321,456
The Charles Schwab Corp.	33,989	2,474,739
The Goldman Sachs Group, Inc.	6,141	2,330,694
Tradeweb Markets, Inc., Class A	4,644	392,697
TriplePoint Venture Growth BDC Corp.	568	8,628
Victory Capital Holdings, Inc., Class A	1,470	47,466
Virtu Financial, Inc., Class A	3,969	109,663
Virtus Investment Partners, Inc.	128	35,555
WhiteHorse Finance, Inc.	557	8,299
WisdomTree Investments, Inc.	3,569	22,128
		28,245,281
<b>Consumer finance – 0.7%</b>		
Ally Financial, Inc.	7,150	356,356
American Express Company	14,768	2,440,117
Capital One Financial Corp.	8,178	1,265,055
Credit Acceptance Corp. (A)(B)	376	170,745
Curo Group Holdings Corp.	965	16,405
Discover Financial Services	5,663	669,876
Elevate Credit, Inc. (A)	6,779	24,201
Encore Capital Group, Inc. (A)	680	32,225
Enova International, Inc. (A)	921	31,507
EZCORP, Inc., Class A (A)	1,448	8,731
FirstCash, Inc.	887	67,802
Green Dot Corp., Class A (A)	1,090	51,067
LendingTree, Inc. (A)	274	58,055
Navient Corp.	3,015	58,280
OneMain Holdings, Inc.	2,771	166,011
Oportun Financial Corp. (A)	399	7,992
PRA Group, Inc. (A)	990	38,085
PROG Holdings, Inc. (A)	1,414	68,056
Regional Management Corp.	265	12,333
Santander Consumer USA Holdings, Inc.	5,571	202,339
SLM Corp.	6,752	141,387
Synchrony Financial	11,015	534,448
Upstart Holdings, Inc. (A)(B)	1,380	172,362
World Acceptance Corp. (A)	179	28,683
		6,622,118
<b>Diversified financial services – 1.3%</b>		
Berkshire Hathaway, Inc., Class B (A)	41,557	11,549,521
Equitable Holdings, Inc.	8,723	265,615
GWG Holdings, Inc. (A)	813	5,797
NewStar Financial, Inc. (A)(C)	1,204	122
Voya Financial, Inc.	2,500	153,750
		11,974,805
<b>Insurance – 1.5%</b>		
Aflac, Inc.	11,866	636,730
Alleghany Corp. (A)	83	55,367

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
American Equity Investment Life Holding Company	1,048	\$ 33,871
American Financial Group, Inc.	1,743	217,387
American International Group, Inc.	16,819	800,584
American National Group, Inc.	253	37,583
AMERISAFE, Inc.	412	24,592
Arch Capital Group, Ltd. (A)	8,141	317,011
Argo Group International Holdings, Ltd.	742	38,458
Arthur J. Gallagher & Company	3,634	509,051
Assurant, Inc.	1,215	189,759
Assured Guaranty, Ltd.	1,401	66,519
Axis Capital Holdings, Ltd.	1,773	86,895
Brighthouse Financial, Inc. (A)	1,248	56,834
Brown & Brown, Inc.	5,270	280,048
BRP Group, Inc., Class A (A)	1,080	28,782
Cincinnati Financial Corp.	3,266	380,881
Citizens, Inc. (A)	1,370	7,247
CNA Financial Corp.	5,170	235,183
CNO Financial Group, Inc.	3,245	76,647
Crawford & Company, Class B	1,283	11,034
Donegal Group, Inc., Class A	786	11,452
eHealth, Inc. (A)	490	28,616
Employers Holdings, Inc.	692	29,618
Enstar Group, Ltd. (A)	169	40,377
Erie Indemnity Company, Class A	826	159,707
Everest Re Group, Ltd.	646	162,798
Fidelity National Financial, Inc.	5,699	247,679
First American Financial Corp.	2,271	141,597
Genworth Financial, Inc., Class A (A)	10,791	42,085
Globe Life, Inc.	1,233	117,443
GoHealth, Inc., Class A (A)	3,818	42,800
Goosehead Insurance, Inc., Class A	767	97,639
HCI Group, Inc.	204	20,284
Heritage Insurance Holdings, Inc.	734	6,298
Horace Mann Educators Corp.	900	33,678
Independence Holding Company	356	16,490
Investors Title Company	50	8,732
Kemper Corp.	1,387	102,499
Kinsale Capital Group, Inc.	473	77,936
Lemonade, Inc. (A)(B)	1,078	117,944
Lincoln National Corp.	3,797	238,603
Loews Corp.	4,301	235,050
Markel Corp. (A)	168	199,367
Marsh & McLennan Companies, Inc.	8,978	1,263,025
MBIA, Inc. (A)	1,977	21,747
Mercury General Corp.	1,183	76,836
MetLife, Inc.	16,029	959,336
National Western Life Group, Inc., Class A	35	7,854
NI Holdings, Inc. (A)	641	12,185
Old Republic International Corp.	6,092	151,752
Oscar Health, Inc., Class A (A)	947	20,361
Palomar Holdings, Inc. (A)	514	38,786
Primerica, Inc.	853	130,628
Principal Financial Group, Inc.	5,062	319,868
ProAssurance Corp.	1,182	26,891
ProSight Global, Inc. (A)	575	7,337
Prudential Financial, Inc.	6,941	711,244
Reinsurance Group of America, Inc.	1,269	144,666
RenaissanceRe Holdings, Ltd.	725	107,895
RLI Corp.	951	99,465
Root, Inc., Class A (A)	2,004	21,683
Safety Insurance Group, Inc.	334	26,146
Selective Insurance Group, Inc.	1,251	101,519
Selectquote, Inc. (A)	630	12,134
State Auto Financial Corp.	951	16,281

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
Stewart Information Services Corp.	487	\$ 27,608
The Allstate Corp.	4,224	550,979
The Hanover Insurance Group, Inc.	727	98,610
The Hartford Financial Services Group, Inc.	6,520	404,044
The Progressive Corp.	11,341	1,113,800
The Travelers Companies, Inc.	4,526	677,587
Trupanion, Inc. (A)	764	87,936
United Fire Group, Inc.	546	15,141
United Insurance Holdings Corp.	1,080	6,156
Universal Insurance Holdings, Inc.	656	9,105
Unum Group	3,789	107,608
W.R. Berkley Corp.	3,621	269,511
White Mountains Insurance Group, Ltd.	10	11,480
		13,926,359
<b>Mortgage real estate investment trusts – 0.2%</b>		
AGNC Investment Corp.	6,319	106,728
Annaly Capital Management, Inc.	21,305	189,188
Apollo Commercial Real Estate Finance, Inc.	3,205	51,120
Arbor Realty Trust, Inc.	2,208	39,347
Ares Commercial Real Estate Corp.	789	11,590
ARMOUR Residential REIT, Inc.	1,413	16,136
Blackstone Mortgage Trust, Inc., Class A	2,768	88,272
BrightSpire Capital, Inc.	2,808	26,395
Broadmark Realty Capital, Inc.	2,185	23,139
Capstead Mortgage Corp.	1,743	10,702
Chimera Investment Corp.	3,772	56,806
Dynex Capital, Inc.	611	11,401
Ellington Residential Mortgage REIT	471	5,544
Granite Point Mortgage Trust, Inc.	1,105	16,299
Great Ajax Corp.	553	7,178
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	1,402	78,722
Invesco Mortgage Capital, Inc.	3,300	12,870
KKR Real Estate Finance Trust, Inc.	1,084	23,447
Ladder Capital Corp.	2,535	29,254
MFA Financial, Inc.	9,342	42,880
New Residential Investment Corp.	8,506	90,079
New York Mortgage Trust, Inc.	5,225	23,356
Orchid Island Capital, Inc.	1,157	6,005
PennyMac Mortgage Investment Trust	1,761	37,087
Ready Capital Corp.	1,430	22,694
Redwood Trust, Inc.	2,127	25,673
Starwood Property Trust, Inc.	5,131	134,278
TPG RE Finance Trust, Inc.	1,656	22,273
Two Harbors Investment Corp.	5,815	43,961
		1,252,424
<b>Thriffs and mortgage finance – 0.2%</b>		
Axos Financial, Inc. (A)	1,283	59,518
Bridgewater Bancshares, Inc. (A)	655	10,578
Capitol Federal Financial, Inc.	1,954	23,018
Columbia Financial, Inc. (A)	2,570	44,255
Federal Agricultural Mortgage Corp., Class C	191	18,890
Federal Home Loan Mortgage Corp. (A)(B)	13,796	19,866
Federal National Mortgage Association (A)	24,360	38,002
Home Bancorp, Inc.	185	7,050
HomeStreet, Inc.	637	25,951
Kearny Financial Corp.	2,110	25,215
LoanDepot, Inc., Class A	1,946	25,006
Luther Burbank Corp.	1,316	15,608
Merchants Bancorp	686	26,919
Meridian Bancorp, Inc.	1,296	26,516

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Thriffs and mortgage finance (continued)</b>		
Meta Financial Group, Inc.	825	\$ 41,770
MGIC Investment Corp.	7,092	96,451
New York Community Bancorp, Inc.	8,579	94,541
NMI Holdings, Inc., Class A (A)	1,463	32,888
Northfield Bancorp, Inc.	1,247	20,451
Northwest Bancshares, Inc.	2,105	28,712
Ocwen Financial Corp. (A)	244	7,559
PCSB Financial Corp.	498	9,049
PDL Community Bancorp (A)	510	6,967
PennyMac Financial Services, Inc.	1,105	68,201
Premier Financial Corp.	1,016	28,865
Provident Bancorp, Inc.	677	11,042
Provident Financial Services, Inc.	1,019	23,325
Radian Group, Inc.	3,761	83,682
Riverview Bancorp, Inc.	881	6,246
Rocket Companies, Inc., Class A (B)	37,571	726,999
Southern Missouri Bancorp, Inc.	216	9,711
Sterling Bancorp, Inc. (A)	1,248	5,678
Territorial Bancorp, Inc.	238	6,181
TFS Financial Corp.	3,937	79,921
Timberland Bancorp, Inc.	255	7,171
TrustCo Bank Corp.	512	17,603
Walker & Dunlop, Inc.	652	68,056
Washington Federal, Inc.	1,204	38,263
Western New England Bancorp, Inc.	789	6,430
WSFS Financial Corp.	837	38,996
		1,931,150
		100,737,306
<b>Health care – 12.4%</b>		
<b>Biotechnology – 2.6%</b>		
4D Molecular Therapeutics, Inc. (A)	305	7,344
89bio, Inc. (A)	290	5,423
AbbVie, Inc.	32,840	3,699,098
Abeona Therapeutics, Inc. (A)	5,740	8,954
ACADIA Pharmaceuticals, Inc. (A)	3,237	78,950
Accelaron Pharma, Inc. (A)	1,123	140,925
Achieve Life Sciences, Inc. (A)	143	1,284
Achillion Pharmaceuticals, Inc. (A)(C)	3,410	5,128
Acorda Therapeutics, Inc. (A)	3,621	17,272
Adicet Bio, Inc. (A)	550	5,660
Aduro Biotech, Inc. (A)(C)	312	936
Advaxis, Inc. (A)	21,355	9,902
Adverum Biotechnologies, Inc. (A)	1,924	6,734
Aeglea BioTherapeutics, Inc. (A)	797	5,547
Agenus, Inc. (A)	2,997	16,454
Agios Pharmaceuticals, Inc. (A)	1,366	75,280
Aileron Therapeutics, Inc. (A)	7,598	9,498
Akebia Therapeutics, Inc. (A)	3,771	14,292
Akero Therapeutics, Inc. (A)	639	15,854
Akouos, Inc. (A)	96	1,205
Albireo Pharma, Inc. (A)	301	10,589
Alder Biopharmaceuticals, Inc. (A)(C)	1,872	2,722
Aldeyra Therapeutics, Inc. (A)	753	8,531
Alector, Inc. (A)	1,631	33,974
Alexion Pharmaceuticals, Inc. (A)	4,170	766,071
Aligos Therapeutics, Inc. (A)	333	6,788
Alkermes PLC (A)	3,356	82,289
Allakos, Inc. (A)	1,022	87,248
Allena Pharmaceuticals, Inc. (A)	2,815	3,660
Allogene Therapeutics, Inc. (A)	2,589	67,521
Allovir, Inc. (A)	631	12,456
Alnylam Pharmaceuticals, Inc. (A)	2,335	395,829
Altimune, Inc. (A)	494	4,866
ALX Oncology Holdings, Inc. (A)	287	15,693
Ambit Biosciences Corp. (A)(C)	515	309

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Amgen, Inc.	10,645	\$ 2,594,719
Amicus Therapeutics, Inc. (A)	5,441	52,451
AnaptysBio, Inc. (A)	644	16,699
Anika Therapeutics, Inc. (A)	318	13,766
Anixa Biosciences, Inc. (A)	267	1,036
Annexon, Inc. (A)	458	10,310
Annovis Bio, Inc. (A)	486	41,592
Apellis Pharmaceuticals, Inc. (A)	1,496	94,547
Applied Molecular Transport, Inc. (A)	312	14,271
Applied Therapeutics, Inc. (A)	691	14,359
Aptevo Therapeutics, Inc. (A)	90	2,019
Aptinyx, Inc. (A)	243	688
Aravive, Inc. (A)	701	4,192
Arcus Biosciences, Inc. (A)	987	27,103
Arcutis Biotherapeutics, Inc. (A)	578	15,774
Ardelyx, Inc. (A)	1,613	12,227
Arena Pharmaceuticals, Inc. (A)	1,074	73,247
Arrowhead Pharmaceuticals, Inc. (A)	2,115	175,164
Atara Biotherapeutics, Inc. (A)	1,073	16,685
Athenex, Inc. (A)	2,350	10,857
Atossa Therapeutics, Inc. (A)	3,293	20,812
Atreca, Inc., Class A (A)	921	7,847
AVEO Pharmaceuticals, Inc. (A)	2,256	14,867
Avid Bioservices, Inc. (A)	992	25,445
Avrobio, Inc. (A)	1,365	12,135
Axcella Health, Inc. (A)	968	3,882
Ayala Pharmaceuticals, Inc. (A)	1,652	16,834
Aziyo Biologics, Inc., Class A (A)	230	2,210
Beam Therapeutics, Inc. (A)(B)	830	106,829
Bellicum Pharmaceuticals, Inc. (A)	1,528	5,042
BioCryst Pharmaceuticals, Inc. (A)	2,966	46,892
Biogen, Inc. (A)	2,795	967,825
BioMarin Pharmaceutical, Inc. (A)	3,758	313,568
Bioxeal Therapeutics, Inc. (A)	451	13,106
Black Diamond Therapeutics, Inc. (A)	1,095	13,348
Bluebird Bio, Inc. (A)	1,170	37,417
Blueprint Medicines Corp. (A)	1,044	91,830
Bolt Biotherapeutics, Inc. (A)	540	8,348
Bridgebio Pharma, Inc. (A)	3,244	197,754
Brooklyn ImmunoTherapeutics, Inc. (A)	433	7,798
C4 Therapeutics, Inc. (A)	165	6,244
Cabaletta Bio, Inc. (A)	446	3,836
Calithera Biosciences, Inc. (A)	7,768	16,235
Calyxt, Inc. (A)	2,657	10,681
Capricor Therapeutics, Inc. (A)	1,242	6,371
Cardiff Oncology, Inc. (A)	618	4,110
CareDx, Inc. (A)	890	81,453
CASI Pharmaceuticals, Inc. (A)	2,445	3,790
Catabasis Pharmaceuticals, Inc. (A)	3,229	6,813
Catalyst Biosciences, Inc. (A)	1,171	5,070
Catalyst Pharmaceuticals, Inc. (A)	2,374	13,651
Celcuity, Inc. (A)	53	1,272
Celldex Therapeutics, Inc. (A)	695	23,241
Collectar Biosciences, Inc. (A)	2,568	3,056
CEL-SCI Corp. (A)(B)	784	6,805
Celsion Corp. (A)	5,482	6,962
Checkmate Pharmaceuticals, Inc. (A)	949	5,656
ChemoCentryx, Inc. (A)	1,278	17,112
Chimerix, Inc. (A)	1,055	8,440
Chinook Therapeutics, Inc. (A)	686	9,686
Cidara Therapeutics, Inc. (A)	179	362
Clovis Oncology, Inc. (A)	2,326	13,491
Codiak Biosciences, Inc. (A)	315	5,837
Cogent Biosciences, Inc. (A)	908	7,364
Cohbar, Inc. (A)	6,178	8,649

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Coherus Biosciences, Inc. (A)	1,434	\$ 19,832
Concert Pharmaceuticals, Inc. (A)	3,840	16,205
Constellation Pharmaceuticals, Inc. (A)	841	28,426
Cortextyme, Inc. (A)	576	30,528
Crinetics Pharmaceuticals, Inc. (A)	559	10,537
CTI BioPharma Corp. (A)	2,424	6,060
Cue Biopharma, Inc. (A)	687	8,004
Cullinan Oncology, Inc. (A)	214	5,511
Curis, Inc. (A)	1,714	13,832
Cyclerion Therapeutics, Inc. (A)	3,022	11,786
Cytokinetics, Inc. (A)	1,346	26,637
CytomX Therapeutics, Inc. (A)	1,018	6,444
CytRx Corp. (A)	7,035	7,028
Decibel Therapeutics, Inc. (A)	543	4,670
Deciphera Pharmaceuticals, Inc. (A)	1,040	38,074
Denali Therapeutics, Inc. (A)	2,072	162,528
Design Therapeutics, Inc. (A)	243	4,833
Dicerna Pharmaceuticals, Inc. (A)	1,487	55,495
Dynavax Technologies Corp. (A)	1,633	16,085
Eagle Pharmaceuticals, Inc. (A)	282	12,070
Editas Medicine, Inc. (A)	1,129	63,947
Eiger BioPharmaceuticals, Inc. (A)	622	5,299
Eledon Pharmaceuticals, Inc. (A)	188	1,487
Emergent BioSolutions, Inc. (A)	1,092	68,785
Enanta Pharmaceuticals, Inc. (A)	427	18,792
Entasis Therapeutics Holdings, Inc. (A)	2,221	5,930
Epizyme, Inc. (A)	1,858	15,440
Equillum, Inc. (A)	976	5,749
Esperion Therapeutics, Inc. (A)	591	12,500
Evelo Biosciences, Inc. (A)	1,133	15,567
Exact Sciences Corp. (A)	3,078	382,626
Exelixis, Inc. (A)	6,393	116,480
Fate Therapeutics, Inc. (A)	1,591	138,083
FibroGen, Inc. (A)	1,854	49,372
Finch Therapeutics Group, Inc. (A)(B)	209	2,941
Flexion Therapeutics, Inc. (A)	867	7,135
Foghorn Therapeutics, Inc. (A)	553	5,901
Forte Biosciences, Inc. (A)	149	5,009
Fortress Biotech, Inc. (A)	1,857	6,629
Frequency Therapeutics, Inc. (A)	850	8,466
F-star Therapeutics, Inc. (A)	1,581	13,581
G1 Therapeutics, Inc. (A)	777	17,047
Gain Therapeutics, Inc. (A)	45	450
Galectin Therapeutics, Inc. (A)	1,506	4,819
Galera Therapeutics, Inc. (A)	2,360	23,199
Genocea Biosciences, Inc. (A)	2,651	6,203
Geron Corp. (A)	4,452	6,277
Gilead Sciences, Inc.	23,385	1,610,291
Global Blood Therapeutics, Inc. (A)	1,269	44,440
GlycoMimetics, Inc. (A)	1,565	3,631
Gossamer Bio, Inc. (A)	1,462	11,871
Gritstone bio, Inc. (A)	876	7,998
Halozyme Therapeutics, Inc. (A)	3,113	141,361
Harpoon Therapeutics, Inc. (A)	583	8,086
Heron Therapeutics, Inc. (A)	1,229	19,074
Homology Medicines, Inc. (A)	999	7,263
Hookipa Pharma, Inc. (A)	641	5,872
Horizon Therapeutics PLC (A)	3,931	368,099
Ideaya Biosciences, Inc. (A)	518	10,873
Idera Pharmaceuticals, Inc. (A)	13,933	16,720
IGM Biosciences, Inc. (A)	619	51,501
Immunic, Inc. (A)	292	3,580
ImmunityBio, Inc. (A)(B)	6,010	85,823
ImmunoGen, Inc. (A)	3,467	22,848
Immunome, Inc. (A)	203	3,512

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Immunovant, Inc. (A)	1,171	\$ 12,377
Impel Neuropharma, Inc. (A)	519	4,593
Incyte Corp. (A)	4,501	378,669
Infinity Pharmaceuticals, Inc. (A)	171	511
Inhibrx, Inc. (A)	678	18,659
Inmune Bio, Inc. (A)	1,603	28,165
Inovio Pharmaceuticals, Inc. (A)(B)	3,071	28,468
Insmmed, Inc. (A)	1,902	54,131
Instil Bio, Inc. (A)(B)	1,262	24,382
Intellia Therapeutics, Inc. (A)	993	160,777
Intercept Pharmaceuticals, Inc. (A)	693	13,839
Invitae Corp. (A)(B)	2,728	92,015
Ionis Pharmaceuticals, Inc. (A)	2,950	117,676
Ironwood Pharmaceuticals, Inc. (A)	3,357	43,205
iTeos Therapeutics, Inc. (A)	189	4,848
IVERIC bio, Inc. (A)	929	5,862
Jounce Therapeutics, Inc. (A)	886	6,025
Kadmon Holdings, Inc. (A)	3,142	12,160
KalVista Pharmaceuticals, Inc. (A)	368	8,817
Karuna Therapeutics, Inc. (A)	535	60,985
Keros Therapeutics, Inc. (A)	247	10,490
Kindred Biosciences, Inc. (A)	928	8,510
Kiniksa Pharmaceuticals, Ltd., Class A (A)	1,104	15,379
Kiromic BioPharma, Inc. (A)	321	1,544
Kodiak Sciences, Inc. (A)	899	83,607
Kronos Bio, Inc. (A)	139	3,329
Krystal Biotech, Inc. (A)	389	26,452
Kura Oncology, Inc. (A)	1,043	21,747
Kymera Therapeutics, Inc. (A)	265	12,853
Larimar Therapeutics, Inc. (A)	844	8,288
Leap Therapeutics, Inc. (A)	2,495	4,092
Lexicon Pharmaceuticals, Inc. (A)	2,562	11,760
Ligand Pharmaceuticals, Inc. (A)	376	49,327
Lineage Cell Therapeutics, Inc. (A)	2,770	7,895
LogicBio Therapeutics, Inc. (A)	1,123	4,986
Longeveron, Inc. (A)	390	3,171
MacroGenics, Inc. (A)	1,031	27,693
Madrigal Pharmaceuticals, Inc. (A)	332	32,340
Magenta Therapeutics, Inc. (A)	934	9,135
MannKind Corp. (A)	3,858	21,026
Marker Therapeutics, Inc. (A)	3,512	9,798
Matinas BioPharma Holdings, Inc. (A)	18,954	14,687
MediciNova, Inc. (A)(B)	1,166	4,956
MEI Pharma, Inc. (A)	2,438	6,948
MeiraGTx Holdings PLC (A)	698	10,819
Mersana Therapeutics, Inc. (A)	1,237	16,798
Metacrine, Inc. (A)	1,025	3,895
Mirum Pharmaceuticals, Inc. (A)	659	11,394
Moderna, Inc. (A)	7,447	1,749,896
Molecular Templates, Inc. (A)	878	6,866
Moleculin Biotech, Inc. (A)	1,245	4,569
Morphic Holding, Inc. (A)	695	39,886
Mustang Bio, Inc. (A)	2,606	8,652
Myriad Genetics, Inc. (A)	1,593	48,714
Natera, Inc. (A)	1,602	181,875
Navidea Biopharmaceuticals, Inc. (A)	2,439	4,463
NeuroBo Pharmaceuticals, Inc. (A)	905	3,014
Neurocrine Biosciences, Inc. (A)	1,931	187,925
NextCure, Inc. (A)	542	4,352
Nkarta, Inc. (A)	291	9,222
Northwest Biotherapeutics, Inc. (A)	11,656	17,134
Novavax, Inc. (A)	1,298	275,578
Nurix Therapeutics, Inc. (A)	431	11,434
Ocugen, Inc. (A)(B)	2,297	18,445
Olema Pharmaceuticals, Inc. (A)	90	2,518

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Omthera Pharmaceuticals, Inc. (A)(C)	598	\$ 368
Oncocyte Corp. (A)	2,335	13,403
Oncorus, Inc. (A)	30	414
OncoSec Medical, Inc. (A)	3,118	8,762
Oncternal Therapeutics, Inc. (A)(C)	38	0
Oncternal Therapeutics, Inc. (A)	2,005	9,524
OPKO Health, Inc. (A)(B)	13,787	55,837
Organogenesis Holdings, Inc. (A)	2,172	36,099
Orgenesis, Inc. (A)	485	2,459
Outlook Therapeutics, Inc. (A)	1,097	2,732
Oyster Point Pharma, Inc. (A)	431	7,409
Passage Bio, Inc. (A)	825	10,923
PDL BioPharma, Inc. (A)(C)	1,734	2,930
PDS Biotechnology Corp. (A)	809	10,153
Pfenex, Inc. (A)(C)	763	836
PhaseBio Pharmaceuticals, Inc. (A)	6,151	22,882
Pieris Pharmaceuticals, Inc. (A)	3,732	14,294
Poseida Therapeutics, Inc. (A)	1,586	15,892
Praxis Precision Medicines, Inc. (A)	634	11,590
Precigen, Inc. (A)(B)	3,241	21,131
Precision BioSciences, Inc. (A)	1,182	14,799
Prelude Therapeutics, Inc. (A)	153	4,380
Progenics Pharmaceuticals, Inc. (A)(C)	1,955	83
Prometheus Biosciences, Inc. (A)	398	9,775
Protagonist Therapeutics, Inc. (A)	522	23,427
PTC Therapeutics, Inc. (A)	1,304	55,120
Puma Biotechnology, Inc. (A)	890	8,170
RAPT Therapeutics, Inc. (A)	483	15,355
Recursion Pharmaceuticals, Inc., Class A (A)(B)	2,606	95,119
Regeneron Pharmaceuticals, Inc. (A)	1,995	1,114,287
REGENXBIO, Inc. (A)	794	30,847
Regulus Therapeutics, Inc. (A)	10,610	8,627
Relay Therapeutics, Inc. (A)	1,207	44,164
Reneo Pharmaceuticals, Inc. (A)	821	7,660
Replimune Group, Inc. (A)	661	25,396
REVOLUTION Medicines, Inc. (A)	442	14,029
Rhythm Pharmaceuticals, Inc. (A)	820	16,056
Rigel Pharmaceuticals, Inc. (A)	3,503	15,203
Rocket Pharmaceuticals, Inc. (A)	1,021	45,220
Rubius Therapeutics, Inc. (A)	1,799	43,914
Sage Therapeutics, Inc. (A)	1,099	62,434
Sana Biotechnology, Inc. (A)	2,423	47,636
Sangamo Therapeutics, Inc. (A)	2,664	31,888
Sarepta Therapeutics, Inc. (A)	1,560	121,274
Savara, Inc. (A)	7,450	12,665
Scholar Rock Holding Corp. (A)	577	16,675
Scopus Biopharma, Inc. (A)	1,754	12,524
Seagen, Inc. (A)	3,582	565,526
Selecta Biosciences, Inc. (A)	1,916	8,009
SELLAS Life Sciences Group, Inc. (A)	418	4,640
Sensei Biotherapeutics, Inc. (A)	307	2,996
Seres Therapeutics, Inc. (A)	1,482	35,346
Sesen Bio, Inc. (A)	3,446	15,921
Shattuck Labs, Inc. (A)	170	4,928
Sigilon Therapeutics, Inc. (A)	622	6,674
Silverback Therapeutics, Inc. (A)	116	3,583
Solid Biosciences, Inc. (A)	3,075	11,255
Spectrum Pharmaceuticals, Inc. (A)	2,679	10,046
Spero Therapeutics, Inc. (A)	578	8,069
SpringWorks Therapeutics, Inc. (A)	861	70,955
SQZ Biotechnologies Company (A)	73	1,055
Stemline Therapeutics, Inc. (A)(C)	1,279	422
Stoke Therapeutics, Inc. (A)	722	24,303
Surface Oncology, Inc. (A)	690	5,147

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Sutro Biopharma, Inc. (A)	635	\$ 11,805
Syndax Pharmaceuticals, Inc. (A)	629	10,800
Synergy Pharmaceuticals, Inc. (A)(C)	6,230	18
Synlogic, Inc. (A)	1,786	6,948
Synthetic Biologics, Inc. (A)	23,577	14,203
Syros Pharmaceuticals, Inc. (A)	1,778	9,690
Taysha Gene Therapies, Inc. (A)	249	5,279
TCR2 Therapeutics, Inc. (A)	593	9,731
Tempest Therapeutics, Inc. (A)	97	1,082
Tonix Pharmaceuticals Holding Corp. (A)	3,727	4,137
Tracoon Pharmaceuticals, Inc. (A)	1,390	9,021
Translate Bio, Inc. (A)	1,155	31,809
Traverse Therapeutics, Inc. (A)	1,004	14,648
Trevena, Inc. (A)(B)	2,789	4,713
Turning Point Therapeutics, Inc. (A)	737	57,501
Twist Bioscience Corp. (A)	774	103,136
Tyme Technologies, Inc. (A)	3,408	4,294
Ultragenyx Pharmaceutical, Inc. (A)	1,226	116,899
United Therapeutics Corp. (A)	924	165,775
UNITY Biotechnology, Inc. (A)	783	3,633
UroGen Pharma, Ltd. (A)	495	7,559
Vaccinex, Inc. (A)	1,664	4,659
Vanda Pharmaceuticals, Inc. (A)	1,222	26,285
Vaxart, Inc. (A)(B)	2,037	15,257
Vaxcyte, Inc. (A)	521	11,728
Vera Therapeutics, Inc. (A)	203	2,690
Veracyte, Inc. (A)	1,069	42,739
Verastem, Inc. (A)	2,859	11,636
Vericel Corp. (A)	881	46,253
Vertex Pharmaceuticals, Inc. (A)	5,001	1,008,352
Viking Therapeutics, Inc. (A)	1,686	10,099
Vir Biotechnology, Inc. (A)	2,250	106,380
Viracta Therapeutics, Inc. (A)	919	10,421
Viridian Therapeutics, Inc. (A)	323	5,908
Virios Therapeutics, Inc. (A)	784	4,931
Vor BioPharma, Inc. (A)	520	9,698
Voyager Therapeutics, Inc. (A)	4,199	17,342
Werewolf Therapeutics, Inc. (A)	74	1,291
X4 Pharmaceuticals, Inc. (A)	590	3,835
XBiotech, Inc. (A)	761	12,602
Xencor, Inc. (A)	1,222	42,147
XOMA Corp. (A)	228	7,752
Yield10 Bioscience, Inc. (A)	668	5,698
Y-mAbs Therapeutics, Inc. (A)	853	28,831
Yumanity Therapeutics, Inc. (A)(C)	1,916	207
Yumanity Therapeutics, Inc. (A)	211	2,458
Zentalis Pharmaceuticals, Inc. (A)	459	24,419
ZIOPHARM Oncology, Inc. (A)	4,026	10,629
		24,004,904
<b>Health care equipment and supplies – 2.8%</b>		
Abbott Laboratories	32,646	3,784,651
ABIOMED, Inc. (A)	923	288,078
Accelerate Diagnostics, Inc. (A)	1,138	9,172
Accuray, Inc. (A)	2,263	10,229
Align Technology, Inc. (A)	1,508	921,388
Alphatec Holdings, Inc. (A)	1,472	22,551
AngioDynamics, Inc. (A)	928	25,177
Apollo Endosurgery, Inc. (A)	54	437
Apyx Medical Corp. (A)	890	9,176
Asensus Surgical, Inc. (A)	4,509	14,294
Aspira Women's Health, Inc. (A)	1,357	7,626
AtriCure, Inc. (A)	858	68,065
Atrion Corp.	39	24,216
Avanos Medical, Inc. (A)	1,021	37,134
Axogen, Inc. (A)	892	19,276

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Axonics, Inc. (A)	663	\$ 42,041
Baxter International, Inc.	9,117	733,919
Becton, Dickinson and Company	5,311	1,291,582
BioLife Solutions, Inc. (A)	435	19,362
Boston Scientific Corp. (A)	26,401	1,128,907
Cardiovascular Systems, Inc. (A)	748	31,902
Cerus Corp. (A)	3,177	18,776
Chembio Diagnostics, Inc. (A)	638	1,895
CONMED Corp.	596	81,908
CryoLife, Inc. (A)	840	23,856
CryoPort, Inc. (A)	806	50,859
Cutera, Inc. (A)	347	17,013
CytoSorbents Corp. (A)	847	6,395
Danaher Corp.	12,992	3,486,533
Dentsply Sirona, Inc.	4,251	268,918
DexCom, Inc. (A)	1,851	790,377
Eargo, Inc. (A)	79	3,153
Edwards Lifesciences Corp. (A)	11,727	1,214,565
ElectroCore, Inc. (A)	1,103	1,313
Envista Holdings Corp. (A)	3,026	130,753
Establishment Labs Holdings, Inc. (A)	483	42,185
GBS, Inc. (A)	916	3,609
Glaukos Corp. (A)	914	77,535
Globus Medical, Inc., Class A (A)	2,085	161,650
Haemonetics Corp. (A)	1,063	70,838
Hancock Jaffe Laboratories, Inc. (A)	533	3,662
Heska Corp. (A)	175	40,203
Hill-Rom Holdings, Inc.	1,203	136,649
Hologic, Inc. (A)	4,725	315,252
ICU Medical, Inc. (A)	434	89,317
IDEXX Laboratories, Inc. (A)	1,587	1,002,270
Inari Medical, Inc. (A)	390	36,379
Inogen, Inc. (A)	473	30,825
Insulet Corp. (A)	1,291	354,392
Integer Holdings Corp. (A)	687	64,715
Integra LifeSciences Holdings Corp. (A)	1,805	123,173
Intersect ENT, Inc. (A)	718	12,271
Intuitive Surgical, Inc. (A)	2,191	2,014,931
Invacare Corp. (A)	844	6,811
iRadimed Corp. (A)	275	8,088
iRhythm Technologies, Inc. (A)	563	37,355
Lantheus Holdings, Inc. (A)	1,472	40,686
LeMaitre Vascular, Inc.	475	28,985
Lucira Health, Inc. (A)(B)	556	3,692
Masimo Corp. (A)	1,083	262,573
Meridian Bioscience, Inc. (A)	1,112	24,664
Merit Medical Systems, Inc. (A)	1,168	75,523
Mesa Laboratories, Inc.	96	26,032
Misonix, Inc. (A)	328	7,275
Natus Medical, Inc. (A)	710	18,446
Neogen Corp. (A)	2,216	102,025
Neuronetics, Inc. (A)	394	6,312
Nevro Corp. (A)	651	107,929
NuVasive, Inc. (A)	1,095	74,219
OraSure Technologies, Inc. (A)	1,505	15,261
Orthofix Medical, Inc. (A)	439	17,608
OrthoPediatrics Corp. (A)	364	22,998
PAVmed, Inc. (A)	115	736
Penumbra, Inc. (A)	712	195,131
Pulse Biosciences, Inc. (A)	385	6,314
Quidel Corp. (A)	877	112,361
RA Medical Systems, Inc. (A)	25	109
ResMed, Inc.	2,677	659,934
SeaSpine Holdings Corp. (A)	591	12,121
Second Sight Medical Products, Inc. (A)	710	3,507



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Senseonics Holdings, Inc. (A)	7,241	\$ 27,805
Shockwave Medical, Inc. (A)	654	124,083
SI-BONE, Inc. (A)	650	20,456
Silk Road Medical, Inc. (A)	667	31,923
SmileDirectClub, Inc. (A)(B)	7,849	68,129
STAAR Surgical Company (A)	955	145,638
Stereotaxis, Inc. (A)	1,627	15,684
STERIS PLC	10	2,063
Stryker Corp.	6,931	1,800,189
Surgalign Holdings, Inc. (A)	2,540	3,531
Surmodics, Inc. (A)	315	17,089
Tactile Systems Technology, Inc. (A)	415	21,580
Talis Biomedical Corp. (A)	773	8,526
Tandem Diabetes Care, Inc. (A)	1,236	120,386
Teleflex, Inc.	869	349,156
The Cooper Companies, Inc.	853	338,018
TransMedics Group, Inc. (A)	477	15,827
Utah Medical Products, Inc.	94	7,994
Vapotherm, Inc. (A)	424	10,023
Varex Imaging Corp. (A)	786	21,081
Venus Concept, Inc. (A)	2,267	7,050
West Pharmaceutical Services, Inc.	1,380	495,558
Xtant Medical Holdings, Inc. (A)	760	1,239
Zimmer Biomet Holdings, Inc.	3,775	607,096
		25,302,172
<b>Health care providers and services – 2.4%</b>		
lLife Healthcare, Inc. (A)	1,199	39,639
Acadia Healthcare Company, Inc. (A)	1,902	119,351
Aceto Corp. (A)(C)	853	0
Addus HomeCare Corp. (A)	312	27,219
Agilon Health, Inc. (A)	5,403	219,200
Alignment Healthcare, Inc. (A)	1,440	33,653
Amedisys, Inc. (A)	684	167,532
AmerisourceBergen Corp.	3,711	424,872
AMN Healthcare Services, Inc. (A)	979	94,943
Anthem, Inc.	4,514	1,723,445
Apollo Medical Holdings, Inc. (A)	645	40,512
Brookdale Senior Living, Inc. (A)	4,129	32,619
Cardinal Health, Inc.	5,347	305,260
Castle Biosciences, Inc. (A)	321	23,539
Centene Corp. (A)	11,088	808,648
Chemed Corp.	270	128,115
Cigna Corp.	6,391	1,515,114
Community Health Systems, Inc. (A)	2,677	41,333
CorVel Corp. (A)	411	55,197
Covetrus, Inc. (A)	2,407	64,989
Cross Country Healthcare, Inc. (A)	923	15,239
CVS Health Corp.	24,365	2,033,016
DaVita, Inc. (A)	2,096	252,421
Encompass Health Corp.	2,097	163,629
Five Star Senior Living, Inc. (A)	3,184	18,340
Fulgent Genetics, Inc. (A)	357	32,926
Guardant Health, Inc. (A)	1,967	244,282
Hanger, Inc. (A)	826	20,881
HCA Healthcare, Inc.	6,356	1,314,039
HealthEquity, Inc. (A)	1,482	119,271
Henry Schein, Inc. (A)	2,611	193,710
Humana, Inc.	2,338	1,035,079
Interpace Biosciences, Inc. (A)	276	2,840
Laboratory Corp. of America Holdings (A)	1,855	511,702
LHC Group, Inc. (A)	671	134,374
Magellan Health, Inc. (A)	528	49,738
McKesson Corp.	2,802	535,854
MEDNAX, Inc. (A)	1,742	52,521
ModivCare, Inc. (A)	241	40,987

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
Molina Healthcare, Inc. (A)	1,146	\$ 290,007
National HealthCare Corp.	341	23,836
National Research Corp.	530	24,327
Oak Street Health, Inc. (A)	4,047	237,033
Ontrak, Inc. (A)	418	13,577
Option Care Health, Inc. (A)	3,590	78,513
Owens & Minor, Inc.	1,464	61,971
Patterson Companies, Inc.	2,037	61,904
PetIQ, Inc. (A)	575	22,195
Precipio, Inc. (A)	1,442	5,234
Premier, Inc., Class A	2,487	86,523
Privia Health Group, Inc. (A)	487	21,608
Progenity, Inc. (A)(B)	1,353	4,830
Progyny, Inc. (A)	1,674	98,766
Quest Diagnostics, Inc.	2,466	325,438
R1 RCM, Inc. (A)	2,386	53,065
RadNet, Inc. (A)	1,162	39,148
Select Medical Holdings Corp.	2,879	121,667
Signify Health, Inc., Class A (A)	2,116	64,390
Surgery Partners, Inc. (A)	1,125	74,948
Tenet Healthcare Corp. (A)	2,202	147,512
The Ensign Group, Inc.	1,158	100,364
The Joint Corp. (A)	360	30,211
The Pennant Group, Inc. (A)	613	25,072
Tivity Health, Inc. (A)	1,068	28,099
UnitedHealth Group, Inc.	17,336	6,942,028
Universal Health Services, Inc., Class B	1,703	249,370
US Physical Therapy, Inc.	281	32,559
		21,900,224
<b>Health care technology – 0.3%</b>		
Allscripts Healthcare Solutions, Inc. (A)	3,473	64,285
American Well Corp., Class A (A)	4,475	56,296
Castlight Health, Inc., B Shares (A)	3,656	9,615
Cerner Corp.	5,581	436,211
Certara, Inc. (A)	2,913	82,525
Change Healthcare, Inc. (A)	2,632	60,641
Computer Programs & Systems, Inc.	332	11,032
Evolent Health, Inc., Class A (A)	1,837	38,797
GoodRx Holdings, Inc., Class A (A)	7,531	271,191
Health Catalyst, Inc. (A)	658	36,526
HealthStream, Inc. (A)	730	20,396
HTG Molecular Diagnostics, Inc. (A)	68	395
Inovalon Holdings, Inc., Class A (A)	3,247	110,658
Inspire Medical Systems, Inc. (A)	513	99,142
NantHealth, Inc. (A)	2,869	6,656
NextGen Healthcare, Inc. (A)	1,375	22,811
Omnicell, Inc. (A)	878	132,973
Phreesia, Inc. (A)	625	38,313
Schrodinger, Inc. (A)	841	63,588
Simulations Plus, Inc.	395	21,689
Tabula Rasa HealthCare, Inc. (A)	474	23,700
Teladoc Health, Inc. (A)	2,629	437,176
Veeva Systems, Inc., Class A (A)	2,849	885,897
Vocera Communications, Inc. (A)	698	27,815
		2,958,328
<b>Life sciences tools and services – 1.3%</b>		
10X Genomics, Inc., Class A (A)	2,009	393,402
Adaptive Biotechnologies Corp. (A)	2,619	107,012
Agilent Technologies, Inc.	5,690	841,039
Avantor, Inc. (A)	11,445	406,412
Berkeley Lights, Inc. (A)	725	32,487
Bionano Genomics, Inc. (A)(B)	4,957	36,335
Bio-Rad Laboratories, Inc., Class A (A)	497	320,212
Bio-Techne Corp.	772	347,601
Bruker Corp.	3,230	245,415

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Life sciences tools and services (continued)</b>		
Charles River Laboratories International, Inc. (A)	1,022	\$ 378,058
Codexis, Inc. (A)	1,349	30,568
Fluidigm Corp. (A)	1,624	10,004
Illumina, Inc. (A)	2,710	1,282,399
Inotiv, Inc. (A)	104	2,775
IQVIA Holdings, Inc. (A)	3,682	892,222
Luminex Corp.	874	32,163
Maravai LifeSciences Holdings, Inc., Class A (A)	4,906	204,727
Medpace Holdings, Inc. (A)	761	134,415
Mettler-Toledo International, Inc. (A)	432	598,467
NanoString Technologies, Inc. (A)	769	49,824
NeoGenomics, Inc. (A)	2,242	101,271
Pacific Biosciences of California, Inc. (A)	3,229	112,918
PerkinElmer, Inc.	2,144	331,055
Personalis, Inc. (A)	696	17,609
PPD, Inc. (A)	5,729	264,050
PRA Health Sciences, Inc. (A)	1,329	219,564
Quanterix Corp. (A)	534	31,324
Repligen Corp. (A)	1,100	219,582
Sotera Health Company (A)	5,283	128,007
Syneos Health, Inc. (A)	2,189	195,894
Thermo Fisher Scientific, Inc.	7,126	3,594,853
Waters Corp. (A)	1,162	401,599
		11,963,263
<b>Pharmaceuticals – 3.0%</b>		
9 Meters Biopharma, Inc. (A)	13,854	15,239
Aclaris Therapeutics, Inc. (A)	1,008	17,700
Aerie Pharmaceuticals, Inc. (A)	991	15,866
Agile Therapeutics, Inc. (A)	9,325	12,402
Alexza Pharmaceuticals, Inc. (A)(C)	2,067	72
Anneal Pharmaceuticals, Inc. (A)	6,203	31,759
Amphastar Pharmaceuticals, Inc. (A)	1,078	21,732
Ampio Pharmaceuticals, Inc. (A)	2,637	4,404
Angion Biomedica Corp. (A)	423	5,507
ANI Pharmaceuticals, Inc. (A)	272	9,534
Antares Pharma, Inc. (A)	3,736	16,289
Aquestive Therapeutics, Inc. (A)	1,242	4,931
Arvinas, Inc. (A)	815	62,755
Atea Pharmaceuticals, Inc. (A)	1,573	33,788
Axsome Therapeutics, Inc. (A)	727	49,043
Baudax Bio, Inc. (A)	12,510	9,516
BioDelivery Sciences International, Inc. (A)	2,072	7,418
Bristol-Myers Squibb Company	41,562	2,777,173
Cara Therapeutics, Inc. (A)	906	12,929
Cassava Sciences, Inc. (A)(B)	658	56,220
Catalent, Inc. (A)	3,070	331,928
cbdMD, Inc. (A)	231	670
Cerecor, Inc. (A)	3,324	10,869
Chiasma, Inc. (A)	218	1,031
Clearside Biomedical, Inc. (A)	632	3,078
CNS Pharmaceuticals, Inc. (A)	4,452	8,726
Collegium Pharmaceutical, Inc. (A)	742	17,541
Corcept Therapeutics, Inc. (A)	2,419	53,218
Dova Pharmaceuticals, Inc. (A)(C)	702	0
Durect Corp. (A)	4,211	6,864
Edgewise Therapeutics, Inc. (A)	49	1,045
Elanco Animal Health, Inc. (A)	7,805	270,755
Elanco Animal Health, Inc. (A)(C)	1,239	0
Eli Lilly & Company	17,620	4,044,142
Eloxx Pharmaceuticals, Inc. (A)	6,700	13,333
Endo International PLC (A)	4,819	22,553
Evfem Biosciences, Inc. (A)	8,299	9,378

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
Evoke Pharma, Inc. (A)	2,608	\$ 3,573
Evolus, Inc. (A)	1,331	16,837
EyeGate Pharmaceuticals, Inc. (A)	353	1,285
Eyenovia, Inc. (A)	1,620	8,035
Fulcrum Therapeutics, Inc. (A)	548	5,743
Graybug Vision, Inc. (A)(B)	1,334	7,244
Harrow Health, Inc. (A)	642	5,964
Hoth Therapeutics, Inc. (A)	8,258	13,213
Ikena Oncology, Inc. (A)	481	6,753
IMARA, Inc. (A)	1,373	10,847
Innoviva, Inc. (A)	2,164	29,019
Jaguar Health, Inc. (A)(B)	8,466	13,376
Johnson & Johnson	48,087	7,921,852
Kala Pharmaceuticals, Inc. (A)	1,156	6,127
Kaleido Biosciences, Inc. (A)	768	5,714
Landos Biopharma, Inc. (A)	517	5,971
Lannett Company, Inc. (A)(B)	920	4,296
Liquidia Corp. (A)	907	2,594
Longboard Pharmaceuticals, Inc. (A)	471	4,296
Lyra Therapeutics, Inc. (A)	779	6,255
Marinus Pharmaceuticals, Inc. (A)	569	10,208
Merck & Company, Inc.	46,028	3,579,598
Nektar Therapeutics (A)	3,720	63,835
NGM Biopharmaceuticals, Inc. (A)	1,448	28,555
Ocular Therapeutix, Inc. (A)	1,256	17,810
Odonate Therapeutics, Inc. (A)	5,596	19,530
Omeros Corp. (A)	1,206	17,897
Onconova Therapeutics, Inc. (A)	965	6,687
Optinose, Inc. (A)	5,512	17,142
Organon & Company (A)	4,780	144,643
Osmotica Pharmaceuticals PLC (A)(B)	6,046	18,198
Otonomy, Inc. (A)	7,305	16,290
Pacira BioSciences, Inc. (A)	888	53,884
Palisade Bio, Inc. (A)(B)	1,653	6,728
Paratek Pharmaceuticals, Inc. (A)	901	6,145
Pfizer, Inc.	102,379	4,009,162
Phathom Pharmaceuticals, Inc. (A)	484	16,383
Phibro Animal Health Corp., Class A	851	24,577
Pliant Therapeutics, Inc. (A)	232	6,756
PLx Pharma, Inc. (A)	510	7,038
Prestige Consumer Healthcare, Inc. (A)	1,076	56,060
Prevail Therapeutics, Inc. (A)(C)	788	394
Prevention Bio, Inc. (A)	2,141	18,049
Rain Therapeutics, Inc. (A)	293	4,553
Reata Pharmaceuticals, Inc., Class A (A)	634	89,730
Revance Therapeutics, Inc. (A)	1,026	30,411
Royalty Pharma PLC, Class A	10,381	425,517
Satsuma Pharmaceuticals, Inc. (A)	19	134
SCYNEXIS, Inc. (A)	790	5,814
Seelos Therapeutics, Inc. (A)	3,347	8,836
SIGA Technologies, Inc. (A)	1,954	12,271
Supernus Pharmaceuticals, Inc. (A)	1,139	35,070
Terns Pharmaceuticals, Inc. (A)	403	4,941
TherapeuticsMD, Inc. (A)	5,607	6,672
Tilray, Inc., Class 2 (A)(B)	7,922	143,230
Tobira Therapeutics, Inc. (A)(C)	609	2,521
Tricida, Inc. (A)	1,068	4,614
Vallon Pharmaceuticals, Inc. (A)	1,167	6,348
Verrica Pharmaceuticals, Inc. (A)	659	7,447
Viatis, Inc.	22,719	324,655
Virpax Pharmaceuticals, Inc. (A)	711	3,235
VYNE Therapeutics, Inc. (A)	2,528	8,873
Xeris Pharmaceuticals, Inc. (A)(B)	4,556	18,543
Zoetis, Inc.	8,750	1,630,650
Zogenix, Inc. (A)	961	16,606

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
Zomedica Corp. (A)	11,482	\$ 9,561
Zynerba Pharmaceuticals, Inc. (A)	1,351	7,147
		26,991,350
		113,120,241
<b>Industrials – 8.7%</b>		
<b>Aerospace and defense – 1.4%</b>		
AAR Corp. (A)	757	29,334
Aerojet Rocketdyne Holdings, Inc.	1,656	79,968
AeroVironment, Inc. (A)	512	51,277
Astronics Corp. (A)	623	10,909
Axon Enterprise, Inc. (A)	1,246	220,293
BWX Technologies, Inc.	1,923	111,765
Curtiss-Wright Corp.	789	93,702
Ducommun, Inc. (A)	268	14,622
General Dynamics Corp.	4,993	939,982
HEICO Corp., Class A	2,690	334,044
Hexcel Corp. (A)	1,762	109,949
Howmet Aerospace, Inc. (A)	8,401	289,582
Huntington Ingalls Industries, Inc.	759	159,959
Kaman Corp.	587	29,585
Kratos Defense & Security Solutions, Inc. (A)	2,288	65,185
L3Harris Technologies, Inc.	3,809	823,315
Lockheed Martin Corp.	4,745	1,795,271
Maxar Technologies, Inc.	1,313	52,415
Mercury Systems, Inc. (A)	1,164	77,150
Moog, Inc., Class A	671	56,404
National Presto Industries, Inc.	169	17,179
Northrop Grumman Corp.	2,773	1,007,791
Park Aerospace Corp.	561	8,359
Parsons Corp. (A)	2,058	81,003
Raytheon Technologies Corp.	28,079	2,395,419
Spirit AeroSystems Holdings, Inc., Class A	2,171	102,449
Teledyne Technologies, Inc. (A)	883	369,827
Textron, Inc.	4,443	305,545
The Boeing Company (A)	10,819	2,591,800
TransDigm Group, Inc. (A)	1,033	668,651
Triumph Group, Inc. (A)	1,030	21,373
Vectrus, Inc. (A)	262	12,469
		12,926,576
<b>Air freight and logistics – 0.7%</b>		
Air Transport Services Group, Inc. (A)	1,293	30,036
Atlas Air Worldwide Holdings, Inc. (A)	480	32,693
CH Robinson Worldwide, Inc.	2,237	209,540
Echo Global Logistics, Inc. (A)	631	19,397
Expeditors International of Washington, Inc.	2,602	329,413
FedEx Corp.	5,017	1,496,722
Forward Air Corp.	636	57,081
Hub Group, Inc., Class A (A)	691	45,592
United Parcel Service, Inc., Class B	16,108	3,349,981
XPO Logistics, Inc. (A)	1,938	271,107
		5,841,562
<b>Airlines – 0.2%</b>		
Alaska Air Group, Inc. (A)	2,510	151,378
Allegiant Travel Company (A)	324	62,856
American Airlines Group, Inc. (A)	9,945	210,933
Delta Air Lines, Inc. (A)	13,422	580,636
Hawaiian Holdings, Inc. (A)	993	24,199
JetBlue Airways Corp. (A)	6,077	101,972
Mesa Air Group, Inc. (A)	734	6,848
SkyWest, Inc. (A)	1,002	43,156
Southwest Airlines Company (A)	10,995	583,725
Spirit Airlines, Inc. (A)	1,446	44,016

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Airlines (continued)</b>		
United Airlines Holdings, Inc. (A)	5,285	\$ 276,353
		2,086,072
<b>Building products – 0.5%</b>		
A.O. Smith Corp.	3,268	235,492
AAON, Inc.	1,098	68,724
Advanced Drainage Systems, Inc.	1,309	152,590
American Woodmark Corp. (A)	361	29,490
Apogee Enterprises, Inc.	604	24,601
Armstrong World Industries, Inc.	856	91,815
Builders FirstSource, Inc. (A)	4,290	183,011
Carrier Global Corp.	16,178	786,251
Cornerstone Building Brands, Inc. (A)	2,840	51,631
CSW Industrials, Inc.	335	39,684
Fortune Brands Home & Security, Inc.	2,668	265,759
Gibraltar Industries, Inc. (A)	685	52,272
Griffon Corp.	1,054	27,014
Insteel Industries, Inc.	463	14,885
JELD-WEN Holding, Inc. (A)	2,148	56,406
Johnson Controls International PLC	17,081	1,172,269
Lennox International, Inc.	706	247,665
Masco Corp.	4,564	268,865
Owens Corning	2,138	209,310
PGT Innovations, Inc. (A)	1,295	30,083
Quanex Building Products Corp.	554	13,761
Resideo Technologies, Inc. (A)	2,645	79,350
Simpson Manufacturing Company, Inc.	929	102,599
The AZEK Company, Inc. (A)	1,030	43,734
Trex Company, Inc. (A)	2,395	244,793
UFP Industries, Inc.	1,297	96,419
		4,588,473
<b>Commercial services and supplies – 0.6%</b>		
ABM Industries, Inc.	1,396	61,913
ACCO Brands Corp.	2,109	18,201
ACV Auctions, Inc., Class A (A)	1,749	44,827
ADT, Inc.	15,587	168,184
Aqua Metals, Inc. (A)	407	1,221
Brady Corp., Class A	1,122	62,877
BrightView Holdings, Inc. (A)	2,250	36,270
Casella Waste Systems, Inc., Class A (A)	1,031	65,396
CECO Environmental Corp. (A)	931	6,666
Cintas Corp.	1,923	734,586
Clean Harbors, Inc. (A)	1,183	110,185
Copart, Inc. (A)	4,342	572,406
CoreCivic, Inc. (A)	2,527	26,458
Covanta Holding Corp.	2,894	50,963
Deluxe Corp.	899	42,945
Ennis, Inc.	594	12,783
Harsco Corp. (A)	1,720	35,122
Healthcare Services Group, Inc.	1,557	49,154
Heritage-Crystal Clean, Inc. (A)	532	15,790
Herman Miller, Inc.	1,134	53,457
HNI Corp.	909	39,969
IAA, Inc. (A)	2,758	150,421
Interface, Inc.	1,246	19,064
KAR Auction Services, Inc. (A)	2,713	47,613
Kimball International, Inc., Class B	828	10,888
Knoll, Inc.	1,051	27,315
Matthews International Corp., Class A	695	24,992
MSA Safety, Inc.	789	130,643
NL Industries, Inc.	1,371	8,912
Pitney Bowes, Inc.	3,630	31,835
Quad/Graphics, Inc. (A)	1,350	5,603
Republic Services, Inc.	5,154	566,992
Rollins, Inc.	9,589	327,944
RR Donnelley & Sons Company (A)	1,850	11,618

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Commercial services and supplies (continued)</b>		
SP Plus Corp. (A)	517	\$ 15,815
Steelcase, Inc., Class A	2,479	37,458
Stericycle, Inc. (A)	1,924	137,662
Swisher Hygiene, Inc. (A)(C)	450	0
Team, Inc. (A)	728	4,878
Tetra Tech, Inc.	1,153	140,712
The Brink's Company	1,052	80,836
UniFirst Corp.	321	75,319
US Ecology, Inc. (A)	492	18,460
Viad Corp. (A)	446	22,233
Vidler Water Resources, Inc. (A)	659	8,765
VSE Corp.	270	13,368
Waste Management, Inc.	7,421	1,039,756
		5,168,475
<b>Construction and engineering – 0.2%</b>		
AECOM (A)	2,768	175,270
Ameresco, Inc., Class A (A)	1,046	65,605
Arcosa, Inc.	870	51,104
Argan, Inc.	361	17,252
Comfort Systems USA, Inc.	770	60,668
Construction Partners, Inc., Class A (A)	1,162	36,487
Dycom Industries, Inc. (A)	667	49,712
EMCOR Group, Inc.	901	110,994
Fluor Corp. (A)	3,029	53,613
Granite Construction, Inc.	1,014	42,111
Great Lakes Dredge & Dock Corp. (A)	1,462	21,360
IES Holdings, Inc. (A)	485	24,910
MasTec, Inc. (A)	1,529	162,227
Matrix Service Company (A)	663	6,962
MYR Group, Inc. (A)	381	34,641
Northwest Pipe Company (A)	252	7,119
Orbital Energy Group, Inc. (A)	635	2,775
Orion Group Holdings, Inc. (A)	985	5,664
Primoris Services Corp.	1,046	30,784
Quanta Services, Inc.	2,698	244,358
Sterling Construction Company, Inc. (A)	650	15,685
Tutor Perini Corp. (A)	1,152	15,955
Valmont Industries, Inc.	334	78,841
WillScot Mobile Mini Holdings Corp. (A)	4,767	132,856
		1,446,953
<b>Electrical equipment – 0.6%</b>		
Acuity Brands, Inc.	788	147,380
Allied Motion Technologies, Inc.	333	11,498
American Superconductor Corp. (A)	626	10,886
AMETEK, Inc.	4,215	562,703
Array Technologies, Inc. (A)	2,418	37,721
Atkore, Inc. (A)	995	70,645
Ault Global Holdings, Inc. (A)	1,563	4,408
AZZ, Inc.	556	28,790
Bloom Energy Corp., Class A (A)	2,529	67,954
Eaton Corp. PLC	7,027	1,041,261
Emerson Electric Company	10,731	1,032,751
Encore Wire Corp.	444	33,651
Energous Corp. (A)	2,561	7,350
EnerSys	886	86,589
FuelCell Energy, Inc. (A)	4,837	43,049
Generac Holdings, Inc. (A)	592	245,769
GrafTech International, Ltd.	4,843	56,276
Hubbell, Inc.	956	178,619
nVent Electric PLC	3,399	106,185
Ocean Power Technologies, Inc. (A)	567	1,418
Orion Energy Systems, Inc. (A)	2,776	15,906
Plug Power, Inc. (A)	9,570	327,198
Powell Industries, Inc.	287	8,883
Preformed Line Products Company	126	9,349

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electrical equipment (continued)</b>		
Regal Beloit Corp.	813	\$ 108,544
Rockwell Automation, Inc.	2,053	587,199
Sunrun, Inc. (A)	3,994	222,785
Sunworks, Inc. (A)	179	1,881
Thermon Group Holdings, Inc. (A)	751	12,797
TPI Composites, Inc. (A)	781	37,816
Vicor Corp. (A)	865	91,465
		5,198,726
<b>Industrial conglomerates – 0.9%</b>		
3M Company	10,518	2,089,190
Carlisle Companies, Inc.	796	152,338
General Electric Company	163,539	2,201,235
Honeywell International, Inc.	12,632	2,770,829
Icahn Enterprises LP	4,276	235,137
Raven Industries, Inc.	807	46,685
Roper Technologies, Inc.	1,888	887,738
		8,383,152
<b>Machinery – 1.7%</b>		
AGCO Corp.	1,435	187,095
Agrify Corp. (A)	374	4,451
Alamo Group, Inc.	239	36,491
Albany International Corp., Class A	643	57,394
Allison Transmission Holdings, Inc.	1,182	46,973
Altra Industrial Motion Corp.	1,367	88,882
Astec Industries, Inc.	516	32,477
Barnes Group, Inc.	1,066	54,633
Caterpillar, Inc.	10,074	2,192,405
Chart Industries, Inc. (A)	759	111,057
CIRCOR International, Inc. (A)	461	15,029
Colfax Corp. (A)	2,476	113,426
Columbus McKinnon Corp.	532	25,664
Commercial Vehicle Group, Inc. (A)	856	9,099
Crane Company	1,181	109,089
Cummins, Inc.	2,458	599,285
Deere & Company	5,739	2,024,203
Donaldson Company, Inc.	2,191	139,194
Douglas Dynamics, Inc.	435	17,700
Dover Corp.	2,018	303,911
Energy Recovery, Inc. (A)	1,268	28,885
Enerpac Tool Group Corp.	1,293	34,420
EnPro Industries, Inc.	467	45,369
ESCO Technologies, Inc.	542	50,845
Evoqua Water Technologies Corp. (A)	2,421	81,781
Federal Signal Corp.	1,279	51,454
Flowserve Corp.	2,742	110,557
Fortive Corp.	6,140	428,204
Franklin Electric Company, Inc.	987	79,572
Gates Industrial Corp. PLC (A)	6,148	111,094
Gencor Industries, Inc. (A)	428	5,204
Graco, Inc.	3,258	246,631
Graham Corp.	310	4,266
Helios Technologies, Inc.	706	55,103
Hillenbrand, Inc.	1,583	69,779
Hurco Companies, Inc.	183	6,405
Hyster-Yale Materials Handling, Inc.	296	21,602
IDEX Corp.	1,049	230,832
Illinois Tool Works, Inc.	5,437	1,215,496
Ingersoll Rand, Inc. (A)	7,954	388,235
ITT, Inc.	1,654	151,490
John Bean Technologies Corp.	667	95,128
Kadant, Inc.	213	37,507
Kennametal, Inc.	1,782	64,009
LB Foster Company, Class A (A)	298	5,555
Lincoln Electric Holdings, Inc.	1,160	152,784
Lindsay Corp.	215	35,535

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Lydall, Inc. (A)	434	\$ 26,266
Mayville Engineering Company, Inc. (A)	522	10,497
Meritor, Inc. (A)	1,419	33,233
Miller Industries, Inc.	293	11,556
Mueller Industries, Inc.	1,297	56,173
Mueller Water Products, Inc., Class A	3,339	48,148
Navistar International Corp. (A)	2,092	93,094
NN, Inc. (A)	766	5,630
Nordson Corp.	688	151,023
Omega Flex, Inc.	223	32,716
Oshkosh Corp.	1,294	161,284
Otis Worldwide Corp.	7,399	605,016
PACCAR, Inc.	5,710	509,618
Parker-Hannifin Corp.	2,416	741,978
Park-Ohio Holdings Corp.	316	10,156
Proto Labs, Inc. (A)	565	51,867
RBC Bearings, Inc. (A)	524	104,496
REV Group, Inc.	1,210	18,985
Rexnord Corp.	2,363	118,245
Snap-on, Inc.	835	186,564
SPX Corp. (A)	948	57,904
SPX FLOW, Inc.	923	60,217
Standex International Corp.	280	26,575
Stanley Black & Decker, Inc.	2,971	609,025
Tennant Company	380	30,343
Terex Corp.	1,554	74,001
The Eastern Company	202	6,127
The Gorman-Rupp Company	603	20,767
The Greenbrier Companies, Inc.	586	25,538
The Manitowoc Company, Inc. (A)	864	21,168
The Middleby Corp. (A)	1,172	203,061
The Shyft Group, Inc.	809	30,265
The Timken Company	1,583	127,574
The Toro Company	2,154	236,682
Titan International, Inc. (A)	1,677	14,221
TriMas Corp. (A)	1,035	31,392
Trinity Industries, Inc.	2,605	70,048
Wabash National Corp.	1,110	17,760
Wabtec Corp.	3,970	326,731
Watts Water Technologies, Inc., Class A	650	94,842
Welbilt, Inc. (A)	2,974	68,848
Woodward, Inc.	1,298	159,498
Xylem, Inc.	3,519	422,139
		15,687,471
<b>Marine – 0.0%</b>		
Eagle Bulk Shipping, Inc. (A)	275	13,013
Kirby Corp. (A)	1,269	76,952
Matson, Inc.	933	59,712
		149,677
<b>Professional services – 0.5%</b>		
Acacia Research Corp. (A)	1,686	11,397
ASGN, Inc. (A)	1,106	107,205
Barrett Business Services, Inc.	173	12,562
Booz Allen Hamilton Holding Corp.	2,445	208,265
CACI International, Inc., Class A (A)	333	84,955
CBIZ, Inc. (A)	1,144	37,489
CoStar Group, Inc. (A)	7,420	614,524
CRA International, Inc.	188	16,093
Dun & Bradstreet Holdings, Inc. (A)	4,817	102,939
Equifax, Inc.	2,294	549,436
Exponent, Inc.	1,082	96,525
Forrester Research, Inc. (A)	420	19,236
Franklin Covey Company (A)	341	11,031
FTI Consulting, Inc. (A)	590	80,600
Heidrick & Struggles International, Inc.	459	20,448

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Professional services (continued)</b>		
Huron Consulting Group, Inc. (A)	481	\$ 23,641
ICF International, Inc.	377	33,123
Insperty, Inc.	843	76,182
Jacobs Engineering Group, Inc.	2,407	321,142
KBR, Inc.	2,986	113,916
Kelly Services, Inc., Class A (A)	813	19,488
Kforce, Inc.	509	32,031
Korn Ferry	1,163	84,376
Leidos Holdings, Inc.	2,616	264,478
ManpowerGroup, Inc.	1,062	126,282
ManTech International Corp., Class A	809	70,011
Mistras Group, Inc. (A)	754	7,412
Rekor Systems, Inc. (A)	930	9,449
Resources Connection, Inc.	781	11,215
Robert Half International, Inc.	2,211	196,713
Science Applications International Corp.	1,089	95,538
ShiftPixy, Inc. (A)	1,190	2,808
TransUnion	3,623	397,842
TriNet Group, Inc. (A)	1,465	106,183
TrueBlue, Inc. (A)	816	22,938
Upwork, Inc. (A)	2,419	141,004
Verisk Analytics, Inc.	2,981	520,840
Willdan Group, Inc. (A)	264	9,937
		4,659,254
<b>Road and rail – 1.1%</b>		
AMERCO	253	149,118
ArcBest Corp.	604	35,147
Avis Budget Group, Inc. (A)	1,479	115,199
Covenant Logistics Group, Inc. (A)	501	10,361
CSX Corp.	41,976	1,346,590
Daseke, Inc. (A)	1,184	7,672
Heartland Express, Inc.	1,522	26,072
HyreCar, Inc. (A)	233	4,874
JB Hunt Transport Services, Inc.	1,930	314,494
Kansas City Southern	1,750	495,898
Knight-Swift Transportation Holdings, Inc.	3,561	161,883
Landstar System, Inc.	521	82,328
Lyft, Inc., Class A (A)	6,240	377,395
Marten Transport, Ltd.	1,666	27,472
Norfolk Southern Corp.	4,539	1,204,696
Old Dominion Freight Line, Inc.	2,233	566,735
P.A.M. Transportation Services, Inc. (A)	163	8,598
Ryder System, Inc.	1,136	84,439
Saia, Inc. (A)	560	117,314
Schneider National, Inc., Class B	3,647	79,395
TuSimple Holdings, Inc., Class A (A)(B)	1,216	86,628
Uber Technologies, Inc. (A)	35,203	1,764,374
Union Pacific Corp.	12,090	2,658,954
Universal Logistics Holdings, Inc.	647	15,075
Werner Enterprises, Inc.	973	43,318
Yellow Corp. (A)	875	5,696
		9,789,725
<b>Trading companies and distributors – 0.3%</b>		
Air Lease Corp.	2,163	90,284
Applied Industrial Technologies, Inc.	808	73,576
Beacon Roofing Supply, Inc. (A)	1,448	77,106
BlueLinX Holdings, Inc. (A)	138	6,939
Boise Cascade Company	849	49,539
CAI International, Inc.	399	22,344
DXP Enterprises, Inc. (A)	424	14,119
EVI Industries, Inc. (A)	281	7,980
Fastenal Company	11,301	587,652
Fortress Transportation & Infrastructure Investors LLC	1,753	58,813
GATX Corp.	601	53,170

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Trading companies and distributors (continued)</b>		
Global Industrial, Inc.	859	\$ 31,534
GMS, Inc. (A)	892	42,941
H&E Equipment Services, Inc.	706	23,489
Herc Holdings, Inc. (A)	600	67,242
Lawson Products, Inc. (A)	105	5,619
McGrath RentCorp	513	41,845
MRC Global, Inc. (A)	1,913	17,982
MSC Industrial Direct Company, Inc., Class A	1,063	95,383
NOW, Inc. (A)	2,361	22,406
Rush Enterprises, Inc., Class A	1,177	50,893
SiteOne Landscape Supply, Inc. (A)	878	148,610
Textainer Group Holdings, Ltd. (A)	1,307	44,137
Titan Machinery, Inc. (A)	554	17,141
United Rentals, Inc. (A)	1,337	426,516
Univar Solutions, Inc. (A)	3,580	87,280
Veritiv Corp. (A)	416	25,551
W.W. Grainger, Inc.	838	367,044
Watsco, Inc.	731	209,534
WESCO International, Inc. (A)	1,054	108,372
		2,875,041
		78,801,157
<b>Information technology – 25.2%</b>		
<b>Communications equipment – 0.8%</b>		
ADTRAN, Inc.	1,229	25,379
Applied Optoelectronics, Inc. (A)	524	4,438
Arista Networks, Inc. (A)	1,433	519,190
CalAmp Corp. (A)	820	10,430
Calix, Inc. (A)	1,308	62,130
Cambium Networks Corp. (A)	638	30,847
Casa Systems, Inc. (A)	2,022	17,935
Ciena Corp. (A)	2,982	169,646
Cisco Systems, Inc.	76,920	4,076,760
Clearfield, Inc. (A)	398	14,905
CommScope Holding Company, Inc. (A)	4,134	88,096
Comtech Telecommunications Corp.	548	13,240
Digi International, Inc. (A)	683	13,735
DZS, Inc. (A)	566	11,745
EchoStar Corp., Class A (A)	2,059	50,013
Extreme Networks, Inc. (A)	2,767	30,880
F5 Networks, Inc. (A)	1,169	218,206
Harmonic, Inc. (A)	2,084	17,756
Infinera Corp. (A)	3,517	35,873
Inseego Corp. (A)(B)	1,798	18,142
Juniper Networks, Inc.	5,594	152,996
KVH Industries, Inc. (A)	504	6,199
Lumentum Holdings, Inc. (A)	1,592	130,592
Motorola Solutions, Inc.	2,893	627,347
NETGEAR, Inc. (A)	654	25,061
NetScout Systems, Inc. (A)	1,586	45,264
Plantronics, Inc. (A)	893	37,265
Powerwave Technologies, Inc. (A)(C)	912	0
Resonant, Inc. (A)	247	793
Ribbon Communications, Inc. (A)	2,627	19,991
Ubiquiti, Inc.	1,238	386,491
ViaSat, Inc. (A)	1,289	64,244
Viavi Solutions, Inc. (A)	4,848	85,616
Vislink Technologies, Inc. (A)	1,137	3,240
		7,014,445
<b>Electronic equipment, instruments and components – 0.7%</b>		
Advanced Energy Industries, Inc.	809	91,182
Akoustis Technologies, Inc. (A)	872	9,339
Amphenol Corp., Class A	10,849	742,180
Arlo Technologies, Inc. (A)	1,497	10,135

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electronic equipment, instruments and components (continued)</b>		
Arrow Electronics, Inc. (A)	1,238	\$ 140,922
Avnet, Inc.	1,858	74,469
Badger Meter, Inc.	609	59,755
Bel Fuse, Inc., Class B	346	4,982
Belden, Inc.	915	46,272
Benchmark Electronics, Inc.	800	22,768
CDW Corp.	2,526	441,166
Cognex Corp.	3,548	298,209
Coherent, Inc. (A)	509	134,549
Corning, Inc.	15,094	617,345
CTS Corp.	670	24,897
Daktronics, Inc. (A)	1,227	8,086
ePlus, Inc. (A)	171	14,824
FARO Technologies, Inc. (A)	391	30,408
II-VI, Inc. (A)	1,909	138,574
Insight Enterprises, Inc. (A)	735	73,507
IPG Photonics Corp. (A)	1,012	213,299
Iteris, Inc. (A)	1,032	6,863
Itron, Inc. (A)	841	84,083
Jabil, Inc.	2,933	170,466
Keysight Technologies, Inc. (A)	3,385	522,678
Kimball Electronics, Inc. (A)	601	13,066
Knowles Corp. (A)	1,955	38,592
Littelfuse, Inc.	493	125,611
Methode Electronics, Inc.	804	39,565
MicroVision, Inc. (A)(B)	2,290	38,358
Napco Security Technologies, Inc. (A)	429	15,603
National Instruments Corp.	2,724	115,171
nLight, Inc. (A)	848	30,765
Novanta, Inc. (A)	739	99,588
OSI Systems, Inc. (A)	333	33,846
PAR Technology Corp. (A)	370	25,878
PC Connection, Inc.	517	23,922
Plexus Corp. (A)	489	44,699
Rogers Corp. (A)	393	78,914
Sanmina Corp. (A)	1,095	42,661
ScanSource, Inc. (A)	460	12,940
SYNNEX Corp.	1,018	123,952
Trimble, Inc. (A)	4,825	394,830
TTM Technologies, Inc. (A)	2,254	32,232
Vishay Intertechnology, Inc.	3,003	67,718
Vishay Precision Group, Inc. (A)	306	10,416
Vontier Corp.	2,732	89,009
Zebra Technologies Corp., Class A (A)	998	528,431
		6,006,725
<b>IT services – 4.6%</b>		
Affirm Holdings, Inc. (A)(B)	3,775	254,246
Akamai Technologies, Inc. (A)	2,848	332,077
Alliance Data Systems Corp.	932	97,105
Automatic Data Processing, Inc.	7,771	1,543,476
BigCommerce Holdings, Inc., Series 1 (A)	1,073	69,659
Black Knight, Inc. (A)	2,978	232,224
BM Technologies, Inc. (A)(B)	1,528	19,008
Brightcove, Inc. (A)	983	14,106
Broadridge Financial Solutions, Inc.	2,155	348,097
Cass Information Systems, Inc.	256	10,432
Cognizant Technology Solutions Corp., Class A	9,804	679,025
Concentrix Corp. (A)	1,018	163,694
Conduent, Inc. (A)	4,621	34,658
CSG Systems International, Inc.	659	31,092
DXC Technology Company (A)	5,359	208,679
EPAM Systems, Inc. (A)	1,091	557,457
Euronet Worldwide, Inc. (A)	1,131	153,081

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services (continued)</b>		
EVO Payments, Inc., Class A (A)	1,768	\$ 49,044
ExlService Holdings, Inc. (A)	712	75,657
Fastly, Inc., Class A (A)(B)	1,995	118,902
Fidelity National Information Services, Inc.	11,395	1,614,330
Fiserv, Inc. (A)	12,393	1,324,688
FleetCor Technologies, Inc. (A)	1,524	390,235
Gartner, Inc. (A)	1,708	413,678
Genpact, Ltd.	3,996	181,538
Global Payments, Inc.	5,523	1,035,783
GoDaddy, Inc., Class A (A)	3,165	275,228
GreenSky, Inc., Class A (A)	3,876	21,512
i3 Verticals, Inc., Class A (A)	606	18,313
IBM Corp.	16,189	2,373,146
Information Services Group, Inc.	1,409	8,243
Jack Henry & Associates, Inc.	1,234	201,771
Limelight Networks, Inc. (A)	2,664	8,392
LiveRamp Holdings, Inc. (A)	1,431	67,042
Mastercard, Inc., Class A	18,201	6,645,003
MAXIMUS, Inc.	1,146	100,814
MoneyGram International, Inc. (A)	1,519	15,312
MongoDB, Inc. (A)	1,175	424,786
Okta, Inc. (A)	2,436	596,040
Paychex, Inc.	6,715	720,520
PayPal Holdings, Inc. (A)	21,633	6,305,587
Paysign, Inc. (A)	1,105	3,514
Perficient, Inc. (A)	713	57,339
Sabre Corp. (A)	5,716	71,336
ServiceSource International, Inc. (A)	14,242	20,081
Shift4 Payments, Inc., Class A (A)	700	65,604
Snowflake, Inc., Class A (A)	5,436	1,314,425
Square, Inc., Class A (A)	8,502	2,072,788
Squarespace, Inc., Class A (A)	884	52,518
StarTek, Inc. (A)	653	4,656
Switch, Inc., Class A	5,110	107,872
Sykes Enterprises, Inc. (A)	904	48,545
The Hackett Group, Inc.	696	12,542
The Western Union Company	7,400	169,978
TTEC Holdings, Inc.	986	101,647
Twilio, Inc., Class A (A)	2,920	1,150,947
Unisys Corp. (A)	1,343	33,991
VeriSign, Inc. (A)	1,742	396,636
Verra Mobility Corp. (A)	3,363	51,689
Visa, Inc., Class A	35,691	8,345,270
WEX, Inc. (A)	903	175,092
		41,990,150
<b>Semiconductors and semiconductor equipment – 4.6%</b>		
ACM Research, Inc., Class A (A)	406	41,501
Advanced Micro Devices, Inc. (A)	22,503	2,113,707
Allegro MicroSystems, Inc. (A)	3,608	99,942
Alpha & Omega Semiconductor, Ltd. (A)	622	18,903
Ambarella, Inc. (A)	706	75,281
Amkor Technology, Inc.	5,075	120,125
Analog Devices, Inc.	6,604	1,136,945
Applied Materials, Inc.	16,939	2,412,114
Atomera, Inc. (A)	385	8,254
Axcelsis Technologies, Inc. (A)	734	29,668
Broadcom, Inc.	7,470	3,561,995
Brooks Automation, Inc.	1,532	145,969
CEVA, Inc. (A)	512	24,218
Cirrus Logic, Inc. (A)	1,046	89,036
CMC Materials, Inc.	612	92,253
Cohu, Inc. (A)	925	34,031
Cree, Inc. (A)	2,258	221,126
Diodes, Inc. (A)	920	73,388
DSP Group, Inc. (A)	596	8,821

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
EMagin Corp. (A)	258	\$ 898
Enphase Energy, Inc. (A)	2,514	461,646
Entegris, Inc.	2,625	322,796
First Solar, Inc. (A)	2,030	183,735
FormFactor, Inc. (A)	1,518	55,346
Ichor Holdings, Ltd. (A)	384	20,659
Impinj, Inc. (A)	486	25,073
Intel Corp.	73,458	4,123,932
KLA Corp.	2,820	914,272
Kulicke & Soffa Industries, Inc.	1,388	84,946
Lam Research Corp.	2,616	1,702,231
Lattice Semiconductor Corp. (A)	2,827	158,821
MACOM Technology Solutions Holdings, Inc. (A)	1,335	85,547
Marvell Technology, Inc.	15,268	890,582
Maxeon Solar Technologies, Ltd. (A)	410	8,786
Maxim Integrated Products, Inc.	4,463	470,222
MaxLinear, Inc. (A)	1,515	64,372
Microchip Technology, Inc.	4,982	746,005
Micron Technology, Inc. (A)	20,547	1,746,084
MKS Instruments, Inc.	1,139	202,685
Monolithic Power Systems, Inc.	873	326,022
NeoPhotonics Corp. (A)	1,119	11,425
NVE Corp.	120	8,886
NVIDIA Corp.	11,439	9,152,344
ON Semiconductor Corp. (A)	8,461	323,887
Onto Innovation, Inc. (A)	982	71,725
PDF Solutions, Inc. (A)	745	13,544
Photronics, Inc. (A)	1,478	19,524
Power Integrations, Inc.	1,203	98,718
Qorvo, Inc. (A)	2,048	400,691
QUALCOMM, Inc.	20,653	2,951,933
Rambus, Inc. (A)	2,420	57,378
Semtech Corp. (A)	1,393	95,838
Silicon Laboratories, Inc. (A)	876	134,247
SiTime Corp. (A)	232	29,369
Skyworks Solutions, Inc.	2,973	570,073
SMART Global Holdings, Inc. (A)	535	25,509
SunPower Corp. (A)	3,285	95,988
Synaptics, Inc. (A)	681	105,950
Teradyne, Inc.	3,234	433,227
Texas Instruments, Inc.	16,691	3,209,679
Ultra Clean Holdings, Inc. (A)	883	47,435
Universal Display Corp.	975	216,772
Veeco Instruments, Inc. (A)	1,119	26,901
Xilinx, Inc.	4,472	646,830
		41,649,810
<b>Software – 9.5%</b>		
8x8, Inc. (A)	2,122	58,907
A10 Networks, Inc. (A)	1,809	20,369
ACI Worldwide, Inc. (A)	2,427	90,139
Adobe, Inc. (A)	8,784	5,144,262
Agilysys, Inc. (A)	564	32,075
Alarm.com Holdings, Inc. (A)	1,025	86,818
Alkami Technology, Inc. (A)	757	27,002
Altair Engineering, Inc., Class A (A)	1,540	106,214
Alteryx, Inc., Class A (A)	1,359	116,901
American Software, Inc., Class A	679	14,911
Anaplan, Inc. (A)	2,761	147,161
ANSYS, Inc. (A)	1,673	580,631
Appfolio, Inc., Class A (A)	718	101,382
Appian Corp. (A)(B)	1,411	194,365
AppLovin Corp., Class A (A)(B)	6,673	501,609
Asana, Inc., Class A (A)	2,882	178,770
Aspen Technology, Inc. (A)	1,425	195,995

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
Autodesk, Inc. (A)	4,162	\$ 1,214,888
Avalara, Inc. (A)	1,613	260,983
Avaya Holdings Corp. (A)	2,155	57,970
Benefitfocus, Inc. (A)	722	10,180
Bentley Systems, Inc., Class B (B)	4,989	323,187
Bill.com Holdings, Inc. (A)	1,427	261,398
Blackbaud, Inc. (A)	1,029	78,791
Blackline, Inc. (A)	1,170	130,186
Bottomline Technologies DE, Inc. (A)	930	34,484
Box, Inc., Class A (A)	3,163	80,815
C3.ai, Inc., Class A (A)	1,825	114,117
Cadence Design Systems, Inc. (A)	5,263	720,084
CDK Global, Inc.	2,502	124,324
Cerence, Inc. (A)	788	84,087
Ceridian HCM Holding, Inc. (A)	2,985	286,321
ChannelAdvisor Corp. (A)	697	17,083
Citrix Systems, Inc.	2,335	273,825
Cloudera, Inc. (A)	5,998	95,128
Cloudflare, Inc., Class A (A)	5,998	634,828
Cognyte Software, Ltd. (A)	1,365	33,443
CommVault Systems, Inc. (A)	969	75,747
Cornerstone OnDemand, Inc. (A)	1,274	65,713
Coupa Software, Inc. (A)	1,333	349,393
CrowdStrike Holdings, Inc., Class A (A)	4,293	1,078,874
Datadog, Inc., Class A (A)	6,130	638,010
Digimarc Corp. (A)	294	9,849
DocuSign, Inc. (A)	3,724	1,041,119
Dolby Laboratories, Inc., Class A	1,941	190,781
Domo, Inc., Class B (A)	622	50,276
DoubleVerify Holdings, Inc. (A)	265	11,220
Dropbox, Inc., Class A (A)	8,100	245,511
Duck Creek Technologies, Inc. (A)	1,484	64,569
Dynatrace, Inc. (A)	5,749	335,857
Ebix, Inc.	651	22,069
eGain Corp. (A)	755	8,667
Envestnet, Inc. (A)	1,101	83,522
Everbridge, Inc. (A)	708	96,345
Fair Isaac Corp. (A)	552	277,479
FireEye, Inc. (A)	4,573	92,466
Five9, Inc. (A)	1,276	234,006
Fortinet, Inc. (A)	3,121	743,391
Guidewire Software, Inc. (A)	1,721	193,991
HubSpot, Inc. (A)	893	520,369
Intelligent Systems Corp. (A)	199	6,261
InterDigital, Inc.	665	48,565
Intuit, Inc.	5,101	2,500,357
j2 Global, Inc. (A)	891	122,557
JFrog, Ltd. (A)(B)	1,737	79,068
KnowBe4, Inc., Class A (A)(B)	2,566	80,239
LivePerson, Inc. (A)	1,406	88,915
Manhattan Associates, Inc. (A)	1,337	193,651
McAfee Corp., Class A	8,082	226,458
Medallia, Inc. (A)	2,506	84,578
Microsoft Corp.	137,927	37,364,424
MicroStrategy, Inc., Class A (A)(B)	221	146,855
Mitek Systems, Inc. (A)	911	17,546
Model N, Inc. (A)	719	24,640
Momentive Global, Inc. (A)	2,843	59,902
NCino, Inc. (A)	995	59,620
New Relic, Inc. (A)	1,234	82,641
NortonLifeLock, Inc.	11,705	318,610
Nuance Communications, Inc. (A)	5,647	307,423
Nutanix, Inc., Class A (A)	3,956	151,198
Olo, Inc., Class A (A)(B)	1,880	70,293
OneSpan, Inc. (A)	910	23,241

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
Oracle Corp.	52,513	\$ 4,087,612
PagerDuty, Inc. (A)(B)	1,640	69,831
Palantir Technologies, Inc., Class A (A)	31,773	837,536
Palo Alto Networks, Inc. (A)	1,888	700,542
Paycom Software, Inc. (A)	1,189	432,166
Paylocity Holding Corp. (A)	1,121	213,887
Pegasystems, Inc.	1,661	231,195
Ping Identity Holding Corp. (A)	1,506	34,487
Procure Technologies, Inc. (A)(B)	693	65,800
Progress Software Corp.	952	44,030
Proofpoint, Inc. (A)	1,180	205,037
PROS Holdings, Inc. (A)	881	40,147
PTC, Inc. (A)	2,371	334,927
Q2 Holdings, Inc. (A)	1,009	103,503
Qualtrics International, Inc. (A)	7,538	288,329
Qualys, Inc. (A)	812	81,760
Rapid7, Inc. (A)	1,045	98,888
Rimini Street, Inc. (A)	1,519	9,357
RingCentral, Inc., Class A (A)	1,564	454,467
Riot Blockchain, Inc. (A)	1,338	50,402
Sailpoint Technologies Holdings, Inc. (A)	1,899	96,982
salesforce.com, Inc. (A)	17,153	4,189,963
SecureWorks Corp., Class A (A)	1,619	30,000
SEMrush Holdings, Inc., Class A (A)	1,187	27,325
ServiceNow, Inc. (A)	3,672	2,017,948
ShotSpotter, Inc. (A)	262	12,778
Slack Technologies, Inc., Class A (A)	11,350	502,805
Smartsheet, Inc., Class A (A)	2,404	173,857
SolarWinds Corp. (A)	6,524	110,190
Splunk, Inc. (A)	3,253	470,319
Sprout Social, Inc., Class A (A)	881	78,779
SPS Commerce, Inc. (A)	728	72,691
SS&C Technologies Holdings, Inc.	5,047	363,687
Synchronoss Technologies, Inc. (A)	1,177	4,225
Synopsys, Inc. (A)	2,704	745,736
Tenable Holdings, Inc. (A)	2,078	85,925
Teradata Corp. (A)	2,339	116,880
The Trade Desk, Inc., Class A (A)	9,051	700,185
Tyler Technologies, Inc. (A)	782	353,753
UiPath, Inc., Class A (A)(B)	9,678	657,427
Unity Software, Inc. (A)	5,157	566,393
Upland Software, Inc. (A)	553	22,767
Varonis Systems, Inc. (A)	1,938	111,668
Verint Systems, Inc. (A)	1,365	61,521
Veritone, Inc. (A)	355	6,997
Vertex, Inc., Class A (A)	794	17,420
Viant Technology, Inc., Class A (A)	568	16,915
VirnetX Holding Corp. (A)(B)	1,593	6,802
VMware, Inc., Class A (A)(B)	7,629	1,220,411
Vonage Holdings Corp. (A)	5,098	73,462
Workday, Inc., Class A (A)	4,681	1,117,542
Workiva, Inc. (A)	982	109,326
Xperi Holding Corp.	2,215	49,262
Yext, Inc. (A)	2,432	34,753
Zendesk, Inc. (A)	2,343	338,189
Zix Corp. (A)	1,285	9,059
Zoom Video Communications, Inc., Class A (A)	5,470	2,117,054
Zscaler, Inc. (A)	2,675	577,961
Zuora, Inc., Class A (A)	2,388	41,193
		<b>86,613,952</b>
<b>Technology hardware, storage and peripherals – 5.0%</b>		
3D Systems Corp. (A)	2,572	102,803
Apple, Inc.	305,741	41,874,287
Avid Technology, Inc. (A)	1,003	39,267



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Technology hardware, storage and peripherals (continued)</b>		
Boxlight Corp., Class A (A)	1,426	\$ 3,437
Dell Technologies, Inc., Class C (A)	13,953	1,390,696
Diebold Nixdorf, Inc. (A)	1,715	22,021
Eastman Kodak Company (A)	667	5,549
Hewlett Packard Enterprise Company	23,098	336,769
HP, Inc.	23,321	704,061
Immersion Corp. (A)	809	7,095
Intevac, Inc. (A)	745	5,021
NCR Corp. (A)	2,659	121,277
NetApp, Inc.	4,345	355,508
Pure Storage, Inc., Class A (A)	5,381	105,091
Western Digital Corp. (A)	5,790	412,074
Xerox Holdings Corp.	3,628	85,222
		45,570,178
		228,845,260
<b>Materials – 2.3%</b>		
<b>Chemicals – 1.3%</b>		
AdvanSix, Inc. (A)	524	15,647
Air Products & Chemicals, Inc.	3,825	1,100,376
Albemarle Corp.	2,196	369,938
American Vanguard Corp.	728	12,747
Amyris, Inc. (A)	4,542	74,353
Ashland Global Holdings, Inc.	1,039	90,913
Avient Corp.	1,723	84,703
Axalta Coating Systems, Ltd. (A)	4,602	140,315
Balchem Corp.	681	89,388
Cabot Corp.	1,218	69,341
Celanese Corp.	1,972	298,955
CF Industries Holdings, Inc.	4,338	223,190
Chase Corp.	194	19,906
Corteva, Inc.	14,102	625,424
CVR Nitrogen LP (A)(C)	1,086	195
Diversey Holdings Ltd. (A)	540	9,671
Dow, Inc.	14,168	896,551
DuPont de Nemours, Inc.	10,003	774,332
Eastman Chemical Company	2,543	296,895
Ecolab, Inc.	5,046	1,039,325
Ferro Corp. (A)	1,770	38,179
FMC Corp.	2,313	250,267
FutureFuel Corp.	1,090	10,464
GCP Applied Technologies, Inc. (A)	1,572	36,565
Hawkins, Inc.	532	17,423
HB Fuller Company	1,076	68,444
Huntsman Corp.	4,735	125,572
Ingevity Corp. (A)	884	71,922
Innospec, Inc.	510	46,211
International Flavors & Fragrances, Inc.	4,736	707,558
Intrepid Potash, Inc. (A)	345	10,992
Koppers Holdings, Inc. (A)	482	15,593
Kraton Corp. (A)	660	21,311
Kronos Worldwide, Inc.	2,526	36,172
Livent Corp. (A)	3,162	61,216
Marrone Bio Innovations, Inc. (A)	3,996	6,633
Minerals Technologies, Inc.	673	52,945
Olin Corp.	3,408	157,654
PPG Industries, Inc.	4,296	729,332
PQ Group Holdings, Inc.	2,904	44,605
Quaker Chemical Corp.	313	74,240
Rayonier Advanced Materials, Inc. (A)	1,194	7,988
RPM International, Inc.	2,245	199,087
Sensient Technologies Corp.	828	71,672
Stepan Company	302	36,322
The Chemours Company	3,379	117,589
The Mosaic Company	7,614	242,963
The Scotts Miracle-Gro Company	1,098	210,728

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
The Sherwin-Williams Company	4,929	\$ 1,342,906
Trecora Resources (A)	757	6,298
Tredegar Corp.	832	11,457
Trinseo SA	852	50,984
Valhi, Inc.	660	16,058
Valvoline, Inc.	3,909	126,886
W.R. Grace & Company	1,393	96,284
Westlake Chemical Corp.	2,620	236,036
Westlake Chemical Partners LP	799	21,509
Zymergen, Inc. (A)(B)	1,246	49,852
		11,660,082
<b>Construction materials – 0.1%</b>		
Eagle Materials, Inc.	850	120,794
Forterra, Inc. (A)	1,414	33,243
Martin Marietta Materials, Inc.	1,073	377,492
Summit Materials, Inc., Class A (A)	2,396	83,501
U.S. Concrete, Inc. (A)	374	27,601
United States Lime & Minerals, Inc.	134	18,638
Vulcan Materials Company	2,263	393,920
		1,055,189
<b>Containers and packaging – 0.3%</b>		
AptarGroup, Inc.	755	106,334
Avery Dennison Corp.	1,576	331,338
Ball Corp.	5,789	469,025
Berry Global Group, Inc. (A)	2,634	171,789
Crown Holdings, Inc.	2,263	231,301
Graphic Packaging Holding Company	5,879	106,645
Greif, Inc., Class A	1,049	63,517
International Paper Company	7,403	453,878
Myers Industries, Inc.	844	17,724
O-I Glass, Inc. (A)	3,338	54,510
Packaging Corp. of America	1,636	221,547
Sealed Air Corp.	3,058	181,187
Silgan Holdings, Inc.	1,469	60,964
Sonoco Products Company	1,488	99,547
Westrock Company	4,971	264,557
		2,833,863
<b>Metals and mining – 0.6%</b>		
Alcoa Corp. (A)	3,951	145,555
Allegheny Technologies, Inc. (A)	2,687	56,024
Alpha Metallurgical Resources, Inc. (A)	390	9,996
Arconic Corp. (A)	2,276	81,071
Carpenter Technology Corp.	1,071	43,076
Century Aluminum Company (A)	2,194	28,281
Cleveland-Cliffs, Inc. (A)(B)	8,361	180,263
Coeur Mining, Inc. (A)	5,000	44,400
Commercial Metals Company	2,537	77,937
Compass Minerals International, Inc.	766	45,393
Freeport-McMoRan, Inc.	27,799	1,031,621
Haynes International, Inc.	334	11,817
Hecla Mining Company	10,978	81,676
Kaiser Aluminum Corp.	367	45,321
Materion Corp.	423	31,873
Newmont Corp.	14,846	940,939
Nucor Corp.	5,621	539,223
Olympic Steel, Inc.	344	10,110
Reliance Steel & Aluminum Company	555	83,750
Royal Gold, Inc.	1,268	144,679
Ryerson Holding Corp. (A)	938	13,695
Schnitzer Steel Industries, Inc., Class A	654	32,079
Southern Copper Corp.	15,210	978,307
Steel Dynamics, Inc.	4,101	244,420
SunCoke Energy, Inc.	2,119	15,130
TimkenSteel Corp. (A)	1,209	17,107

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Metals and mining (continued)</b>		
United States Steel Corp.	3,560	\$ 85,440
Warrior Met Coal, Inc.	968	16,650
Worthington Industries, Inc.	793	48,516
		5,084,349
<b>Paper and forest products – 0.0%</b>		
Clearwater Paper Corp. (A)	390	11,298
Glatfelter Corp.	999	13,956
Louisiana-Pacific Corp.	2,277	137,280
Neenah, Inc.	345	17,309
Schweitzer-Mauduit International, Inc.	627	25,318
Verso Corp., Class A	768	13,594
		218,755
		20,852,238
<b>Real estate – 3.1%</b>		
<b>Equity real estate investment trusts – 2.9%</b>		
Acadia Realty Trust	1,860	40,846
Agree Realty Corp.	883	62,243
Alexander & Baldwin, Inc.	1,588	29,092
Alexander's, Inc.	108	28,939
Alexandria Real Estate Equities, Inc.	2,408	438,112
American Assets Trust, Inc.	1,271	47,396
American Campus Communities, Inc.	2,883	134,694
American Finance Trust, Inc.	2,393	20,293
American Homes 4 Rent, Class A	6,327	245,804
American Tower Corp.	8,153	2,202,451
Americold Realty Trust	4,031	152,573
Apartment Income REIT Corp.	3,114	147,697
Apartment Investment and Management Company, Class A	3,114	20,895
Apple Hospitality REIT, Inc.	4,752	72,516
Armada Hoffler Properties, Inc.	1,229	16,333
Ashford Hospitality Trust, Inc. (A)	2,476	11,291
AvalonBay Communities, Inc.	2,381	496,891
Bluerock Residential Growth REIT, Inc.	731	7,434
Boston Properties, Inc.	3,063	350,989
Braemar Hotels & Resorts, Inc. (A)	978	6,073
Brandywine Realty Trust	3,857	52,879
Brixmor Property Group, Inc.	6,250	143,063
BRT Apartments Corp.	385	6,676
Camden Property Trust	1,681	223,018
CareTrust REIT, Inc.	2,053	47,691
CatchMark Timber Trust, Inc., Class A	1,315	15,386
Centerspace	226	17,831
Chatham Lodging Trust (A)	1,057	13,604
CIM Commercial Trust Corp.	337	3,016
Columbia Property Trust, Inc.	2,547	44,292
Community Healthcare Trust, Inc.	472	22,401
CorePoint Lodging, Inc. (A)	1,422	15,215
CoreSite Realty Corp.	786	105,796
Corporate Office Properties Trust	2,391	66,924
Cousins Properties, Inc.	3,094	113,797
Crown Castle International Corp.	7,846	1,530,755
CubeSmart	3,975	184,122
CyrusOne, Inc.	2,372	169,645
DiamondRock Hospitality Company (A)	4,310	41,807
Digital Realty Trust, Inc.	4,963	746,733
DigitalBridge Group, Inc. (A)	10,479	82,784
Diversified Healthcare Trust	5,157	21,556
Douglas Emmett, Inc.	3,681	123,755
Duke Realty Corp.	6,680	316,298
Easterly Government Properties, Inc.	1,561	32,906
EastGroup Properties, Inc.	743	122,186
Empire State Realty Trust, Inc., Class A	3,892	46,704
EPR Properties (A)	1,636	86,184

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Equinix, Inc.	1,615	\$ 1,296,199
Equity LifeStyle Properties, Inc.	2,967	220,478
Equity Residential	6,930	533,610
Essential Properties Realty Trust, Inc.	1,463	39,560
Essex Property Trust, Inc.	1,085	325,511
Extra Space Storage, Inc.	2,406	394,151
Farmland Partners, Inc.	930	11,207
Federal Realty Investment Trust	1,572	184,191
First Industrial Realty Trust, Inc.	2,535	132,403
Four Corners Property Trust, Inc.	1,453	40,117
Franklin Street Properties Corp.	2,261	11,893
Gaming and Leisure Properties, Inc.	4,534	210,060
Getty Realty Corp.	966	30,091
Gladstone Commercial Corp.	793	17,890
Gladstone Land Corp.	706	16,986
Global Medical REIT, Inc.	854	12,605
Global Net Lease, Inc.	1,979	36,612
Healthcare Realty Trust, Inc.	2,832	85,526
Healthcare Trust of America, Inc., Class A	4,366	116,572
Healthpeak Properties, Inc.	10,353	344,651
Hersha Hospitality Trust (A)	1,005	10,814
Highwoods Properties, Inc.	2,184	98,651
Host Hotels & Resorts, Inc. (A)	14,870	254,128
Hudson Pacific Properties, Inc.	3,264	90,804
Independence Realty Trust, Inc.	2,095	38,192
Indus Realty Trust, Inc.	186	12,211
Industrial Logistics Properties Trust	1,490	38,949
Innovative Industrial Properties, Inc.	316	60,362
Invitation Homes, Inc.	10,409	388,152
Iron Mountain, Inc.	6,007	254,216
iStar, Inc.	1,236	25,622
JBG SMITH Properties	2,856	89,993
Kilroy Realty Corp.	2,218	154,462
Kimco Realty Corp.	8,845	184,418
Kite Realty Group Trust	1,853	40,785
Lamar Advertising Company, Class A	2,080	217,194
Lexington Realty Trust	5,323	63,610
Life Storage, Inc.	1,345	144,386
LTC Properties, Inc.	837	32,132
Mack-Cali Realty Corp.	1,996	34,231
Medical Properties Trust, Inc.	10,170	204,417
MGM Growth Properties LLC, Class A	2,079	76,133
Mid-America Apartment Communities, Inc.	1,956	329,430
Monmouth Real Estate Investment Corp.	2,045	38,282
National Health Investors, Inc.	880	59,004
National Retail Properties, Inc.	3,402	159,486
National Storage Affiliates Trust	1,224	61,885
New Senior Investment Group, Inc.	2,020	17,736
New York REIT Liquidating LLC (A)(C)	457	7,439
NexPoint Residential Trust, Inc.	583	32,053
Office Properties Income Trust	1,104	32,358
Omega Healthcare Investors, Inc.	4,564	165,628
One Liberty Properties, Inc.	547	15,529
Outfront Media, Inc. (A)	3,037	72,979
Paramount Group, Inc.	4,911	49,454
Park Hotels & Resorts, Inc. (A)	5,041	103,895
Pebblebrook Hotel Trust	2,802	65,987
Pennsylvania Real Estate Investment Trust (A)	968	2,410
Physicians Realty Trust	3,981	73,529
Piedmont Office Realty Trust, Inc., Class A	2,477	45,750
Plymouth Industrial REIT, Inc.	429	8,589
PotlatchDeltic Corp.	1,473	78,290

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Preferred Apartment Communities, Inc., Class A	904	\$ 8,814
Prologis, Inc.	13,428	1,605,049
PS Business Parks, Inc.	476	70,486
Public Storage	2,714	816,073
QTS Realty Trust, Inc., Class A	1,243	96,084
Rayonier, Inc.	2,839	102,005
Realty Income Corp.	6,750	450,495
Regency Centers Corp.	3,503	224,437
Retail Opportunity Investments Corp.	2,507	44,274
Retail Properties of America, Inc., Class A	4,627	52,979
Retail Value, Inc.	522	11,354
Rexford Industrial Realty, Inc.	2,347	133,662
RLJ Lodging Trust	3,635	55,361
RPT Realty	1,545	20,054
Ryman Hospitality Properties, Inc. (A)	1,080	85,277
Sabra Health Care REIT, Inc.	4,102	74,656
Safehold, Inc.	890	69,865
Saul Centers, Inc.	494	22,452
SBA Communications Corp.	1,955	623,059
Seritage Growth Properties, Class A (A)	866	15,934
Service Properties Trust	3,498	44,075
Simon Property Group, Inc.	6,099	795,798
SITE Centers Corp.	4,050	60,993
SL Green Realty Corp.	1,677	134,160
Spirit Realty Capital, Inc.	2,024	96,828
STAG Industrial, Inc.	2,912	108,996
STORE Capital Corp.	4,908	169,375
Summit Hotel Properties, Inc. (A)	2,173	20,274
Sun Communities, Inc.	1,906	326,688
Sunstone Hotel Investors, Inc. (A)	4,797	59,579
Tanger Factory Outlet Centers, Inc.	2,021	38,096
Terreno Realty Corp.	1,416	91,360
The GEO Group, Inc.	2,079	14,802
The Macerich Company	3,169	57,834
UDR, Inc.	5,943	291,088
UMH Properties, Inc.	958	20,904
Uniti Group, Inc.	4,136	43,800
Universal Health Realty Income Trust	293	18,034
Urban Edge Properties	2,581	49,297
Urstadt Biddle Properties, Inc., Class A	889	17,229
Ventas, Inc.	7,097	405,239
VEREIT, Inc.	4,377	201,036
VICI Properties, Inc.	9,506	294,876
Vornado Realty Trust	3,861	180,193
Washington Real Estate Investment Trust	1,739	39,997
Weingarten Realty Investors	2,712	86,974
Welltower, Inc.	7,667	637,128
Weyerhaeuser Company	14,797	509,313
Whitestone REIT	991	8,176
WP Carey, Inc.	3,402	253,857
Xenia Hotels & Resorts, Inc. (A)	2,429	45,495
		26,627,338
<b>Real estate management and development – 0.2%</b>		
CBRE Group, Inc., Class A (A)	6,381	547,043
Compass, Inc., Class A (A)(B)	5,320	69,905
eXp World Holdings, Inc. (A)	2,944	114,139
Five Point Holdings LLC, Class A (A)	2,953	23,860
Forestar Group, Inc. (A)	1,120	23,419
FRP Holdings, Inc. (A)	258	14,365
Jones Lang LaSalle, Inc. (A)	1,017	198,783
Kennedy-Wilson Holdings, Inc.	3,061	60,822
Landmark Infrastructure Partners LP	598	7,625
Marcus & Millichap, Inc. (A)	815	31,679
Maui Land & Pineapple Company, Inc. (A)	514	5,515

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Real estate management and development (continued)</b>		
Newmark Group, Inc., Class A	3,854	\$ 46,287
Rafael Holdings, Inc., Class B (A)	347	17,714
RE/MAX Holdings, Inc., Class A	431	14,365
Redfin Corp. (A)	1,978	125,425
Tejon Ranch Company (A)	613	9,324
The Howard Hughes Corp. (A)	903	88,006
The RMR Group, Inc., Class A	686	26,507
The St. Joe Company	1,315	58,662
		1,483,445
		28,110,783
<b>Utilities – 2.1%</b>		
<b>Electric utilities – 1.3%</b>		
ALLETE, Inc.	1,037	72,569
Alliant Energy Corp.	5,065	282,424
American Electric Power Company, Inc.	8,441	714,024
Avangrid, Inc.	5,002	257,253
Duke Energy Corp.	13,401	1,322,947
Edison International	7,481	432,551
Entergy Corp.	3,637	362,609
Eversource Energy	4,731	285,894
Exelon Corp.	6,068	486,896
FirstEnergy Corp.	17,312	767,095
Genie Energy, Ltd., B Shares	10,435	388,286
Hawaiian Electric Industries, Inc.	706	4,462
IDACORP, Inc.	2,097	88,661
MGE Energy, Inc.	972	94,770
NextEra Energy, Inc.	751	55,904
NRG Energy, Inc.	36,912	2,704,911
OGE Energy Corp.	4,878	196,583
Otter Tail Corp.	4,136	139,176
PG&E Corp. (A)	842	41,098
Pinnacle West Capital Corp.	33,695	342,678
PNM Resources, Inc.	1,796	147,218
Portland General Electric Company	1,686	82,226
PPL Corp.	1,846	85,064
Spark Energy, Inc., Class A	13,860	387,664
The Southern Company	849	9,619
Xcel Energy, Inc.	19,482	1,178,856
	9,706	639,431
		11,570,869
<b>Gas utilities – 0.1%</b>		
Atmos Energy Corp.	2,179	209,424
Chesapeake Utilities Corp.	361	43,439
National Fuel Gas Company	1,834	95,827
New Jersey Resources Corp.	1,989	78,705
Northwest Natural Holding Company	666	34,978
ONE Gas, Inc.	1,023	75,825
RGC Resources, Inc.	260	6,555
South Jersey Industries, Inc.	1,973	51,160
Southwest Gas Holdings, Inc.	848	56,129
Spire, Inc.	975	70,463
Star Group LP	997	11,166
Suburban Propane Partners LP	1,423	21,829
UGI Corp.	4,392	203,394
		958,894
<b>Independent power and renewable electricity producers – 0.1%</b>		
Brookfield Renewable Corp., Class A	435	18,244
NextEra Energy Partners LP	1,301	99,344
Ormat Technologies, Inc.	1,076	74,814
Sunnova Energy International, Inc. (A)	1,517	57,130
The AES Corp.	13,767	358,906

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Independent power and renewable electricity producers (continued)</b>		
Vistra Corp.	10,218	\$ 189,544
		797,982
<b>Multi-utilities – 0.5%</b>		
Ameren Corp.	4,077	326,323
Avista Corp.	1,415	60,378
Black Hills Corp.	1,306	85,713
CenterPoint Energy, Inc.	10,525	258,073
CMS Energy Corp.	5,182	306,153
Consolidated Edison, Inc.	5,299	380,044
Dominion Energy, Inc.	15,133	1,113,335
DTE Energy Company	3,402	440,899
MDU Resources Group, Inc.	3,916	122,727
NiSource, Inc.	7,730	189,385
NorthWestern Corp.	981	59,076
Public Service Enterprise Group, Inc.	9,192	549,130
Sempra Energy	5,251	695,652
Unitil Corp.	366	19,387
WEC Energy Group, Inc.	5,493	488,602
		5,094,877
<b>Water utilities – 0.1%</b>		
American States Water Company	757	60,227
American Water Works Company, Inc.	3,415	526,354
Artesian Resources Corp., Class A	287	10,553
Cadiz, Inc. (A)	752	10,227
California Water Service Group	1,049	58,261
Essential Utilities, Inc.	3,802	173,751
Global Water Resources, Inc.	678	11,580
Middlesex Water Company	325	26,562
Pure Cycle Corp. (A)	700	9,674
SJW Group	625	39,563
The York Water Company	347	15,719
		942,471
		19,365,093
<b>TOTAL COMMON STOCKS (Cost \$333,173,911)</b>		<b>\$ 878,078,414</b>
<b>PREFERRED SECURITIES – 0.0%</b>		
<b>Consumer discretionary – 0.0%</b>		
<b>Internet and direct marketing retail – 0.0%</b>		
Qurate Retail, Inc., 8.000%	260	28,145
<b>Energy – 0.0%</b>		
<b>Oil, gas and consumable fuels – 0.0%</b>		
Meta Materials, Inc. (A)	2,456	2,652
<b>Industrials – 0.0%</b>		
<b>Industrial conglomerates – 0.0%</b>		
Steel Partners Holdings LP, 6.000%	510	11,929
<b>TOTAL PREFERRED SECURITIES (Cost \$84,689)</b>		<b>\$ 42,726</b>
<b>CORPORATE BONDS - 0.0%</b>		
<b>Financials - 0.0%</b>		
GAMCO Investors, Inc. 4.000%, 06/15/2023	\$ 886	886
<b>TOTAL CORPORATE BONDS (Cost \$886)</b>		<b>\$ 886</b>
<b>RIGHTS – 0.0%</b>		
Pan American Silver Corp. (Expiration Date: 2-22-29) (A)(D)	7,232	6,147
<b>TOTAL RIGHTS (Cost \$6,508)</b>		<b>\$ 6,147</b>
<b>WARRANTS – 0.0%</b>		
Amplify Energy Corp. (Expiration Date: 5-4-22; Strike Price: \$42.60) (A)	57	2

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>WARRANTS (continued)</b>		
Basic Energy Services, Inc. (Expiration Date: 12-23-23; Strike Price: \$55.25) (A)		
	55	\$ 3
Battalion Oil Corp. (Expiration Date: 10-8-22; Strike Price: \$40.17) (A)(C)		
	46	6
Battalion Oil Corp. (Expiration Date: 8-10-22; Strike Price: \$48.28) (A)(C)		
	57	4
Battalion Oil Corp. (Expiration Date: 8-10-22; Strike Price: \$60.45) (A)(C)		
	74	2
Denbury, Inc. (Expiration Date: 9-18-23; Strike Price: \$35.41) (A)		
	23	961
Eagle Bulk Shipping, Inc. (Expiration Date: 10-15-21; Strike Price: \$556.40) (A)		
	101	10
FTS International, Inc. (Expiration Date: 11-19-23; Strike Price: \$33.04) (A)		
	24	195
FTS International, Inc. (Expiration Date: 11-19-23; Strike Price: \$37.14) (A)		
	62	439
Genco Shipping & Trading, Ltd. (Expiration Date: 7-9-21; Strike Price: \$195.15) (A)		
	92	5
Hycroft Mining Holding Corp. (Expiration Date: 10-22-22) (A)(D)		
	196	94
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)		
	77	770
Oasis Petroleum, Inc. (Expiration Date: 11-19-24; Strike Price: \$94.57) (A)		
	31	682
Tidewater, Inc., Class A (Expiration Date: 7-31-23; Strike Price: \$57.06) (A)		
	66	80
Tidewater, Inc., Class B (Expiration Date: 7-31-23; Strike Price: \$62.28) (A)		
	71	70
<b>TOTAL WARRANTS (Cost \$139,061)</b>		<b>\$ 3,323</b>
<b>SHORT-TERM INVESTMENTS – 4.3%</b>		
<b>U.S. Government – 0.5%</b>		
U.S. Treasury Bill 0.023%, 09/09/2021 *		
	\$ 5,000,000	4,999,538
<b>U.S. Government Agency – 1.7%</b>		
Federal Home Loan Bank Discount Note 0.011%, 08/06/2021 *		
	3,000,000	2,999,880
0.035%, 08/25/2021 *		
	12,000,000	11,999,267
		14,999,147
<b>Short-term funds – 1.0%</b>		
John Hancock Collateral Trust, 0.0324% (E)(F)		
	922,812	9,232,360
<b>Repurchase agreement – 1.1%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-21 at 0.000% to be repurchased at \$9,597,000 on 7-1-21, collateralized by \$10,114,800 U.S. Treasury Notes, 0.500% due 5-31-27 (valued at \$9,789,031)		
	\$ 9,597,000	9,597,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$38,828,673)</b>		<b>\$ 38,828,045</b>
<b>Total Investments (Total Stock Market Index Trust) (Cost \$372,233,728) – 100.9%</b>		
		<b>\$ 916,959,541</b>
<b>Other assets and liabilities, net – (0.9%)</b>		
		<b>(8,502,794)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 908,456,747</b>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2021 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

### Security Abbreviations and Legend

- (A) Non-income producing security.  
(B) All or a portion of this security is on loan as of 6-30-21.  
(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.

## Total Stock Market Index Trust (continued)

- (E) The rate shown is the annualized seven-day yield as of 6-30-21.  
(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.

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Russell 2000 E-Mini Index Futures	46	Long	Sep 2021	\$5,286,243	\$5,307,940	\$21,697
S&P 500 Index E-Mini Futures	124	Long	Sep 2021	26,254,712	26,589,320	334,608
						<b>\$356,305</b>

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

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