

SECURITIES AND EXCHANGE COMMISSION

FORM NPORT-P

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FILER

John Hancock Funds II

CIK: [1331971](#) | IRS No.: **000000000** | State of Incorporation: **MA** | Fiscal Year End: **0831**
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Mailing Address

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BOSTON MA 02116*

Business Address

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200 BERKELEY STREET
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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Asia Pacific Total Return Bond Fund

		Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS - 40.0%			
India - 1.1%			
Republic of India			
7.590%, 01/11/2026	INR	150,000,000	\$ 2,147,611
Indonesia - 17.9%			
Republic of Indonesia			
3.700%, 10/30/2049	\$	1,500,000	1,539,239
3.850%, 10/15/2030		2,513,000	2,776,277
4.750%, 02/11/2029 to 07/18/2047		5,000,000	5,783,654
6.125%, 05/15/2028	IDR	120,000,000,000	7,608,663
6.625%, 05/15/2033		86,945,000,000	5,328,406
7.000%, 05/15/2027 to 09/15/2030		74,000,000,000	4,955,035
8.375%, 03/15/2024 to 04/15/2039		113,000,000,000	8,014,437
			36,005,711
Malaysia - 7.1%			
Government of Malaysia			
3.418%, 08/15/2022	MYR	7,500,000	1,769,031
3.757%, 04/20/2023		26,000,000	6,217,515
4.181%, 07/15/2024		18,000,000	4,416,622
4.392%, 04/15/2026		8,000,000	2,013,723
			14,416,891
Philippines - 1.7%			
Republic of the Philippines			
3.625%, 09/09/2025	PHP	42,233,286	867,373
3.900%, 11/26/2022		131,000,000	2,573,742
			3,441,115
Singapore - 1.1%			
Republic of Singapore			
2.750%, 07/01/2023	SGD	3,000,000	2,281,877
South Korea - 9.1%			
Export-Import Bank of Korea			
6.200%, 08/07/2021	INR	137,000,000	1,813,824
Republic of Korea			
1.875%, 06/10/2029	KRW	7,000,000,000	5,881,716
2.000%, 09/10/2022		4,800,000,000	3,978,752
2.375%, 03/10/2023		8,000,000,000	6,723,733
			18,398,025

Asia Pacific Total Return Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Hong Kong (continued)		
Bangkok Bank PCL (3.733% to 9-25-29, then 5 Year CMT + 1.900%) 09/25/2034 (A)		
	\$ 1,053,000	\$ 992,497
Chong Hing Bank, Ltd. (3.876% to 7-26-22, then 5 Year CMT + 2.030%) 07/26/2027		
	3,000,000	2,903,085
CMB Wing Lung Bank, Ltd. (3.750% to 11-22-22, then 5 Year CMT + 1.750%) 11/22/2027		
	3,000,000	3,052,770
CNAC HK Finbridge Company, Ltd. 3.875%, 06/19/2029		
	3,000,000	3,153,888
Coastal Emerald, Ltd. (4.300% to 8-1-24, then 5 Year CMT + 7.445%) 08/01/2024 (B)		
	3,000,000	3,001,872
Concord New Energy Group, Ltd. 7.900%, 01/23/2021		
	3,000,000	2,701,355
Far East Horizon, Ltd. (3 month LIBOR + 2.000%) 3.436%, 07/03/2021 (C)		
	2,300,000	2,259,798
GET International Investment Holdings, Ltd. 3.750%, 07/18/2022		
	1,151,000	1,148,166
Kasikornbank PCL (3.343% to 10-2-26, then 5 Year CMT + 1.700%) 10/02/2031		
	1,700,000	1,597,244
Shanghai Commercial Bank, Ltd. (3.750% to 11-29-22, then 5 Year CMT + 1.705%) 11/29/2027		
	3,000,000	3,013,740
Weichai International Hong Kong Energy Group Company, Ltd. (3.750% to 9-14-22, then 5 Year CMT + 6.084%) 09/14/2022 (B)		
	2,730,000	2,710,890
Yingde Gases Investment, Ltd. 6.250%, 01/19/2023 (A)		
	2,800,000	2,858,133
Zoomlion HK SPV Company, Ltd. 6.125%, 12/20/2022		
	2,500,000	2,500,000
		33,694,003
India - 6.1%		

Thailand - 2.0%			
Kingdom of Thailand			
1.200%, 07/14/2021	THB	129,865,200	3,953,660
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$83,501,486)			
		\$	80,644,890
CORPORATE BONDS - 60.3%			
China - 8.4%			
21 Vianet Group, Inc.			
7.875%, 10/15/2021	\$	2,000,000	1,967,510
China Aoyuan Group, Ltd.			
7.950%, 09/07/2021		2,500,000	2,537,523
China Hongqiao Group, Ltd.			
7.125%, 07/22/2022		1,700,000	1,557,965
China SCE Group Holdings, Ltd.			
7.375%, 04/09/2024		3,000,000	2,850,862
Logan Property Holdings Company, Ltd.			
5.750%, 01/14/2025		1,500,000	1,462,930
Longfor Group Holdings, Ltd.			
3.950%, 09/16/2029		2,400,000	2,421,041
Yuzhou Properties Company, Ltd.			
8.300%, 05/27/2025		1,300,000	1,194,958
Zhenro Properties Group, Ltd.			
8.650%, 01/21/2023		3,000,000	3,000,622
			16,993,411
Hong Kong - 16.7%			
AIA Group, Ltd.			
4.875%, 03/11/2044		1,488,000	1,800,565
Greenko Investment Company			
4.875%, 08/16/2023		2,100,000	2,000,860
Indian Railway Finance Corp., Ltd.			
3.950%, 02/13/2050 (A)		2,611,000	2,438,245
3.950%, 02/13/2050		2,000,000	1,867,671
NTPC, Ltd.			
3.750%, 04/03/2024		1,000,000	1,025,976
4.250%, 02/26/2026		2,000,000	2,094,253
Oil India, Ltd.			
5.125%, 02/04/2029		824,000	863,355
ReNew Power Synthetic			
6.670%, 03/12/2024		2,000,000	1,946,237
			12,236,597
Indonesia - 6.9%			
ABM Investama Tbk PT			
7.125%, 08/01/2022 (A)		2,800,000	1,540,014
Adaro Indonesia PT			
4.250%, 10/31/2024 (A)		2,217,000	2,011,928
Bayan Resources Tbk PT			
6.125%, 01/24/2023 (A)		2,157,000	1,881,615
Chandra Asri Petrochemical Tbk PT			
4.950%, 11/08/2024		2,500,000	2,300,684
Jasa Marga Persero Tbk PT			
7.500%, 12/11/2020 (A)	IDR11,300,000,000		748,916

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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Asia Pacific Total Return Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Indonesia (continued)		
Pertamina Persero PT		
4.175%, 01/21/2050	\$ 2,500,000	\$ 2,448,130
Perusahaan Listrik Negara PT		
6.150%, 05/21/2048	2,500,000	2,947,250
		13,878,537
Isle of Man - 1.2%		

Asia Pacific Total Return Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States - 2.3%		
Incitec Pivot Finance LLC		
3.950%, 08/03/2027	\$ 2,225,000	\$ 2,305,550
Resorts World Las Vegas LLC		
4.625%, 04/16/2029 (A)	2,000,000	1,885,327
4.625%, 04/16/2029	600,000	565,598
		4,756,475
Virgin Islands, British - 1.8%		

Gohl Capital, Ltd. 4.250%, 01/24/2027	2,500,000	2,464,607	Franshion Brilliant, Ltd. (4.000% to 1-3-23, then 5 Year CMT + 5.238%) 01/03/2023 (B)	2,000,000	1,951,377
Japan - 0.3%			New Metro Global, Ltd. 6.500%, 04/23/2021	1,600,000	1,597,961
Nippon Life Insurance Company (3.400% to 1-23-30, then 5 Year CMT + 2.612%) 01/23/2050 (A)	672,000	685,924			3,549,338
Malaysia - 2.0%			TOTAL CORPORATE BONDS (Cost \$125,490,043)		\$ 121,651,794
Press Metal Labuan, Ltd. 4.800%, 10/30/2022	2,800,000	2,438,014	SHORT-TERM INVESTMENTS - 1.7%		
SD International Sukuk, Ltd. 6.300%, 05/09/2022	2,000,000	1,560,050	Short-term funds - 1.7%		
		3,998,064	Federated Government Obligations Fund, Institutional Class, 0.0914% (D)	3,397,086	3,397,086
Mauritius - 1.4%			TOTAL SHORT-TERM INVESTMENTS (Cost \$3,397,086)		\$ 3,397,086
UPL Corp., Ltd. 4.500%, 03/08/2028	3,000,000	2,899,426	Total Investments (Asia Pacific Total Return Bond Fund) (Cost \$212,388,615) - 102.0%		\$ 205,693,770
Singapore - 5.5%			Other assets and liabilities, net - (2.0%)		(4,111,742)
Indika Energy Capital III Pte, Ltd. 5.875%, 11/09/2024 (A)	1,200,000	1,014,688	TOTAL NET ASSETS - 100.0%		\$ 201,582,028
5.875%, 11/09/2024	1,800,000	1,522,033			
Medco Oak Tree Pte, Ltd. 7.375%, 05/14/2026 (A)	2,160,000	1,808,913	Currency Abbreviations		
Oil India International Pte, Ltd. 4.000%, 04/21/2027	1,040,000	1,014,658	IDR Indonesian Rupiah		
Singapore Post, Ltd. (4.250% to 3-2-22, then 10 Year Singapore Swap Offered Rate + 3.692%) 03/02/2022 (B)	SGD 5,000,000	3,546,762	INR Indian Rupee		
TBLA International Pte, Ltd. 7.000%, 01/24/2023	\$ 2,500,000	2,138,943	KRW Korean Won		
		11,045,997	MYR Malaysian Ringgit		
South Korea - 5.3%			PHP Philippine Peso		
DB Insurance Company, Ltd. 3.865%, 05/25/2027	KRW 8,000,000,000	7,095,139	SGD Singapore Dollar		
The Korea Development Bank 7.000%, 11/30/2022 (A)	IDR52,000,000,000	3,512,936	THB Thai Bhat		
		10,608,075	Security Abbreviations and Legend		
Supranational - 2.4%			CMT Constant Maturity Treasury		
Asian Development Bank 6.450%, 08/08/2021	INR 360,000,000	4,841,340	LIBOR London Interbank Offered Rate		
			(A) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$21,379,136 or 10.6% of the fund's net assets as of 5-31-20.		
			(B) Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.		
			(C) Variable rate obligation. The coupon rate shown represents the rate at period end.		
			(D) The rate shown is the annualized seven-day yield as of 5-31-20.		

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
10-Year U.S. Treasury Note Futures	330	Short	Sep 2020	\$(45,763,601)	\$(45,890,625)	\$(127,024)
						\$(127,024)

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

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Capital Appreciation Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 99.6%		
Communication services – 14.6%		
Entertainment – 4.1%		
Netflix, Inc. (A)	166,482	\$ 69,877,490
Spotify Technology SA (A)	28,072	5,079,067
		74,956,557
Interactive media and services – 10.5%		
Alphabet, Inc., Class A (A)	32,406	46,454,649
Alphabet, Inc., Class C (A)	32,330	46,196,984
Facebook, Inc., Class A (A)	302,690	68,132,492
Tencent Holdings, Ltd.	529,449	28,672,765
		189,456,890
		264,413,447
Consumer discretionary – 20.8%		
Automobiles – 3.2%		
Tesla, Inc. (A)(B)	68,647	57,320,245
Hotels, restaurants and leisure – 1.5%		
Chipotle Mexican Grill, Inc. (A)	26,810	26,914,827
Internet and direct marketing retail – 9.4%		
Alibaba Group Holding, Ltd., ADR (A)	177,185	36,746,397
Amazon.com, Inc. (A)	54,452	132,991,933
		169,738,330
Specialty retail – 1.7%		
The Home Depot, Inc. (B)	125,154	31,098,266
Textiles, apparel and luxury goods – 5.0%		
Kering SA	37,101	19,450,564
Lululemon Athletica, Inc. (A)	145,729	43,732,544
NIKE, Inc., Class B	279,149	27,518,508

Capital Appreciation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Eli Lilly & Company	202,645	\$ 30,994,553
		72,406,414
		175,570,717
Industrials – 3.5%		
Aerospace and defense – 0.9%		
The Boeing Company	112,485	16,405,937
Road and rail – 2.6%		
Uber Technologies, Inc. (A)	910,442	33,067,253
Union Pacific Corp.	80,994	13,757,641
		46,824,894
		63,230,831
Information technology – 43.6%		
IT services – 14.4%		
Adyen NV (A)(C)	28,139	36,898,152
FleetCor Technologies, Inc. (A)	38,819	9,463,684
Mastercard, Inc., Class A	218,203	65,655,101
PayPal Holdings, Inc. (A)	243,018	37,670,220
Shopify, Inc., Class A (A)	48,500	36,753,300
Twilio, Inc., Class A (A)(B)	108,437	21,427,151
Visa, Inc., Class A (B)	272,156	53,135,737
		261,003,345
Semiconductors and semiconductor equipment – 3.8%		
NVIDIA Corp.	167,012	59,292,600
QUALCOMM, Inc.	103,039	8,333,794
		67,626,394
Software – 20.8%		
Adobe, Inc. (A)	141,174	54,577,868
Atlassian Corp. PLC, Class A (A)	94,900	17,584,970
Coupa Software, Inc. (A)(B)	74,242	16,890,797
CrowdStrike Holdings, Inc., Class A (A)	184,083	16,164,328
Microsoft Corp.	575,334	105,429,956
RingCentral, Inc., Class A (A)	74,921	20,547,084
salesforce.com, Inc. (A)	350,897	61,333,287
ServiceNow, Inc. (A)	43,752	16,972,713
Splunk, Inc. (A)	160,707	29,865,789
The Trade Desk, Inc., Class A (A)(B)	47,524	14,806,577

		90,701,616	Workday, Inc., Class A (A)(B)	119,148	21,855,318
		375,773,284			376,028,687
Consumer staples – 4.0%			Technology hardware, storage and peripherals – 4.6%		
Beverages – 0.7%			Apple, Inc.	262,251	83,380,083
Constellation Brands, Inc., Class A	68,488	11,827,878			788,038,509
Food and staples retailing – 1.7%			Real estate – 0.7%		
Costco Wholesale Corp.	99,974	30,838,980	Equity real estate investment trusts – 0.7%		
Personal products – 1.6%			American Tower Corp.	49,484	12,775,284
The Estee Lauder Companies, Inc., Class A	151,286	29,874,446	TOTAL COMMON STOCKS (Cost \$696,767,703)		\$ 1,801,847,115
		72,541,304	SHORT-TERM INVESTMENTS – 3.4%		
Financials – 2.7%			Short-term funds – 3.4%		
Capital markets – 2.7%			John Hancock Collateral Trust, 0.3653% (D)(E)	6,236,222	62,435,182
S&P Global, Inc.	78,789	25,608,001	TOTAL SHORT-TERM INVESTMENTS (Cost \$62,403,344)		\$ 62,435,182
The Goldman Sachs Group, Inc.	121,613	23,895,738	Total Investments (Capital Appreciation Fund) (Cost \$759,171,047) – 103.0%		\$ 1,864,282,297
		49,503,739	Other assets and liabilities, net – (3.0%)		(54,841,641)
Health care – 9.7%			TOTAL NET ASSETS – 100.0%		\$ 1,809,440,656
Biotechnology – 2.2%					
BioMarin Pharmaceutical, Inc. (A)	122,463	13,048,433	Security Abbreviations and Legend		
Vertex Pharmaceuticals, Inc. (A)(B)	93,705	26,983,292	ADR American Depositary Receipt		
		40,031,725	(A) Non-income producing security.		
Health care equipment and supplies – 2.5%			(B) All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$61,122,478.		
Boston Scientific Corp. (A)	227,338	8,636,571			
Danaher Corp.	62,667	10,440,949			
DexCom, Inc. (A)(B)	49,892	18,874,643			
Intuitive Surgical, Inc. (A)(B)	13,068	7,579,832			
		45,531,995			
Health care providers and services – 0.3%					
Guardant Health, Inc. (A)	65,516	5,921,991			
Life sciences tools and services – 0.7%					
Illumina, Inc. (A)	32,168	11,678,592			
Pharmaceuticals – 4.0%					
AstraZeneca PLC, ADR (B)	758,459	41,411,861			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Capital Appreciation Fund (continued)

- (C) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
- (D) The rate shown is the annualized seven-day yield as of 5-31-20.
- (E) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Capital Appreciation Value Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 64.6%		
Communication services – 3.5%		
Interactive media and services – 3.5%		
Alphabet, Inc., Class A (A)	1	\$ 1,434
Alphabet, Inc., Class C (A)(B)	19,292	27,566,725
Facebook, Inc., Class A (A)	85,600	19,267,704
		<u>46,835,863</u>
Consumer discretionary – 7.6%		
Auto components – 0.6%		
Aptiv PLC (B)	107,059	8,066,896
Hotels, restaurants and leisure – 5.1%		
Hilton Worldwide Holdings, Inc. (B)	346,574	27,486,784
Marriott International, Inc., Class A	164,389	14,548,427
Yum! Brands, Inc. (B)	294,217	26,400,091
		<u>68,435,302</u>
Internet and direct marketing retail – 1.9%		
Amazon.com, Inc. (A)	10,364	25,312,723
		<u>101,814,921</u>
Consumer staples – 2.4%		
Beverages – 2.4%		
Keurig Dr. Pepper, Inc.	1,154,557	32,235,231
Financials – 5.6%		
Banks – 1.2%		
The PNC Financial Services Group, Inc.	140,814	16,058,429
Capital markets – 1.6%		

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
Waste Connections, Inc.	79,069	\$ 7,435,649
		<u>9,578,767</u>
Industrial conglomerates – 5.1%		
General Electric Company	7,642,001	50,207,947
Roper Technologies, Inc. (B)	44,284	17,439,039
		<u>67,646,986</u>
Machinery – 3.2%		
Fortive Corp.	501,664	30,591,471
Ingersoll Rand, Inc. (A)	423,123	11,932,069
		<u>42,523,540</u>
		119,749,293
Information technology – 14.0%		
Electronic equipment, instruments and components – 0.6%		
TE Connectivity, Ltd.	94,168	7,651,150
IT services – 6.4%		
Fiserv, Inc. (A)	307,712	32,854,410
Global Payments, Inc. (B)	143,715	25,795,405
Visa, Inc., Class A (B)	135,522	26,459,315
		<u>85,109,130</u>
Semiconductors and semiconductor equipment – 2.9%		
Maxim Integrated Products, Inc.	228,491	13,179,361
NXP Semiconductors NV (B)	269,330	25,882,613
		<u>39,061,974</u>
Software – 4.1%		
Microsoft Corp. (B)	302,700	55,469,768
		<u>187,292,022</u>
Materials – 1.3%		
Chemicals – 1.3%		
Linde PLC	86,417	17,485,616
Utilities – 7.6%		
Electric utilities – 4.7%		
Alliant Energy Corp.	19,476	961,335
American Electric Power Company, Inc.	449,526	38,322,092
NextEra Energy, Inc. (B)	32,514	8,309,278
Xcel Energy, Inc. (B)	224,766	14,616,533
		<u>62,209,238</u>
Multi-utilities – 2.9%		
Ameren Corp.	281,070	21,004,361
NiSource, Inc.	759,586	18,100,934
		<u>39,105,295</u>
		101,314,533
TOTAL COMMON STOCKS (Cost \$710,600,621)		\$ 862,944,548
PREFERRED SECURITIES – 4.6%		
Financials – 1.4%		
Banks – 1.3%		

Intercontinental Exchange, Inc.	222,459	21,634,138	JPMorgan Chase & Co., 5.750%	13,406	361,158
Insurance – 2.8%			U.S. Bancorp, 5.500%	45,103	1,232,665
Marsh & McLennan Companies, Inc.	344,423	36,481,284	U.S. Bancorp (6.500% to 1-15-22, then 3 month LIBOR + 4.468%)	27,000	722,250
			Wells Fargo & Company, 7.500%	11,325	15,288,750
		74,173,851			17,604,823
Health care – 13.6%			Capital markets – 0.1%		
Health care equipment and supplies – 5.7%			The Charles Schwab Corp., 5.950%	8,000	210,400
Alcon, Inc. (A)	304,367	19,703,428	The Charles Schwab Corp., 6.000%	49,668	1,263,057
Becton, Dickinson and Company (B)	85,021	20,994,236			1,473,457
Boston Scientific Corp. (A)	46,496	1,766,383			19,078,280
Danaher Corp.	149,953	24,983,669	Health care – 1.0%		
Envista Holdings Corp. (A)(C)	394,416	8,337,954			
		75,785,670			
Health care providers and services – 3.5%					
Humana, Inc. (B)	65,306	26,817,909			
UnitedHealth Group, Inc.	65,690	20,025,597			
		46,843,506			
Life sciences tools and services – 4.4%					
Avantor, Inc. (A)(B)	361,940	6,866,002			
PerkinElmer, Inc.	273,070	27,435,343			
Thermo Fisher Scientific, Inc.	71,917	25,112,697			
		59,414,042			
		182,043,218			
Industrials – 9.0%					
Commercial services and supplies – 0.7%					
Cintas Corp.	8,643	2,143,118			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Shares or Principal Amount	Value
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Capital Appreciation Value Fund (continued)

Shares or Principal Amount	Value
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CORPORATE BONDS (continued)

PREFERRED SECURITIES (continued)			Consumer discretionary (continued)		
Health care equipment and supplies – 0.2%			KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC		
Boston Scientific Corp., 5.500%	19,651	\$ 2,145,614	4.750%, 06/01/2027 (D)	\$ 5,280,000	\$ 5,473,723
Life sciences tools and services – 0.8%			5.000%, 06/01/2024 (D)	2,635,000	2,697,160
Avantor, Inc., 6.250%	177,051	11,377,297	5.250%, 06/01/2026 (D)	3,813,000	3,965,520
		13,522,911	Marriott International, Inc.		
Industrials – 0.2%			3.125%, 06/15/2026	415,000	395,203
Machinery – 0.2%			Marriott International, Inc. (3 month LIBOR + 0.650%)		
Fortive Corp., 5.000%	3,052	2,456,097	1.649%, 03/08/2021 (E)	575,000	565,656
Utilities – 2.0%			Service Corp. International		
Electric utilities – 0.9%			5.375%, 05/15/2024	1,475,000	1,508,188
Alabama Power Company, 5.000%	50,000	1,381,500	Six Flags Entertainment Corp.		
American Electric Power Company, Inc., 6.125% (C)	32,088	1,677,561	4.875%, 07/31/2024 (D)	2,495,000	2,345,300
Duke Energy Corp., 5.625%	103,700	2,867,305	5.500%, 04/15/2027 (D)	2,322,000	2,159,460
NextEra Energy, Inc., 5.279%	79,682	3,542,662	Yum! Brands, Inc.		
SCE Trust III (5.750% to 3-15-24, then 3 month LIBOR + 2.990%)	4,172	96,582	3.750%, 11/01/2021	3,635,000	3,675,894
SCE Trust IV (5.375% to 9-15-25, then 3 month LIBOR + 3.132%)	103,538	2,292,331	3.875%, 11/01/2020 to 11/01/2023	3,785,000	3,810,906
		11,857,941	4.750%, 01/15/2030 (D)	420,000	435,380
Multi-utilities – 1.1%			5.350%, 11/01/2043	3,109,000	3,015,730
CMS Energy Corp., 5.875%	140,644	3,800,201	6.875%, 11/15/2037	925,000	971,250
CMS Energy Corp., 5.875%	191,300	5,090,493			37,487,785
DTE Energy Company, 5.250%	105,300	2,737,800	Energy - 0.1%		
NiSource, Inc. (6.500% to 3-15-24, then 5 Year CMT + 3.632%)	99,030	2,609,441	NuStar Logistics LP		
		14,237,935	4.800%, 09/01/2020	1,020,000	1,028,288
		26,095,876	Financials - 1.0%		
TOTAL PREFERRED SECURITIES (Cost \$57,219,612)	\$	61,153,164	HUB International, Ltd.		
CORPORATE BONDS - 11.3%			7.000%, 05/01/2026 (D)	3,066,000	3,148,997
Communication services - 3.6%			Refinitiv US Holdings, Inc.		
CCO Holdings LLC			6.250%, 05/15/2026 (D)	1,620,000	1,729,350
4.000%, 03/01/2023 (D)	\$ 1,235,000	1,244,287	8.250%, 11/15/2026 (D)	1,935,000	2,113,988
5.000%, 02/01/2028 (D)	7,312,000	7,658,369	State Street Corp. (5.250% to 9-15-20, then 3 month LIBOR + 3.597%)		
5.125%, 05/01/2027 (D)	4,930,000	5,176,599	09/15/2020 (F)	1,550,000	1,460,875
5.875%, 04/01/2024 (D)	1,890,000	1,941,578	The Bank of New York Mellon Corp. (4.625% to 9-20-26, then 3 month LIBOR + 3.131%)		
Charter Communications Operating LLC			09/20/2026 (F)	810,000	789,750
3.579%, 07/23/2020	575,000	575,029	The Bank of New York Mellon Corp. (4.950% to 9-20-20, then 3 month LIBOR + 3.420%)		
Level 3 Financing, Inc.			09/20/2020 (F)	1,450,000	1,352,778
5.375%, 08/15/2022	414,000	414,985	The PNC Financial Services Group, Inc. (5.000% to 11-1-26, then 3 month LIBOR + 3.300%)		
Netflix, Inc.			11/01/2026 (F)	1,660,000	1,660,000
4.375%, 11/15/2026	4,960,000	5,254,525	U.S. Bancorp (5.300% to 4-15-27, then 3 month LIBOR + 2.914%)		
4.875%, 04/15/2028	5,810,000	6,202,175	04/15/2027 (F)	540,000	544,050
5.500%, 02/15/2022	350,000	366,958	USI, Inc.		
5.875%, 02/15/2025 to 11/15/2028	10,243,000	11,618,328	6.875%, 05/01/2025 (D)	575,000	589,139
6.375%, 05/15/2029	4,450,000	5,217,625			13,388,927
Sirius XM Radio, Inc.			Health care - 1.5%		
4.625%, 05/15/2023 (D)	1,170,000	1,172,785	Avantor, Inc.		
T-Mobile USA, Inc.			6.000%, 10/01/2024 (D)	2,870,000	3,012,897
6.000%, 03/01/2023	715,000	722,400			
6.500%, 01/15/2026	330,000	348,249			
		47,913,892			

Consumer discretionary - 2.8%			9.000%, 10/01/2025 (D)	11,776,000	12,718,080
Cedar Fair LP			Elanco Animal Health, Inc.		
5.250%, 07/15/2029 (D)	1,925,000	1,819,837	4.662%, 08/27/2021	1,775,000	1,806,063
5.375%, 06/01/2024 to 04/15/2027	4,588,000	4,368,578	Hologic, Inc.		
Hilton Domestic Operating Company, Inc.			4.375%, 10/15/2025 (D)	905,000	925,172
4.250%, 09/01/2024	280,000	280,000	Teleflex, Inc.		
			4.625%, 11/15/2027	707,000	737,309

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Teleflex, Inc. (continued)		
4.875%, 06/01/2026	\$ 1,311,000	\$ 1,350,330
		20,549,851
Industrials - 0.9%		
Continental Airlines 2012-1 Class A Pass Through Trust		
4.150%, 04/11/2024	871,774	793,524
General Electric Company (5.000% to 1-21-21, then 3 month LIBOR + 3.330%)		
01/21/2021 (F)	6,766,000	5,190,875
Korn Ferry		
4.625%, 12/15/2027 (D)	480,000	439,200
Lennox International, Inc.		
3.000%, 11/15/2023	510,000	524,091
Sensata Technologies BV		
4.875%, 10/15/2023 (D)	1,057,000	1,086,068
5.000%, 10/01/2025 (D)	975,000	1,011,563
5.625%, 11/01/2024 (D)	415,000	434,156
Sensata Technologies UK Financing Company PLC		
6.250%, 02/15/2026 (D)	350,000	368,375
US Airways 2010-1 Class A Pass Through Trust		
6.250%, 04/22/2023	41,897	34,146
US Airways 2012-2 Class A Pass Through Trust		
4.625%, 06/03/2025	171,129	136,047
US Airways 2012-2 Class B Pass Through Trust		
6.750%, 06/03/2021	239,336	173,518
US Airways 2013-1 Class A Pass Through Trust		
3.950%, 11/15/2025	400,894	322,720

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities - 0.2%		
NiSource, Inc. (5.650% to 6-15-23, then 5 Year CMT + 2.843%)		
06/15/2023 (F)	\$ 2,650,000	\$ 2,517,500
TOTAL CORPORATE BONDS (Cost \$147,888,991)		\$ 151,548,706
TERM LOANS (G) - 8.0%		
Communication services - 0.1%		
Formula One Management, Ltd., 2018 USD Term Loan B (1 month LIBOR + 2.500%)		
3.500%, 02/01/2024	2,265,000	2,131,931
Consumer discretionary - 0.1%		
Four Seasons Hotels, Ltd., New 1st Lien Term Loan (1 month LIBOR + 2.000%)		
2.174%, 11/30/2023	992,513	944,307
Life Time, Inc., 2017 Term Loan B TBD 06/10/2022 (H)	75,000	66,094
		1,010,401
Consumer staples - 0.3%		
Prestige Brands, Inc., Term Loan B4 (1 month LIBOR + 2.000%)		
2.174%, 01/26/2024	104,052	101,927
Sunshine Luxembourg VII Sarl, USD Term Loan B1 (6 month LIBOR + 4.250%)		
5.322%, 10/01/2026	4,406,200	4,216,205
		4,318,132
Financials - 4.7%		
Alliant Holdings Intermediate LLC, 2018 Term Loan B (1 month LIBOR + 2.750%)		
2.924%, 05/09/2025	237,087	225,852

US Airways 2013-1 Class B Pass Through Trust 5.375%, 11/15/2021	316,614	224,043	AmWINS Group, Inc., 2017 Term Loan B (1 month LIBOR + 2.750%) 3.750%, 01/25/2024	437,734	429,710
Welbilt, Inc. 9.500%, 02/15/2024	1,692,000	1,522,800	Emerald TopCo, Inc., Term Loan (1 and 3 month LIBOR + 3.500%) 4.259%, 07/24/2026	3,099,419	2,970,794
Xylem, Inc. 4.875%, 10/01/2021	100,000	105,215	HUB International, Ltd., 2018 Term Loan B (3 month LIBOR + 3.000%) 4.020%, 04/25/2025	21,022,610	20,210,717
		12,366,341	HUB International, Ltd., 2019 Incremental Term Loan B (3 month LIBOR + 4.000%) 5.000%, 04/25/2025	3,491,250	3,412,802
Information technology - 0.7%			Refinitiv US Holdings, Inc., 2018 USD Term Loan (1 month LIBOR + 3.250%) 3.424%, 10/01/2025	29,257,779	28,798,140
Fiserv, Inc. 2.700%, 06/01/2020	1,590,000	1,590,000	USI, Inc. 2020 Term Loan TBD 12/02/2026 (H)	1,375,000	1,292,500
Solera LLC 10.500%, 03/01/2024 (D)	8,115,000	8,246,869	USI, Inc., 2017 Repriced Term Loan (1 month LIBOR + 3.000%) 3.174%, 05/16/2024	5,234,375	5,021,074
		9,836,869			62,361,589
Materials - 0.2%			Health care – 0.6%		
Reynolds Group Issuer, Inc. 5.125%, 07/15/2023 (D)	1,000,000	1,012,500	CPI Holdco LLC, 2019 Term Loan (3 month LIBOR + 4.250%) 5.700%, 11/04/2026	420,000	405,825
Reynolds Group Issuer, Inc. (3 month LIBOR + 3.500%) 4.719%, 07/15/2021 (D)(E)	1,410,000	1,399,425	Dino Grandparent, Inc., 2019 Term Loan A3 (1 month LIBOR + 2.250%) 2.688%, 02/20/2023	3,450,000	3,312,000
		2,411,925			
Real estate - 0.3%					
SBA Communications Corp. 3.875%, 02/15/2027 (D)	720,000	731,088			
4.000%, 10/01/2022	2,000,000	2,027,920			
4.875%, 09/01/2024	1,255,000	1,288,320			
		4,047,328			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (G)(continued)		
Health care (continued)		
Loire Finco Luxembourg Sarl, Term Loan (1 month LIBOR + 3.500%) 3.674%, 04/21/2027	\$ 4,275,000	\$ 4,037,225
		7,755,050
Industrials – 0.1%		
Filtration Group Corp., 2018 1st Lien Term Loan (1 month LIBOR + 3.000%) 3.174%, 03/29/2025	470,000	455,703

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS (continued)		
Short-term funds (continued)		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (I)	9,698,216	\$ 9,698,216
T. Rowe Price Government Reserve Fund, 0.2523% (I)	144,555,145	144,555,145
TOTAL SHORT-TERM INVESTMENTS (Cost \$156,011,525)		\$ 156,011,959
Total Investments (Capital Appreciation Value Fund) (Cost \$1,181,271,484) – 100.2%		\$ 1,338,947,133
Other assets and liabilities, net – (0.2%)		(3,272,115)

Welbilt, Inc., 2018 Term Loan B (1 month LIBOR + 2.500%) 2.674%, 10/23/2025	575,000	490,763	TOTAL NET ASSETS – 100.0%	\$ 1,335,675,018
		946,466		
Information technology – 2.1%			Security Abbreviations and Legend	
CCC Information Services, Inc., 2017 1st Lien Term Loan (1 month LIBOR + 3.000%) 4.000%, 04/29/2024	13,701,498	13,179,197	CMT	Constant Maturity Treasury
Gartner, Inc., 2016 Term Loan A (1 month LIBOR + 1.500%) 1.674%, 03/20/2022	342,698	339,271	LIBOR	London Interbank Offered Rate
Kronos, Inc., 2017 Term Loan B (3 month LIBOR + 3.000%) 3.330%, 11/01/2023	14,440,560	14,169,800	(A)	Non-income producing security.
The Ultimate Software Group, Inc., Term Loan B (1 month LIBOR + 3.750%) 3.924%, 05/04/2026	691,525	668,089	(B)	All or a portion of this security is segregated at the custodian as collateral for certain derivatives.
		28,356,357	(C)	All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$1,716,916.
Materials – 0.0%			(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.
HB Fuller Company, 2017 Term Loan B (1 month LIBOR + 2.000%) 2.171%, 10/20/2024	419,852	408,830	(E)	Variable rate obligation. The coupon rate shown represents the rate at period end.
TOTAL TERM LOANS (Cost \$109,550,735)		\$ 107,288,756	(F)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
SHORT-TERM INVESTMENTS – 11.7%			(G)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
Short-term funds – 11.7%			(H)	This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
John Hancock Collateral Trust, 0.3653% (I)(J)	175,654	1,758,598	(I)	The rate shown is the annualized seven-day yield as of 5-31-20.
			(J)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

DERIVATIVES

WRITTEN OPTIONS

Options on securities

Counterparty (OTC)/ Exchange-traded	Name of issuer	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls							
CITI	Alphabet, Inc., Class C	USD 1,500.00	Jan 2021	8	800	\$ 64,056	\$ (84,431)
CITI	Alphabet, Inc., Class C	USD 1,500.00	Jan 2021	8	800	60,376	(84,431)
CITI	Alphabet, Inc., Class C	USD 1,500.00	Jan 2021	8	800	59,096	(84,431)
CITI	Alphabet, Inc., Class C	USD 1,500.00	Jan 2021	5	500	31,885	(52,770)
GSI	Alphabet, Inc., Class C	USD 1,740.00	Jan 2021	3	300	14,151	(9,753)
GSI	Alphabet, Inc., Class C	USD 1,740.00	Jan 2021	2	200	9,374	(6,502)
GSI	Alphabet, Inc., Class C	USD 1,740.00	Jan 2021	3	300	13,281	(9,753)
GSI	Alphabet, Inc., Class C	USD 1,760.00	Jan 2021	3	300	12,741	(8,693)
GSI	Alphabet, Inc., Class C	USD 1,760.00	Jan 2021	2	200	8,454	(5,796)
GSI	Alphabet, Inc., Class C	USD 1,760.00	Jan 2021	3	300	11,991	(8,693)
GSI	Alphabet, Inc., Class C	USD 1,780.00	Jan 2021	3	300	11,481	(7,729)
GSI	Alphabet, Inc., Class C	USD 1,780.00	Jan 2021	2	200	7,654	(5,153)
GSI	Alphabet, Inc., Class C	USD 1,780.00	Jan 2021	3	300	10,761	(7,729)
GSI	Alphabet, Inc., Class C	USD 1,800.00	Jan 2021	3	300	10,341	(6,854)
GSI	Alphabet, Inc., Class C	USD 1,800.00	Jan 2021	2	200	6,874	(4,570)

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Options on securities (continued)

Counterparty (OTC)/ Exchange-traded	Name of issuer	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)							
GSI	Alphabet, Inc., Class C	USD 1,800.00	Jan 2021	3	300	\$ 9,651	\$ (6,854)
CITI	American Electric Power Company, Inc.	USD 105.00	Jan 2021	210	21,000	32,970	(20,355)
CITI	American Electric Power Company, Inc.	USD 105.00	Jan 2021	208	20,800	32,656	(20,161)
CITI	American Electric Power Company, Inc.	USD 115.00	Jan 2021	115	11,500	20,299	(2,983)
GSI	Aptiv PLC	USD 97.50	Jan 2021	43	4,300	23,904	(21,673)
GSI	Aptiv PLC	USD 97.50	Jan 2021	42	4,200	28,034	(21,169)
GSI	Aptiv PLC	USD 100.00	Jan 2021	43	4,300	20,470	(19,244)
GSI	Aptiv PLC	USD 100.00	Jan 2021	42	4,200	24,176	(18,797)
CSFB	Avantor, Inc.	USD 15.00	Jan 2021	118	11,800	13,995	(65,016)
CSFB	Avantor, Inc.	USD 20.00	Jan 2021	33	3,300	7,296	(8,186)
CSFB	Avantor, Inc.	USD 20.00	Jan 2021	136	13,600	31,810	(31,810)
CSFB	Avantor, Inc.	USD 22.50	Jan 2021	33	3,300	3,706	(5,207)
CSFB	Avantor, Inc.	USD 22.50	Jan 2021	136	13,600	16,646	(16,646)
GSI	Becton, Dickinson and Company	USD 260.00	Jan 2021	24	2,400	42,154	(36,854)
GSI	Becton, Dickinson and Company	USD 270.00	Jan 2021	24	2,400	33,735	(27,939)
GSI	Becton, Dickinson and Company	USD 280.00	Jan 2021	17	1,700	21,513	(14,704)
GSI	Becton, Dickinson and Company	USD 280.00	Jan 2021	17	1,700	23,551	(14,704)
GSI	Becton, Dickinson and Company	USD 300.00	Jan 2021	16	1,600	14,972	(7,267)
GSI	Becton, Dickinson and Company	USD 300.00	Jan 2021	36	3,600	32,897	(16,351)
GSI	Becton, Dickinson and Company	USD 300.00	Jan 2021	52	5,200	51,963	(23,619)
GSI	Becton, Dickinson and Company	USD 300.00	Jan 2021	45	4,500	54,590	(20,439)
GSI	Becton, Dickinson and Company	USD 300.00	Jan 2021	17	1,700	11,439	(7,722)
GSI	Becton, Dickinson and Company	USD 300.00	Jan 2021	17	1,700	12,735	(7,722)
JPM	Danaher Corp.	USD 150.00	Jan 2021	35	3,500	38,043	(90,266)
JPM	Danaher Corp.	USD 160.00	Jan 2021	35	3,500	46,960	(67,301)
JPM	Danaher Corp.	USD 180.00	Jan 2021	34	3,400	30,521	(31,784)
JPM	Danaher Corp.	USD 185.00	Jan 2021	68	6,800	32,174	(51,655)
JPM	Danaher Corp.	USD 190.00	Jan 2021	68	6,800	23,038	(41,560)
JPM	Danaher Corp.	USD 190.00	Jan 2021	34	3,400	20,275	(20,780)
JPM	Facebook, Inc., Class A	USD 195.00	Jan 2021	48	4,800	53,813	(210,618)
JPM	Facebook, Inc., Class A	USD 200.00	Jan 2021	48	4,800	45,947	(194,558)
JPM	Facebook, Inc., Class A	USD 265.00	Jan 2021	38	3,800	38,076	(41,914)
JPM	Facebook, Inc., Class A	USD 265.00	Jan 2021	33	3,300	32,736	(36,399)
JPM	Facebook, Inc., Class A	USD 270.00	Jan 2021	38	3,800	33,706	(37,146)
JPM	Facebook, Inc., Class A	USD 270.00	Jan 2021	33	3,300	28,941	(32,258)
JPM	Facebook, Inc., Class A	USD 275.00	Jan 2021	38	3,800	29,716	(32,830)
JPM	Facebook, Inc., Class A	USD 275.00	Jan 2021	33	3,300	25,311	(28,510)
JPM	General Electric Company	USD 8.00	Jan 2021	1,180	118,000	142,898	(80,151)
JPM	General Electric Company	USD 15.00	Jan 2021	1,312	131,200	68,224	(4,593)

JPM	General Electric Company	USD	15.00	Jan 2021	1,312	131,200	74,154	(4,593)
JPM	General Electric Company	USD	15.00	Jan 2021	2,441	244,100	205,410	(8,545)
JPM	General Electric Company	USD	15.00	Jan 2021	1,221	122,100	104,249	(4,274)
JPM	General Electric Company	USD	15.00	Jan 2021	734	73,400	64,049	(2,570)
GSI	Global Payments, Inc.	USD	185.00	Dec 2020	16	1,600	22,600	(28,220)
GSI	Global Payments, Inc.	USD	185.00	Dec 2020	18	1,800	26,076	(31,747)
GSI	Global Payments, Inc.	USD	195.00	Dec 2020	16	1,600	16,288	(21,480)
GSI	Global Payments, Inc.	USD	195.00	Dec 2020	18	1,800	19,050	(24,165)
CSFB	Hilton Worldwide Holdings, Inc.	USD	87.50	Jan 2021	12	1,200	9,068	(10,382)
CSFB	Hilton Worldwide Holdings, Inc.	USD	90.00	Jan 2021	12	1,200	7,981	(9,219)
CITI	Hilton Worldwide Holdings, Inc.	USD	125.00	Jan 2021	33	3,300	17,849	(2,836)
CITI	Hilton Worldwide Holdings, Inc.	USD	125.00	Jan 2021	1	100	551	(86)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2021	32	3,200	12,545	(1,848)
CITI	Hilton Worldwide Holdings, Inc.	USD	130.00	Jan 2021	1	100	398	(58)
CSFB	Humana, Inc.	USD	370.00	Jan 2021	24	2,400	81,089	(169,874)
CSFB	Humana, Inc.	USD	380.00	Jan 2021	24	2,400	70,776	(154,451)
CSFB	Humana, Inc.	USD	420.00	Jan 2021	18	1,800	49,795	(75,572)
CSFB	Humana, Inc.	USD	430.00	Jan 2021	18	1,800	43,207	(67,074)
JPM	Ingersoll Rand, Inc.	USD	35.00	Dec 2020	169	16,900	25,666	(25,023)
JPM	Intercontinental Exchange, Inc.	USD	100.00	Jan 2021	68	6,800	40,276	(48,720)
JPM	Intercontinental Exchange, Inc.	USD	105.00	Jan 2021	68	6,800	27,474	(34,522)
CITI	Keurig Dr. Pepper, Inc.	USD	29.00	Oct 2020	230	23,000	24,189	(32,167)
CITI	Keurig Dr. Pepper, Inc.	USD	30.00	Oct 2020	236	23,600	29,354	(24,530)
CITI	Keurig Dr. Pepper, Inc.	USD	31.00	Oct 2020	236	23,600	22,885	(17,921)
CITI	Microsoft Corp.	USD	165.00	Jan 2021	141	14,100	179,387	(401,100)
CSFB	Microsoft Corp.	USD	165.00	Jan 2021	283	28,300	191,053	(805,045)

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Options on securities (continued)

Counterparty (OTC)/ Exchange-traded	Name of issuer	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)							
CSFB	Microsoft Corp.	USD	165.00	Jan 2021	270	27,000	\$ 186,840 \$ (768,064)
CITI	Microsoft Corp.	USD	170.00	Jan 2021	141	14,100	151,888 (354,395)
JPM	Microsoft Corp.	USD	170.00	Jan 2021	355	35,500	385,885 (892,271)
JPM	Microsoft Corp.	USD	170.00	Jan 2021	189	18,900	200,966 (475,040)
CSFB	NextEra Energy, Inc.	USD	310.00	Jan 2021	26	2,600	21,801 (10,203)
CSFB	NextEra Energy, Inc.	USD	320.00	Jan 2021	27	2,700	16,033 (7,216)
JPM	NXP Semiconductors NV	USD	115.00	Jan 2021	29	2,900	29,098 (19,980)
JPM	NXP Semiconductors NV	USD	125.00	Jan 2021	29	2,900	19,777 (12,865)
CSFB	NXP Semiconductors NV	USD	140.00	Jan 2021	37	3,700	25,907 (7,918)
CSFB	NXP Semiconductors NV	USD	140.00	Jan 2021	86	8,600	63,709 (18,403)
CSFB	NXP Semiconductors NV	USD	140.00	Jan 2021	204	20,400	154,550 (43,654)
JPM	PerkinElmer, Inc.	USD	110.00	Dec 2020	6	600	3,160 (3,456)
JPM	PerkinElmer, Inc.	USD	110.00	Dec 2020	39	3,900	22,054 (22,054)

JPM	PerkinElmer, Inc.	USD	115.00	Dec 2020	6	600	1,551	(2,568)
JPM	PerkinElmer, Inc.	USD	115.00	Dec 2020	39	3,900	8,589	(8,589)
GSI	Roper Technologies, Inc.	USD	430.00	Aug 2020	22	2,200	16,687	(17,829)
GSI	Roper Technologies, Inc.	USD	370.00	Nov 2020	23	2,300	39,250	(106,874)
GSI	Roper Technologies, Inc.	USD	390.00	Nov 2020	23	2,300	21,369	(79,130)
GSI	Roper Technologies, Inc.	USD	420.00	Nov 2020	23	2,300	29,256	(46,531)
GSI	Roper Technologies, Inc.	USD	440.00	Nov 2020	23	2,300	16,574	(30,842)
RBC	Thermo Fisher Scientific, Inc.	USD	370.00	Jan 2021	22	2,200	30,928	(49,432)
RBC	Thermo Fisher Scientific, Inc.	USD	390.00	Jan 2021	23	2,300	19,048	(35,864)
RBC	Thermo Fisher Scientific, Inc.	USD	400.00	Jan 2021	37	3,700	28,848	(47,454)
RBC	Thermo Fisher Scientific, Inc.	USD	400.00	Jan 2021	69	6,900	48,803	(88,495)
RBC	Thermo Fisher Scientific, Inc.	USD	400.00	Jan 2021	15	1,500	10,643	(19,238)
RBC	Thermo Fisher Scientific, Inc.	USD	400.00	Jan 2021	6	600	5,576	(7,695)
JPM	UnitedHealth Group, Inc.	USD	320.00	Jan 2021	23	2,300	39,425	(51,760)
JPM	UnitedHealth Group, Inc.	USD	330.00	Jan 2021	23	2,300	31,738	(42,225)
GSI	Visa, Inc., Class A	USD	185.00	Jan 2021	24	2,400	43,366	(61,088)
GSI	Visa, Inc., Class A	USD	195.00	Jan 2021	24	2,400	33,143	(47,230)
GSI	Visa, Inc., Class A	USD	200.00	Jan 2021	46	4,600	51,492	(78,644)
GSI	Visa, Inc., Class A	USD	210.00	Jan 2021	45	4,500	35,853	(56,626)
GSI	Visa, Inc., Class A	USD	210.00	Jan 2021	57	5,700	72,080	(71,726)
GSI	Visa, Inc., Class A	USD	210.00	Jan 2021	23	2,300	29,671	(28,942)
GSI	Visa, Inc., Class A	USD	220.00	Jan 2021	23	2,300	20,289	(20,550)
CSFB	Visa, Inc., Class A	USD	230.00	Jan 2021	102	10,200	79,529	(62,255)
CSFB	Visa, Inc., Class A	USD	230.00	Jan 2021	62	6,200	44,082	(37,841)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2021	24	2,400	22,625	(14,648)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2021	29	2,900	29,669	(17,700)
CSFB	Visa, Inc., Class A	USD	235.00	Jan 2021	102	10,200	64,648	(50,680)
CSFB	Visa, Inc., Class A	USD	235.00	Jan 2021	62	6,200	35,861	(30,805)
CSFB	Visa, Inc., Class A	USD	240.00	Jan 2021	102	10,200	52,316	(40,830)
CSFB	Visa, Inc., Class A	USD	240.00	Jan 2021	62	6,200	28,824	(24,818)
GSI	Visa, Inc., Class A	USD	240.00	Jan 2021	24	2,400	15,333	(9,607)
GSI	Visa, Inc., Class A	USD	240.00	Jan 2021	29	2,900	20,406	(11,608)
CSFB	Xcel Energy, Inc.	USD	60.00	Oct 2020	85	8,500	34,459	(59,785)
CSFB	Xcel Energy, Inc.	USD	65.00	Oct 2020	85	8,500	17,264	(32,975)
CSFB	Xcel Energy, Inc.	USD	65.00	Oct 2020	118	11,800	61,419	(45,777)
CSFB	Xcel Energy, Inc.	USD	70.00	Dec 2020	92	9,200	25,705	(23,934)
CSFB	Xcel Energy, Inc.	USD	70.00	Dec 2020	91	9,100	13,677	(23,674)
CSFB	Xcel Energy, Inc.	USD	75.00	Dec 2020	92	9,200	11,353	(10,972)
BOA	Yum! Brands, Inc.	USD	95.00	Jan 2021	17	1,700	11,237	(11,247)
BOA	Yum! Brands, Inc.	USD	95.00	Jan 2021	52	5,200	29,254	(34,403)
BOA	Yum! Brands, Inc.	USD	100.00	Jan 2021	17	1,700	8,279	(8,017)
BOA	Yum! Brands, Inc.	USD	100.00	Jan 2021	52	5,200	20,928	(24,522)
CITI	Yum! Brands, Inc.	USD	100.00	Jan 2021	57	5,700	28,320	(26,880)
CITI	Yum! Brands, Inc.	USD	100.00	Jan 2021	57	5,700	24,418	(24,418)
CITI	Yum! Brands, Inc.	USD	105.00	Jan 2021	57	5,700	19,464	(18,578)
CITI	Yum! Brands, Inc.	USD	105.00	Jan 2021	57	5,700	15,637	(15,637)
							\$5,584,030	\$(8,127,517)

Derivatives Currency Abbreviations

USD U.S. Dollar

Derivatives Abbreviations

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

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

Core Bond Fund

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 54.4%		
U.S. Government – 14.0%		
U.S. Treasury Bonds		
1.250%, 05/15/2050	\$ 15,391,000	\$ 14,751,312
2.000%, 02/15/2050	8,089,000	9,247,054
2.375%, 11/15/2049	11,055,000	13,623,560
2.750%, 11/15/2042	58,091,000	74,113,678
2.875%, 05/15/2043	33,130,000	43,164,766
3.125%, 08/15/2044	11,528,000	15,692,040
U.S. Treasury Notes		
0.125%, 04/30/2022 to 05/15/2023	37,007,000	36,978,787
0.250%, 05/31/2025	33,147,000	33,064,133
0.375%, 03/31/2022	6,736,000	6,761,260
0.375%, 04/30/2025 (A)	7,873,000	7,899,756
0.500%, 04/30/2027	10,216,000	10,221,188
0.625%, 05/15/2030	31,710,000	31,620,816
1.125%, 05/15/2040	42,177,000	41,742,050
2.500%, 02/28/2026	16,098,000	18,018,441
2.625%, 03/31/2025	8,153,000	9,059,703
2.875%, 11/30/2025	1,599,000	1,816,489
		367,775,033
U.S. Government Agency – 40.4%		
Federal Home Loan Mortgage Corp.		
2.500%, 05/01/2031 to 03/01/2050	1,518,493	1,605,688
3.000%, 12/01/2049 to 02/01/2050	5,183,359	5,554,583
3.500%, 02/01/2048 to 11/01/2049	15,987,122	17,184,282

Core Bond Fund (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Government National Mortgage Association (continued)		
5.000%, 12/20/2039 to 03/20/2049	\$ 31,746,553	\$ 34,886,724
		1,057,191,552
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$1,401,173,371)		
		\$ 1,424,966,585
FOREIGN GOVERNMENT OBLIGATIONS – 1.4%		
Indonesia – 0.1%		
Republic of Indonesia		
4.450%, 04/15/2070	1,386,000	1,537,704
Israel – 0.1%		
State of Israel		
3.375%, 01/15/2050	818,000	863,857
4.500%, 04/03/2120	913,000	1,110,098
		1,973,955
Japan – 0.1%		
Japan Bank for International Cooperation		
1.750%, 10/17/2024	2,264,000	2,357,872
Mexico – 0.5%		
Government of Mexico		
3.250%, 04/16/2030	2,838,000	2,799,715
3.900%, 04/27/2025	2,019,000	2,127,017
4.500%, 04/22/2029	4,818,000	5,203,440
4.600%, 02/10/2048	746,000	772,110
4.750%, 03/08/2044	1,050,000	1,095,675
5.000%, 04/27/2051	1,087,000	1,167,438
		13,165,395
Paraguay – 0.1%		
Republic of Paraguay		
4.950%, 04/28/2031 (D)	1,390,000	1,494,250
5.400%, 03/30/2050 (D)	2,269,000	2,503,864

4.000%, 01/01/2035 to 11/01/2049	86,687,810	94,820,946			3,998,114
4.500%, 06/01/2039 to 08/01/2049	33,034,217	36,652,407			
5.000%, 05/01/2048 to 03/01/2049	14,912,458	16,852,154			
Federal National Mortgage Association					
2.000%, TBA (B)	35,900,000	37,006,291			
2.500%, TBA (B)	201,000,000	208,120,051			
2.500%, 11/01/2028 to 08/01/2031	3,896,704	4,082,507			
2.661%, (12 month LIBOR + 1.586%), 01/01/2046 (C)	8,217,983	8,497,882			
2.754%, (12 month LIBOR + 1.579%), 06/01/2045 (C)	2,275,336	2,350,246			
3.000%, 12/01/2034 to 02/01/2050	6,956,886	7,436,120			
3.500%, 06/01/2049 to 11/01/2049	12,485,196	13,282,259			
4.000%, 07/01/2033 to 01/01/2059	186,819,393	205,591,757			
4.500%, 05/01/2034 to 01/01/2059	88,566,213	99,389,465			
5.000%, 07/01/2044 to 11/01/2049	94,169,884	106,885,438			
5.500%, 12/01/2048 to 06/01/2049	11,505,771	12,977,411			
Government National Mortgage Association					
2.000%, TBA (B)	2,500,000	2,579,964			
2.500%, TBA (B)	10,300,000	10,835,623			
3.000%, TBA (B)	17,000,000	17,996,355			
3.000%, 02/20/2050 to 03/20/2050	12,547,174	13,455,577			
3.500%, 01/20/2048 to 08/20/2049	6,668,624	7,231,553			
4.000%, 04/20/2047 to 07/20/2049	69,478,155	75,043,912			
4.500%, 08/15/2047 to 05/20/2049	15,360,242	16,872,357			
			Peru – 0.1%		
			Republic of Peru		
			2.392%, 01/23/2026	955,000	987,470
			2.783%, 01/23/2031	557,000	587,078
					1,574,548
			Qatar – 0.2%		
			State of Qatar		
			3.400%, 04/16/2025 (D)	3,436,000	3,668,755
			3.750%, 04/16/2030 (D)	2,262,000	2,516,475
					6,185,230
			United Arab Emirates – 0.2%		
			Republic of United Arab Emirates		
			2.500%, 04/16/2025 (D)	4,504,000	4,676,278
			3.875%, 04/16/2050 (D)	408,000	464,610
					5,140,888
			TOTAL FOREIGN GOVERNMENT OBLIGATIONS		
			(Cost \$33,930,493)		\$ 35,933,706

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

Shares or Principal Amount	Value
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Core Bond Fund (continued)

Shares or Principal Amount	Value
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CORPORATE BONDS – 31.7%			CORPORATE BONDS (continued)		
Communication services – 3.1%			Consumer discretionary – 1.4%		
America Movil SAB de CV			Advance Auto Parts, Inc.		
2.875%, 05/07/2030	\$ 2,400,000	\$ 2,498,448	3.900%, 04/15/2030 (D)	\$ 2,345,000	\$ 2,395,056
AT&T, Inc.			AutoNation, Inc.		
2.300%, 06/01/2027	2,532,000	2,561,074	4.750%, 06/01/2030	1,263,000	1,314,927
2.750%, 06/01/2031	2,532,000	2,549,465	Daimler Finance North America LLC		
3.000%, 02/15/2022 to 06/30/2022	3,372,000	3,497,387	2.125%, 03/10/2025 (D)	2,381,000	2,298,714
3.400%, 05/15/2025	3,262,000	3,517,188	General Motors Company		
3.500%, 06/01/2041	844,000	849,703	5.400%, 04/01/2048	1,256,000	1,209,788
3.600%, 02/17/2023	1,561,000	1,658,860	5.950%, 04/01/2049	218,000	223,930
3.650%, 06/01/2051	802,000	808,118	General Motors Financial Company, Inc.		
3.850%, 06/01/2060	844,000	858,196	2.900%, 02/26/2025	2,134,000	2,072,621
3.875%, 08/15/2021	1,248,000	1,294,713	3.950%, 04/13/2024	213,000	213,769
3.900%, 03/11/2024	931,000	1,008,406	4.350%, 04/09/2025	458,000	465,315
4.300%, 02/15/2030	1,820,000	2,067,995	5.200%, 03/20/2023	2,608,000	2,714,999
4.500%, 03/09/2048	674,000	767,185	Lowe's Companies, Inc.		
4.850%, 03/01/2039	821,000	961,815	4.000%, 04/15/2025	914,000	1,033,230
5.150%, 02/15/2050	1,550,000	1,937,172	5.000%, 04/15/2040	1,030,000	1,314,769
5.250%, 03/01/2037	486,000	593,722	5.125%, 04/15/2050	276,000	371,536
5.350%, 12/15/2043	406,000	492,149	Marriott International, Inc.		
5.375%, 10/15/2041	652,000	796,242	4.625%, 06/15/2030	1,981,000	2,027,244
Charter Communications Operating LLC			McDonald's Corp.		
4.464%, 07/23/2022	805,000	857,291	1.450%, 09/01/2025	1,687,000	1,719,874
4.800%, 03/01/2050	636,000	708,206	2.125%, 03/01/2030	240,000	242,803
Comcast Corp.			2.625%, 09/01/2029	500,000	521,382
1.950%, 01/15/2031	2,954,000	2,957,875	NIKE, Inc.		
2.650%, 02/01/2030	1,143,000	1,218,379	2.400%, 03/27/2025	1,246,000	1,336,615
2.800%, 01/15/2051	1,292,000	1,271,268	2.750%, 03/27/2027	831,000	908,615
3.100%, 04/01/2025	1,723,000	1,883,089	2.850%, 03/27/2030	819,000	910,041
3.700%, 04/15/2024	1,632,000	1,804,676	3.375%, 03/27/2050	949,000	1,097,188
3.750%, 04/01/2040	1,923,000	2,203,814	O'Reilly Automotive, Inc.		
3.950%, 10/15/2025	1,475,000	1,689,743	4.200%, 04/01/2030	1,732,000	1,954,512
4.150%, 10/15/2028	1,972,000	2,332,820	Starbucks Corp.		
4.600%, 10/15/2038	2,067,000	2,565,790	1.300%, 05/07/2022	1,000,000	1,013,167
Discovery Communications LLC			2.550%, 11/15/2030	858,000	876,390
3.625%, 05/15/2030	1,764,000	1,863,650	3.350%, 03/12/2050	423,000	419,236
4.650%, 05/15/2050	1,174,000	1,248,022	3.500%, 11/15/2050	604,000	616,208
The Walt Disney Company			The Home Depot, Inc.		
3.500%, 05/13/2040	960,000	1,050,354	2.500%, 04/15/2027	1,042,000	1,134,749
3.600%, 01/13/2051	1,670,000	1,867,055	2.700%, 04/15/2030	434,000	473,694
3.800%, 05/13/2060	599,000	680,829	2.950%, 06/15/2029	136,000	151,026
Time Warner Cable LLC			3.125%, 12/15/2049	1,845,000	2,013,786
6.550%, 05/01/2037	581,000	741,166	The Leland Stanford Junior University		
T-Mobile USA, Inc.			1.289%, 06/01/2027	323,000	323,000
3.500%, 04/15/2025 (D)	3,664,000	3,923,668	The Trustees of the University of Pennsylvania		
3.750%, 04/15/2027 (D)	2,786,000	3,012,195	3.610%, 02/15/2119	954,000	1,077,984
3.875%, 04/15/2030 (D)	1,823,000	1,976,278	Toyota Motor Credit Corp.		
Verizon Communications, Inc.			1.350%, 08/25/2023	2,418,000	2,439,219
3.000%, 03/22/2027	799,000	870,206	2.150%, 02/13/2030	536,000	543,209
3.500%, 11/01/2024	1,967,000	2,165,021			37,428,596
4.016%, 12/03/2029	949,000	1,118,157	Consumer staples – 2.0%		
4.272%, 01/15/2036	362,000	436,162	Altria Group, Inc.		
4.400%, 11/01/2034	1,768,000	2,169,315			

4.522%, 09/15/2048	1,028,000	1,339,189	2.350%, 05/06/2025	1,286,000	1,332,140
ViacomCBS, Inc.			3.400%, 05/06/2030	1,034,000	1,090,769
4.200%, 05/19/2032	2,477,000	2,557,396	4.450%, 05/06/2050	1,054,000	1,137,788
4.375%, 03/15/2043	246,000	234,563	Anheuser-Busch Companies LLC		
4.600%, 01/15/2045	158,000	152,880	4.700%, 02/01/2036	1,530,000	1,744,486
4.750%, 05/15/2025	1,398,000	1,538,071	4.900%, 02/01/2046	246,000	285,258
4.950%, 01/15/2031	799,000	884,119	Anheuser-Busch InBev Worldwide, Inc.		
5.850%, 09/01/2043	591,000	639,897	4.150%, 01/23/2025	1,775,000	1,994,800
Vodafone Group PLC			4.600%, 04/15/2048	1,128,000	1,254,099
4.250%, 09/17/2050	1,492,000	1,713,035	Bacardi, Ltd.		
		80,392,017	5.300%, 05/15/2048 (D)	209,000	250,599
			BAT Capital Corp.		
			3.215%, 09/06/2026	890,000	926,751

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer staples (continued)		
BAT Capital Corp. (continued)		
3.557%, 08/15/2027	\$ 2,607,000	\$ 2,739,168
4.390%, 08/15/2037	126,000	132,247
4.700%, 04/02/2027	1,803,000	2,016,516
Constellation Brands, Inc.		
3.200%, 02/15/2023	412,000	437,754
3.700%, 12/06/2026	693,000	765,411
3.750%, 05/01/2050	1,265,000	1,302,346
4.400%, 11/15/2025	124,000	141,327
Costco Wholesale Corp.		
1.600%, 04/20/2030	4,776,000	4,813,064
1.750%, 04/20/2032	1,225,000	1,232,305
Danone SA		
2.947%, 11/02/2026 (D)	4,882,000	5,322,962
Dollar General Corp.		
3.500%, 04/03/2030	955,000	1,067,978
4.125%, 04/03/2050	181,000	215,228
General Mills, Inc.		
2.875%, 04/15/2030	2,571,000	2,763,789
Ingredion, Inc.		
2.900%, 06/01/2030	2,463,000	2,573,467
3.900%, 06/01/2050	762,000	853,345
Keurig Dr Pepper, Inc.		
3.800%, 05/01/2050	822,000	894,807
Mondelez International, Inc.		
1.500%, 05/04/2025	1,667,000	1,699,862

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Enbridge, Inc.		
2.500%, 01/15/2025	\$ 3,724,000	\$ 3,833,476
3.125%, 11/15/2029	1,715,000	1,776,748
Energy Transfer Operating LP		
6.050%, 06/01/2041	394,000	415,050
6.125%, 12/15/2045	331,000	345,576
Enterprise Products Operating LLC		
3.700%, 01/31/2051	788,000	792,698
3.950%, 01/31/2060	872,000	872,026
4.200%, 01/31/2050	319,000	342,507
EOG Resources, Inc.		
4.375%, 04/15/2030	1,552,000	1,831,189
Equinor ASA		
1.750%, 01/22/2026	1,207,000	1,232,784
2.375%, 05/22/2030	805,000	829,952
3.250%, 11/18/2049	619,000	651,603
Exxon Mobil Corp.		
1.571%, 04/15/2023	3,831,000	3,933,850
2.992%, 03/19/2025	799,000	874,682
3.452%, 04/15/2051	692,000	756,678
Magellan Midstream Partners LP		
3.250%, 06/01/2030	1,612,000	1,673,065
Marathon Oil Corp.		
4.400%, 07/15/2027	1,547,000	1,415,247
Marathon Petroleum Corp.		
3.625%, 09/15/2024	2,220,000	2,307,979

PepsiCo, Inc.			4.500%, 05/01/2023 to 04/01/2048	1,010,000	1,050,547
2.250%, 03/19/2025	1,096,000	1,170,850	4.700%, 05/01/2025	1,472,000	1,621,675
2.625%, 03/19/2027	738,000	807,111	4.750%, 12/15/2023	675,000	728,443
Reynolds American, Inc.			Noble Energy, Inc.		
5.850%, 08/15/2045	923,000	1,107,036	3.850%, 01/15/2028	399,000	362,880
Sysco Corp.			3.900%, 11/15/2024	922,000	911,362
6.600%, 04/01/2050	445,000	574,603	4.200%, 10/15/2049	1,187,000	962,128
The Coca-Cola Company			4.950%, 08/15/2047	995,000	850,160
2.600%, 06/01/2050	1,957,000	1,926,456	ONEOK, Inc.		
The Procter & Gamble Company			3.400%, 09/01/2029	161,000	148,820
2.800%, 03/25/2027	403,000	447,056	Ovintiv, Inc.		
3.000%, 03/25/2030	516,000	591,274	6.500%, 02/01/2038	423,000	322,978
3.550%, 03/25/2040	260,000	313,694	6.625%, 08/15/2037	443,000	329,623
3.600%, 03/25/2050	439,000	551,174	Petroleos Mexicanos		
Walmart, Inc.			2.378%, 04/15/2025	437,500	454,089
3.050%, 07/08/2026	792,000	888,328	2.460%, 12/15/2025	2,040,600	2,121,918
3.550%, 06/26/2025	1,752,000	1,978,469	Plains All American Pipeline LP		
3.700%, 06/26/2028	2,061,000	2,437,680	3.550%, 12/15/2029	1,593,000	1,504,562
4.050%, 06/29/2048	22,000	28,250	4.900%, 02/15/2045	366,000	333,876
		51,810,247	Schlumberger Finance Canada, Ltd.		
Energy – 2.9%			2.650%, 11/20/2022 (D)	851,000	864,136
BP Capital Markets America, Inc.			Suncor Energy, Inc.		
3.194%, 04/06/2025	2,095,000	2,272,955	2.800%, 05/15/2023	2,075,000	2,125,846
3.543%, 04/06/2027	2,111,000	2,300,118	3.100%, 05/15/2025	1,672,000	1,749,979
Chevron Corp.			Sunoco Logistics Partners Operations LP		
1.141%, 05/11/2023	3,004,000	3,060,000	5.300%, 04/01/2044	529,000	521,951
1.554%, 05/11/2025	4,178,000	4,306,548	5.350%, 05/15/2045	108,000	105,460
1.995%, 05/11/2027	1,043,000	1,088,884	Tennessee Gas Pipeline Company LLC		
2.236%, 05/11/2030	2,671,000	2,814,931	2.900%, 03/01/2030 (D)	2,127,000	2,154,215
3.078%, 05/11/2050	1,758,000	1,887,873	The Williams Companies, Inc.		
Devon Energy Corp.			3.900%, 01/15/2025	597,000	638,573
5.000%, 06/15/2045	447,000	396,570	5.400%, 03/04/2044	845,000	929,288
5.600%, 07/15/2041	635,000	588,492	Total Capital International SA		
Diamondback Energy, Inc.			3.127%, 05/29/2050	1,233,000	1,245,775
3.250%, 12/01/2026	2,012,000	1,953,834	TransCanada PipeLines, Ltd.		
Ecopetrol SA			3.750%, 10/16/2023	1,995,000	2,145,455
5.875%, 05/28/2045	839,000	872,560	4.625%, 03/01/2034	589,000	674,924
6.875%, 04/29/2030	2,217,000	2,530,706	4.875%, 01/15/2026	247,000	286,265

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		

Transcontinental Gas Pipe Line Company LLC			Citigroup, Inc. (2.976% to 11-5-29, then SOFR + 1.422%) 11/05/2030	\$ 2,404,000	\$ 2,499,299
3.250%, 05/15/2030 (D)	\$ 834,000	\$ 887,502	Citigroup, Inc. (3.106% to 4-8-25, then SOFR + 2.750%) 04/08/2026	9,059,000	9,537,422
3.950%, 05/15/2050 (D)	1,428,000	1,515,534	Citigroup, Inc. (4.412% to 3-31-30, then SOFR + 3.914%) 03/31/2031	5,396,000	6,214,765
		75,506,545	Credit Agricole SA		
Financials – 9.0%			2.375%, 01/22/2025 (D)	3,143,000	3,265,013
American Financial Group, Inc.			Credit Suisse Group AG		
5.250%, 04/02/2030	2,170,000	2,416,331	3.574%, 01/09/2023 (D)	4,173,000	4,302,393
American International Group, Inc.			Credit Suisse Group AG (2.997% to 12-14-22, then 3 month LIBOR + 1.200%) 12/14/2023 (D)	1,471,000	1,517,183
2.500%, 06/30/2025	4,773,000	4,937,118	Credit Suisse Group Funding Guernsey, Ltd.		
3.400%, 06/30/2030	1,777,000	1,864,685	3.800%, 06/09/2023	1,326,000	1,407,652
4.200%, 04/01/2028	1,266,000	1,406,803	Danske Bank A/S		
4.500%, 07/16/2044	1,128,000	1,266,371	5.000%, 01/12/2022 (D)	2,133,000	2,234,802
4.750%, 04/01/2048	1,748,000	2,026,301	Danske Bank A/S (3.001% to 9-20-21, then 3 month LIBOR + 1.249%) 09/20/2022 (D)	4,164,000	4,206,239
Ameriprise Financial, Inc.			Danske Bank A/S (3.244% to 12-20-24, then 3 month LIBOR + 1.591%) 12/20/2025 (D)	3,884,000	3,966,637
3.000%, 04/02/2025	1,418,000	1,522,659	Element Fleet Management Corp.		
Asian Development Bank			3.850%, 06/15/2025 (D)	1,617,000	1,623,239
0.625%, 04/07/2022	7,527,000	7,568,658	Federal Realty Investment Trust		
Athene Holding, Ltd.			3.950%, 01/15/2024	1,252,000	1,300,530
6.150%, 04/03/2030	2,646,000	2,890,088	GE Capital Funding LLC		
Banco Santander Mexico SA			3.450%, 05/15/2025 (D)	3,378,000	3,432,876
5.375%, 04/17/2025 (D)	999,000	1,070,179	GE Capital International Funding Company Unlimited Company		
Banco Santander SA			4.418%, 11/15/2035	3,420,000	3,414,641
2.746%, 05/28/2025	1,600,000	1,633,052	Inter-American Development Bank		
3.490%, 05/28/2030	600,000	614,349	0.875%, 04/03/2025	3,328,000	3,383,797
Bank of America Corp.			JPMorgan Chase & Co.		
4.125%, 01/22/2024	282,000	310,623	2.950%, 10/01/2026	250,000	269,520
4.183%, 11/25/2027	2,388,000	2,678,767	JPMorgan Chase & Co. (1.514% to 6-1-23, then SOFR + 1.455%) 06/01/2024	8,051,000	8,107,576
Bank of America Corp. (2.456% to 10-22-24, then 3 month LIBOR + 0.870%) 10/22/2025	5,131,000	5,339,383	JPMorgan Chase & Co. (2.182% to 6-1-27, then SOFR + 1.890%) 06/01/2028	2,415,000	2,430,070
Bank of America Corp. (2.592% to 4-29-30, then SOFR + 2.150%) 04/29/2031	761,000	782,188	JPMorgan Chase & Co. (2.956% to 5-13-30, then SOFR + 2.515%) 05/13/2031	3,344,000	3,442,635
Bank of America Corp. (3.004% to 12-20-22, then 3 month LIBOR + 0.790%) 12/20/2023	4,472,000	4,672,840	JPMorgan Chase & Co. (3.207% to 4-1-22, then 3 month LIBOR + 0.695%) 04/01/2023	2,751,000	2,857,895
Bank of America Corp. (3.093% to 10-1-24, then 3 month LIBOR + 1.090%) 10/01/2025	3,016,000	3,213,580	JPMorgan Chase & Co. (4.493% to 3-24-30, then SOFR + 3.790%) 03/24/2031	958,000	1,137,804
Bank of America Corp. (3.419% to 12-20-27, then 3 month LIBOR + 1.040%) 12/20/2028	5,759,000	6,265,973	Landwirtschaftliche Rentenbank		
Bank of America Corp. (4.271% to 7-23-28, then 3 month LIBOR + 1.310%) 07/23/2029	4,245,000	4,885,037	0.500%, 05/27/2025	4,831,000	4,825,883
Barclays PLC (5.088% to 6-20-29, then 3 month LIBOR + 3.054%) 06/20/2030	2,779,000	3,096,948	Lincoln National Corp.		
BNP Paribas SA (2.819% to 11-19-24, then 3 month LIBOR + 1.111%) 11/19/2025 (D)	4,984,000	5,118,552	3.050%, 01/15/2030	2,751,000	2,750,333
BNP Paribas SA (3.052% to 1-13-30, then SOFR + 1.507%) 01/13/2031 (D)	2,034,000	2,083,225	Lloyds Banking Group PLC (3.870% to 7-9-24, then 1 Year CMT + 3.500%) 07/09/2025	4,678,000	4,968,016
Brighthouse Financial, Inc.					
4.700%, 06/22/2047	945,000	832,381			

Brookfield Finance, Inc. 4.350%, 04/15/2030	1,672,000	1,829,752	MDGH - GMTN BV 2.875%, 11/07/2029 (D)	1,466,000	1,519,143
Capital One Financial Corp. 2.600%, 05/11/2023	5,622,000	5,772,930	Morgan Stanley 2.750%, 05/19/2022	3,141,000	3,261,252
3.650%, 05/11/2027	1,598,000	1,667,414			
Citigroup, Inc. 3.200%, 10/21/2026	1,562,000	1,671,363			
Citigroup, Inc. (2.572% to 6-3-30, then SOFR + 2.107%) 06/03/2031	3,233,000	3,229,755			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Nationwide Building Society (4.363% to 8-1-23, then 3 month LIBOR + 1.392%) 08/01/2024 (D)	\$ 1,634,000	\$ 1,749,085
Nationwide Financial Services, Inc. 3.900%, 11/30/2049 (D)	2,025,000	1,981,117
Nationwide Mutual Insurance Company 4.350%, 04/30/2050 (D)	1,055,000	1,072,129
Nomura Holdings, Inc. 2.648%, 01/16/2025	1,591,000	1,642,937
3.103%, 01/16/2030	4,147,000	4,179,654
Prudential Financial, Inc. 1.500%, 03/10/2026	3,211,000	3,237,670
4.350%, 02/25/2050	813,000	928,229
Realty Income Corp. 3.250%, 01/15/2031	1,800,000	1,839,701
Regency Centers LP 3.700%, 06/15/2030	588,000	604,952
Santander Holdings USA, Inc. 3.450%, 06/02/2025	2,426,000	2,449,615
Scentre Group Trust 3.625%, 01/28/2026 (D)	1,248,000	1,266,800
Societe Generale SA 2.625%, 10/16/2024 to 01/22/ 2025 (D)	4,385,000	4,403,013
Standard Chartered PLC (4.644% to 4-1-30, then 5 Year CMT + 3.850%) 04/01/2031 (D)	406,000	452,774
State Street Corp. (2.825% to 3-30-22, then SOFR + 2.690%) 03/30/ 2023 (D)	2,166,000	2,239,761
Swedish Export Credit 0.750%, 04/06/2023	4,416,000	4,447,458

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
AbbVie, Inc. 2.300%, 11/21/2022 (D)	\$ 6,665,000	\$ 6,879,844
2.600%, 11/21/2024 (D)	2,954,000	3,102,702
2.900%, 11/06/2022	2,283,000	2,391,014
2.950%, 11/21/2026 (D)	843,000	903,848
3.200%, 11/21/2029 (D)	2,385,000	2,555,427
3.750%, 11/14/2023	228,000	247,906
3.800%, 03/15/2025 (D)	3,930,000	4,328,669
4.050%, 11/21/2039 (D)	979,000	1,098,550
4.250%, 11/21/2049 (D)	1,624,000	1,860,558
Aetna, Inc. 3.875%, 08/15/2047	669,000	733,686
Amgen, Inc. 2.200%, 02/21/2027	1,250,000	1,302,950
2.300%, 02/25/2031	1,673,000	1,728,530
3.150%, 02/21/2040	925,000	965,630
3.375%, 02/21/2050	839,000	888,249
Anthem, Inc. 2.250%, 05/15/2030	2,083,000	2,138,511
3.125%, 05/15/2050	838,000	861,175
3.650%, 12/01/2027	1,079,000	1,220,849
Becton, Dickinson and Company 2.404%, 06/05/2020	2,747,000	2,746,731
Biogen, Inc. 3.150%, 05/01/2050	1,024,000	991,504
Bristol-Myers Squibb Company 2.600%, 05/16/2022 (D)	1,760,000	1,833,102
2.750%, 02/15/2023 (D)	2,938,000	3,086,163
2.875%, 02/19/2021 (D)	815,000	829,819
2.900%, 07/26/2024 (D)	2,837,000	3,062,690
3.200%, 06/15/2026 (D)	1,705,000	1,912,364

The Charles Schwab Corp.			3.400%, 07/26/2029 (D)	674,000	770,718
3.250%, 05/22/2029	2,345,000	2,590,696	3.450%, 11/15/2027 (D)	1,217,000	1,392,272
4.625%, 03/22/2030	1,449,000	1,778,693	3.875%, 08/15/2025 (D)	939,000	1,066,981
The Goldman Sachs Group, Inc.			3.900%, 02/20/2028 (D)	1,305,000	1,514,230
3.500%, 04/01/2025 to 11/16/2026	13,072,000	14,045,379	4.125%, 06/15/2039 (D)	209,000	264,582
3.850%, 01/26/2027	1,400,000	1,542,436	4.250%, 10/26/2049 (D)	687,000	903,279
4.000%, 03/03/2024	364,000	398,707	4.350%, 11/15/2047 (D)	404,000	522,206
6.750%, 10/01/2037	1,433,000	1,981,708	Cigna Corp.		
The Goldman Sachs Group, Inc.			3.400%, 09/17/2021 to 03/15/2050	2,272,000	2,366,622
(3.272% to 9-29-24, then 3 month LIBOR + 1.201%) 09/29/2025	412,000	436,062	3.400%, 03/01/2027 (D)	2,052,000	2,252,201
The Royal Bank of Scotland Group PLC (2.359% to 5-22-23, then 1 Year CMT + 2.150%) 05/22/2024	695,000	701,882	3.750%, 07/15/2023	1,538,000	1,673,389
The Royal Bank of Scotland Group PLC (3.073% to 5-22-27, then 1 Year CMT + 2.550%) 05/22/2028	1,258,000	1,287,618	3.875%, 10/15/2047 (D)	1,670,000	1,890,825
The Royal Bank of Scotland Group PLC (3.754% to 11-1-24, then 5 Year CMT + 2.100%) 11/01/2029	1,384,000	1,400,046	4.375%, 10/15/2028	397,000	465,916
The Royal Bank of Scotland Group PLC (4.445% to 5-8-29, then 3 month LIBOR + 1.871%) 05/08/2030	1,280,000	1,445,266	CVS Health Corp.		
Truist Bank			3.000%, 08/15/2026	910,000	993,948
2.250%, 03/11/2030	1,283,000	1,267,681	3.625%, 04/01/2027	1,302,000	1,429,040
Trust Fibra Uno			3.700%, 03/09/2023	2,251,000	2,411,377
6.390%, 01/15/2050 (D)	860,000	788,973	4.000%, 12/05/2023	1,229,000	1,339,576
UBS Group AG (2.859% to 8-15-22, then 3 month LIBOR + 0.954%) 08/15/2023 (D)	3,903,000	4,023,012	4.780%, 03/25/2038	606,000	737,867
		236,726,974	Danaher Corp.		
Health care – 4.4%			3.350%, 09/15/2025	790,000	869,362
Abbott Laboratories			Dentsply Sirona, Inc.		
3.750%, 11/30/2026	991,000	1,160,887	3.250%, 06/01/2030	1,190,000	1,218,131
			DH Europe Finance II Sarl		
			2.050%, 11/15/2022	1,347,000	1,387,765
			2.200%, 11/15/2024	2,306,000	2,409,890
			2.600%, 11/15/2029	2,899,000	3,047,467
			3.400%, 11/15/2049	703,000	780,760
			Eli Lilly And Company		
			2.250%, 05/15/2050	1,191,000	1,120,718
			Merck & Company, Inc.		
			3.700%, 02/10/2045	587,000	707,951
			Novartis Capital Corp.		
			2.000%, 02/14/2027	1,575,000	1,664,179

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Novartis Capital Corp. (continued)		
2.200%, 08/14/2030	\$ 4,151,000	\$ 4,381,804
Pfizer, Inc.		
1.700%, 05/28/2030	2,817,000	2,826,695
2.550%, 05/28/2040	1,610,000	1,627,490

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
Northrop Grumman Corp. (continued)		
2.930%, 01/15/2025	\$ 120,000	\$ 130,049
3.250%, 08/01/2023 to 01/15/2028	3,980,000	4,347,624
4.030%, 10/15/2047	876,000	1,061,398
5.150%, 05/01/2040	1,315,000	1,767,906

2.700%, 05/28/2050	1,610,000	1,622,432	Otis Worldwide Corp.		
2.800%, 03/11/2022	811,000	845,537	2.565%, 02/15/2030 (D)	826,000	834,442
Shire Acquisitions Investments Ireland DAC			The Boeing Company		
2.875%, 09/23/2023	1,752,000	1,847,601	2.700%, 02/01/2027	1,209,000	1,125,578
3.200%, 09/23/2026	1,972,000	2,177,009	2.950%, 02/01/2030	1,282,000	1,221,069
Stryker Corp.			5.805%, 05/01/2050	902,000	1,020,991
1.150%, 06/15/2025	1,690,000	1,688,311	Union Pacific Corp.		
1.950%, 06/15/2030	1,536,000	1,528,276	2.150%, 02/05/2027	1,335,000	1,400,880
2.900%, 06/15/2050	1,183,000	1,187,618	2.400%, 02/05/2030	1,652,000	1,725,262
Takeda Pharmaceutical Company, Ltd.			2.950%, 03/01/2022	1,496,000	1,557,621
4.400%, 11/26/2023	1,642,000	1,824,045	3.150%, 03/01/2024	715,000	772,826
Thermo Fisher Scientific, Inc.			3.250%, 02/05/2050	2,119,000	2,241,541
4.497%, 03/25/2030	3,141,000	3,837,832	3.750%, 02/05/2070	268,000	292,317
UnitedHealth Group, Inc.			4.300%, 03/01/2049	221,000	277,835
2.000%, 05/15/2030	1,261,000	1,298,476	United Technologies Corp.		
2.375%, 08/15/2024	455,000	483,839	3.650%, 08/16/2023	159,000	172,589
2.750%, 05/15/2040	1,004,000	1,043,386	3.950%, 08/16/2025	1,203,000	1,368,573
2.900%, 05/15/2050	672,000	698,006	4.450%, 11/16/2038	1,120,000	1,349,177
3.125%, 05/15/2060	418,000	439,960			44,309,702
3.500%, 08/15/2039	289,000	332,641	Information technology – 2.7%		
3.700%, 12/15/2025	910,000	1,036,089	Adobe, Inc.		
3.750%, 10/15/2047	725,000	857,512	2.300%, 02/01/2030	2,997,000	3,199,049
3.875%, 08/15/2059	430,000	517,070	Apple, Inc.		
		116,134,239	2.050%, 09/11/2026	2,704,000	2,887,836
Industrials – 1.7%			2.650%, 05/11/2050	1,117,000	1,145,751
AerCap Ireland Capital DAC			2.950%, 09/11/2049	173,000	186,883
3.500%, 05/26/2022	828,000	767,690	3.200%, 05/13/2025	620,000	696,632
3.950%, 02/01/2022	458,000	431,591	4.250%, 02/09/2047	738,000	960,957
4.450%, 04/03/2026	526,000	456,206	Broadcom Corp.		
4.625%, 07/01/2022	389,000	366,595	3.875%, 01/15/2027	2,045,000	2,151,658
4.875%, 01/16/2024	749,000	669,693	Broadcom, Inc.		
Burlington Northern Santa Fe LLC			3.150%, 11/15/2025 (D)	4,409,000	4,569,410
3.050%, 02/15/2051	563,000	583,848	4.150%, 11/15/2030 (D)	3,751,000	3,899,012
Crowley Conro LLC			4.250%, 04/15/2026 (D)	1,447,000	1,549,319
4.181%, 08/15/2043	878,900	1,106,004	4.700%, 04/15/2025 (D)	1,980,000	2,169,894
CSX Corp.			5.000%, 04/15/2030 (D)	1,052,000	1,161,343
2.400%, 02/15/2030	254,000	265,592	Fiserv, Inc.		
4.300%, 03/01/2048	108,000	131,401	3.200%, 07/01/2026	1,447,000	1,574,358
4.750%, 11/15/2048	585,000	750,736	3.500%, 07/01/2029	1,446,000	1,595,789
Deere & Company			4.200%, 10/01/2028	144,000	166,884
2.750%, 04/15/2025	1,760,000	1,908,331	IBM Corp.		
3.750%, 04/15/2050	774,000	933,815	3.300%, 05/15/2026	457,000	511,837
General Dynamics Corp.			4.150%, 05/15/2039	655,000	778,984
3.250%, 04/01/2025	1,057,000	1,170,513	Intel Corp.		
4.250%, 04/01/2040	352,000	436,621	2.450%, 11/15/2029	996,000	1,067,328
General Electric Company			4.600%, 03/25/2040	857,000	1,113,334
3.100%, 01/09/2023	295,000	303,833	KLA Corp.		
3.450%, 05/01/2027	2,356,000	2,332,623	3.300%, 03/01/2050	1,069,000	1,074,460
3.625%, 05/01/2030	1,288,000	1,273,793	Lam Research Corp.		
5.875%, 01/14/2038	130,000	145,193	1.900%, 06/15/2030	1,437,000	1,445,222
Hutama Karya Persero PT			2.875%, 06/15/2050	1,417,000	1,434,879
3.750%, 05/11/2030 (D)	933,000	968,585	3.125%, 06/15/2060	583,000	604,744
International Lease Finance Corp.			Mastercard, Inc.		
5.875%, 08/15/2022	609,000	618,087	3.300%, 03/26/2027	862,000	977,464
			3.850%, 03/26/2050	141,000	178,748

John Deere Capital Corp.			Micron Technology, Inc.		
1.200%, 04/06/2023	1,986,000	2,011,588	2.497%, 04/24/2023	2,500,000	2,559,571
1.750%, 03/09/2027	1,191,000	1,219,823	Microsoft Corp.		
Northrop Grumman Corp.			2.875%, 02/06/2024	514,000	556,896
2.550%, 10/15/2022	2,665,000	2,789,863	4.000%, 02/12/2055	1,101,000	1,439,158

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Microsoft Corp. (continued)		
4.100%, 02/06/2037	\$ 1,374,000	\$ 1,746,516
NVIDIA Corp.		
3.500%, 04/01/2040 to 04/01/2050	3,040,000	3,460,076
NXP BV		
2.700%, 05/01/2025 (D)	798,000	822,981
3.150%, 05/01/2027 (D)	1,357,000	1,387,797
3.400%, 05/01/2030 (D)	1,716,000	1,782,954
3.875%, 06/18/2026 (D)	2,989,000	3,228,335
4.300%, 06/18/2029 (D)	1,130,000	1,238,174
Oracle Corp.		
2.625%, 02/15/2023	1,118,000	1,178,628
2.800%, 04/01/2027	2,575,000	2,792,106
2.950%, 11/15/2024	597,000	649,898
3.800%, 11/15/2037	610,000	693,883
3.850%, 04/01/2060	1,422,000	1,624,458
4.000%, 11/15/2047	1,298,000	1,524,656
PayPal Holdings, Inc.		
1.350%, 06/01/2023	2,172,000	2,206,428
1.650%, 06/01/2025	3,041,000	3,114,657
Texas Instruments, Inc.		
1.375%, 03/12/2025	1,003,000	1,031,182
		70,140,129
Materials – 0.9%		
Air Products and Chemicals, Inc.		
2.700%, 05/15/2040	402,000	416,733
Barrick North America Finance LLC		
5.700%, 05/30/2041	1,030,000	1,367,954
5.750%, 05/01/2043	392,000	538,758
DuPont de Nemours, Inc.		
4.205%, 11/15/2023	2,232,000	2,427,144
4.493%, 11/15/2025	1,589,000	1,802,737
Georgia-Pacific LLC		
1.750%, 09/30/2025 (D)	2,653,000	2,709,720

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate (continued)		
GLP Capital LP		
4.000%, 01/15/2030	\$ 651,000	\$ 567,998
5.300%, 01/15/2029	853,000	818,880
Mid-America Apartments LP		
3.600%, 06/01/2027	126,000	134,559
3.750%, 06/15/2024	1,974,000	2,032,831
3.950%, 03/15/2029	849,000	938,528
4.000%, 11/15/2025	1,034,000	1,074,623
4.300%, 10/15/2023	866,000	904,556
Regency Centers LP		
2.950%, 09/15/2029	1,838,000	1,764,935
Spirit Realty LP		
3.400%, 01/15/2030	1,018,000	874,500
4.000%, 07/15/2029	457,000	414,321
4.450%, 09/15/2026	97,000	92,864
STORE Capital Corp.		
4.500%, 03/15/2028	3,180,000	2,991,994
4.625%, 03/15/2029	1,007,000	936,595
Ventas Realty LP		
4.750%, 11/15/2030	1,744,000	1,814,807
		22,932,489
Utilities – 2.7%		
Alabama Power Company		
3.450%, 10/01/2049	1,690,000	1,837,928
Ameren Corp.		
3.500%, 01/15/2031	377,000	418,861
Arizona Public Service Company		
3.150%, 05/15/2025	1,993,000	2,175,939
Black Hills Corp.		
3.050%, 10/15/2029	2,731,000	2,786,202
3.875%, 10/15/2049	760,000	762,608
CenterPoint Energy Resources Corp.		
4.100%, 09/01/2047	825,000	875,354
CenterPoint Energy, Inc.		
2.500%, 09/01/2022 to 09/01/2024	2,013,000	2,087,576

2.100%, 04/30/2027 (D)	1,281,000	1,303,423	2.950%, 03/01/2030	801,000	843,434
2.300%, 04/30/2030 (D)	2,104,000	2,149,278	Consumers Energy Company		
International Paper Company			2.500%, 05/01/2060	666,000	625,015
4.400%, 08/15/2047	801,000	893,739	Dominion Energy, Inc.		
Newmont Corp.			2.000%, 08/15/2021	1,189,000	1,204,512
2.250%, 10/01/2030	1,349,000	1,334,753	Dominion Resources, Inc.		
Nucor Corp.			2.850%, 08/15/2026	1,022,000	1,077,473
2.000%, 06/01/2025	842,000	857,098	DTE Electric Company		
2.700%, 06/01/2030	842,000	856,155	2.950%, 03/01/2050	1,741,000	1,799,030
Nutrien, Ltd.			DTE Energy Company		
2.950%, 05/13/2030	1,082,000	1,129,208	2.529%, 10/01/2024	1,437,000	1,485,126
5.000%, 04/01/2049	1,219,000	1,499,689	2.950%, 03/01/2030	1,057,000	1,083,208
Packaging Corp. of America			3.800%, 03/15/2027	1,593,000	1,714,449
3.000%, 12/15/2029	736,000	773,147	Duke Energy Corp.		
Teck Resources, Ltd.			1.800%, 09/01/2021	1,779,000	1,800,109
6.250%, 07/15/2041	682,000	687,162	2.450%, 06/01/2030	1,299,000	1,337,576
The Mosaic Company			2.650%, 09/01/2026	1,103,000	1,180,560
5.450%, 11/15/2033	116,000	117,893	Duke Energy Ohio, Inc.		
5.625%, 11/15/2043	564,000	576,186	2.125%, 06/01/2030	1,207,000	1,240,212
WRKCo, Inc.			Edison International		
4.900%, 03/15/2029	961,000	1,105,858	4.125%, 03/15/2028	5,000	5,194
		22,546,635	Evergy Kansas Central, Inc.		
Real estate – 0.9%			3.450%, 04/15/2050	2,131,000	2,312,387
Alexandria Real Estate Equities, Inc.			Evergy Metro, Inc.		
4.900%, 12/15/2030	862,000	1,046,165	2.250%, 06/01/2030	1,609,000	1,652,379
Crown Castle International Corp.			Evergy, Inc.		
3.300%, 07/01/2030	2,264,000	2,448,977	2.450%, 09/15/2024	1,579,000	1,651,650
4.000%, 03/01/2027	396,000	442,823	2.900%, 09/15/2029	1,457,000	1,519,144
Equinix, Inc.			Exelon Corp.		
2.625%, 11/18/2024	1,069,000	1,128,009	4.700%, 04/15/2050	1,791,000	2,233,676
2.900%, 11/18/2026	2,372,000	2,504,524			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
Exelon Generation Company LLC		
3.250%, 06/01/2025	\$ 2,232,000	\$ 2,310,582
FirstEnergy Corp.		
2.850%, 07/15/2022	370,000	381,751
3.900%, 07/15/2027	1,579,000	1,771,181
4.250%, 03/15/2023	2,146,000	2,317,376
Interstate Power & Light Company		
3.500%, 09/30/2049	648,000	689,358
ITC Holdings Corp.		
2.700%, 11/15/2022	1,701,000	1,766,464

Core Bond Fund (continued)

	Shares or Principal Amount	Value
MUNICIPAL BONDS (continued)		
The Ohio State University		
4.800%, 06/01/2111	\$ 600,000	\$ 863,898
University of Texas		
2.439%, 08/15/2049	765,000	766,040
TOTAL MUNICIPAL BONDS (Cost \$11,974,917)		\$ 13,974,283
COLLATERALIZED MORTGAGE OBLIGATIONS – 7.9%		
Commercial and residential – 3.7%		
Angel Oak Mortgage Trust		
Series 2020-2, Class A1A		
2.531%, 01/26/2065 (D)(E)	2,177,000	2,176,619

Metropolitan Edison Company 4.300%, 01/15/2029 (D)	1,335,000	1,555,508	Angel Oak Mortgage Trust I LLC Series 2019-2, Class A1 3.628%, 03/25/2049 (D)(E)	1,197,074	1,211,215
MidAmerican Energy Company 3.650%, 08/01/2048	898,000	1,039,518	Benchmark Mortgage Trust Series 2018-B1, Class ASB 3.602%, 01/15/2051 (E)	532,000	578,040
Mississippi Power Company 3.950%, 03/30/2028 4.250%, 03/15/2042	2,072,000 1,246,000	2,305,549 1,363,698	Bunker Hill Loan Depository Trust Series 2019-1, Class A1, 3.613%, 10/26/2048 (D)	1,447,473	1,469,283
National Fuel Gas Company 5.500%, 01/15/2026	421,000	429,456	Series 2019-2, Class A1, 2.879%, 07/25/2049 (D)	2,582,859	2,574,643
NextEra Energy Capital Holdings, Inc. 2.250%, 06/01/2030 2.750%, 05/01/2025	2,515,000 2,588,000	2,562,087 2,767,559	CD Mortgage Trust Series 2016-CD1, Class A1, 1.443%, 08/10/2049	164,078	163,926
NiSource, Inc. 3.600%, 05/01/2030	466,000	526,620	Series 2017-CD4, Class A4, 3.514%, 05/10/2050 (E)	4,839,000	5,292,636
Pennsylvania Electric Company 3.250%, 03/15/2028 (D)	715,000	766,427	Series 2017-CD4, Class ASB, 3.317%, 05/10/2050	702,000	748,639
PPL Capital Funding, Inc. 3.100%, 05/15/2026 3.400%, 06/01/2023 4.125%, 04/15/2030 5.000%, 03/15/2044	2,052,000 244,000 2,192,000 1,132,000	2,187,025 255,286 2,474,769 1,345,210	Series 2017-CD6, Class ASB, 3.332%, 11/13/2050	1,764,000	1,885,836
Public Service Electric and Gas Company 2.700%, 05/01/2050	1,751,000	1,749,455	CFCRE Commercial Mortgage Trust Series 2016-C3, Class A1, 1.793%, 01/10/2048	157,753	157,814
Southern California Edison Company 2.850%, 08/01/2029 (A) 4.125%, 03/01/2048 4.650%, 10/01/2043	860,000 1,378,000 404,000	896,208 1,555,524 470,209	Series 2017-C8, Class A1, 1.965%, 06/15/2050	119,571	119,713
Southern California Gas Company 2.550%, 02/01/2030 2.600%, 06/15/2026	1,234,000 484,000	1,312,830 519,098	Series 2017-C8, Class ASB, 3.367%, 06/15/2050	733,000	780,249
Trans-Allegheny Interstate Line Company 3.850%, 06/01/2025 (D)	593,000	658,013	Citigroup Commercial Mortgage Trust Series 2016-P5, Class A1 1.410%, 10/10/2049	1,023,360	1,022,505
		71,686,363	COLT Mortgage Loan Trust Series 2019-1, Class A1, 3.705%, 03/25/2049 (D)(E)	563,180	566,065
TOTAL CORPORATE BONDS (Cost \$789,858,354)		\$ 829,613,936	Series 2019-2, Class A1, 3.337%, 05/25/2049 (D)(E)	1,882,263	1,893,605
MUNICIPAL BONDS – 0.5%			Series 2019-4, Class A1, 2.579%, 11/25/2049 (D)(E)	2,260,086	2,257,049
County of Clark Department of Aviation (Nevada) 6.820%, 07/01/2045	1,115,000	1,580,858	Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG) Series 2015-LC21, Class A4, 3.708%, 07/10/2048	753,000	819,083
Los Angeles Community College District (California) 6.750%, 08/01/2049	2,270,000	3,855,799	Series 2015-LC23, Class A4, 3.774%, 10/10/2048	1,507,000	1,647,111
North Texas Tollway Authority 6.718%, 01/01/2049	1,390,000	2,316,449	Series 2016-COR1, Class ASB, 2.972%, 10/10/2049	562,000	587,865
Port Authority of New York & New Jersey 4.458%, 10/01/2062	3,060,000	3,862,148	CSAIL Commercial Mortgage Trust Series 2015-C2, Class A4, 3.504%, 06/15/2057	6,737,176	7,185,817
State of California 7.600%, 11/01/2040	410,000	729,091	Series 2015-C4, Class A4, 3.808%, 11/15/2048	1,802,000	1,925,230
			Series 2016-C5, Class ASB, 3.533%, 11/15/2048	279,000	293,022
			DBJPM Mortgage Trust Series 2017-C6, Class ASB 3.121%, 06/10/2050	416,000	439,465

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
GCAT LLC		
Series 2019-NQM1, Class A1 2.985%, 02/25/2059 (D)	\$ 970,847	\$ 976,215
GS Mortgage Securities Trust		
Series 2014-GC18, Class A3, 3.801%, 01/10/2047	565,161	583,983
Series 2015-GC28, Class A5, 3.396%, 02/10/2048	675,000	711,939
Series 2015-GC34, Class A4, 3.506%, 10/10/2048	1,606,000	1,736,320
Series 2020-GC47, Class A5, 2.377%, 05/12/2053	1,766,000	1,820,607
Impact Funding Affordable Multifamily Housing Mortgage Loan Trust		
Series 2010-1, Class A1 5.314%, 01/25/2051 (D)	3,117,041	3,329,952
JPMBB Commercial Mortgage Securities Trust		
Series 2014-C23, Class A4, 3.670%, 09/15/2047	793,000	846,425
Series 2014-C26, Class A4, 3.494%, 01/15/2048	1,460,000	1,560,045
Series 2015-C28, Class A3, 2.912%, 10/15/2048	2,889,381	3,018,203
Series 2015-C29, Class A4, 3.611%, 05/15/2048	1,130,000	1,220,828
Series 2015-C33, Class A4, 3.770%, 12/15/2048	437,000	478,667
JPMCC Commercial Mortgage Securities Trust		
Series 2017-JP6, Class ASB 3.283%, 07/15/2050	781,000	832,943
JPMDB Commercial Mortgage Securities Trust		
Series 2017-C5, Class ASB, 3.492%, 03/15/2050	281,000	300,285
Series 2018-C8, Class ASB, 4.145%, 06/15/2051	841,000	936,713
Morgan Stanley Bank of America Merrill		
Lynch Trust		

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Starwood Mortgage Residential Trust		
Series 2019-INV1, Class A1, 2.610%, 09/27/2049 (D)(E)	\$ 2,277,370	\$ 2,250,402
Series 2020-1, Class A1, 2.275%, 02/25/2050 (D)(E)	4,053,792	4,048,817
Verus Securitization Trust		
Series 2019-1, Class A1, 3.836%, 02/25/2059 (D)(E)	1,396,604	1,410,079
Series 2019-2, Class A1, 3.211%, 05/25/2059 (D)(E)	4,668,429	4,699,990
Series 2019-3, Class A1, 2.784%, 07/25/2059 (D)	4,406,231	4,459,350
Series 2019-4, Class A1, 2.642%, 11/25/2059 (D)	6,263,647	6,309,261
Series 2019-INV1, Class A1, 3.402%, 12/25/2059 (D)(E)	1,248,979	1,267,052
Series 2019-INV2, Class A1, 2.913%, 07/25/2059 (D)(E)	2,323,714	2,342,241
Series 2019-INV3, Class A1, 2.692%, 11/25/2059 (D)(E)	2,731,348	2,685,384
Series 2020-1, Class A1, 2.417%, 01/25/2060 (D)(E)	1,389,558	1,395,190
Series 2020-2, Class A1, 2.226%, 05/25/2060 (D)(E)	3,445,000	3,441,791
Visio Trust		
Series 2019-1, Class A1 3.572%, 06/25/2054 (D)(E)	1,227,961	1,241,728
		97,693,422
U.S. Government Agency – 4.2%		
Federal Home Loan Mortgage Corp.		
Series 264, Class 30, 3.000%, 07/15/2042	4,454,225	4,812,760
Series 343, Class F4 (1 month LIBOR + 0.350%), 1.335%, 10/15/2037 (C)	2,614,056	2,601,543
Series 4205, Class PA, 1.750%, 05/15/2043	1,862,541	1,914,625
Series 4426, Class QC, 1.750%, 07/15/2037	2,955,878	3,047,078
Series 4705, Class A, 4.500%, 09/15/2042	1,477,165	1,532,738

Series 2013-C10, Class A4, 4.082%, 07/15/2046 (E)	260,000	275,571	Series 4742, Class PA, 3.000%, 10/15/2047	4,802,117	5,084,693
Series 2015-C20, Class A4, 3.249%, 02/15/2048	231,000	243,816	Series 4763, Class CA, 3.000%, 09/15/2038	520,636	559,874
Series 2015-C25, Class ASB, 3.383%, 10/15/2048	842,000	881,220	Series 4767, Class KA, 3.000%, 03/15/2048	824,536	890,707
Series 2015-C27, Class A4, 3.753%, 12/15/2047	226,000	242,441	Series 4786, Class DP, 4.500%, 07/15/2042	818,200	829,110
Morgan Stanley Capital I Trust			Series 4846, Class PF (1 month LIBOR + 0.350%), 0.534%, 12/15/2048 (C)	862,202	860,986
Series 2016-UB11, Class A1, 1.445%, 08/15/2049	320,103	319,737	Series 4880, Class DA, 3.000%, 05/15/2050	3,848,130	4,116,197
Series 2016-UB11, Class ASB, 2.606%, 08/15/2049	646,000	665,596	Federal National Mortgage Association		
New Residential Mortgage Loan Trust			Series 1998-61, Class PL, 6.000%, 11/25/2028	211,689	240,916
Series 2019-NQM2, Class A1, 3.600%, 04/25/2049 (D)(E)	1,216,113	1,229,313	Series 2012-151, Class NX, 1.500%, 01/25/2043	2,311,459	2,378,905
Series 2019-NQM4, Class A1, 2.492%, 09/25/2059 (D)(E)	2,017,414	1,967,095	Series 2013-11, Class AP, 1.500%, 01/25/2043	5,582,105	5,686,533
SG Residential Mortgage Trust			Series 2013-30, Class CA, 1.500%, 04/25/2043	528,158	537,867
Series 2019-3, Class A1 2.703%, 09/25/2059 (D)(E)	2,172,611	2,168,793			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National Mortgage Association (continued)		
Series 2013-43, Class BP, 1.750%, 05/25/2043	\$ 2,609,813	\$ 2,704,901
Series 2014-73, Class MA, 2.500%, 11/25/2044	1,556,482	1,654,172
Series 2015-84, Class PA, 1.700%, 08/25/2033	7,249,769	7,498,091
Series 2016-48, Class MA, 2.000%, 06/25/2038	9,523,410	9,838,533
Series 2016-57, Class PC, 1.750%, 06/25/2046	13,710,730	14,127,927
Series 2017-13, Class PA, 3.000%, 08/25/2046	1,620,142	1,733,568
Series 2017-42, Class H, 3.000%, 11/25/2043	1,888,457	1,952,489

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
College Ave Student Loans LLC (continued)		
Series 2019-A, Class A2 3.280%, 12/28/2048 (D)	\$ 1,139,375	\$ 1,183,655
Ford Credit Auto Owner Trust		
Series 2017-2, Class A 2.360%, 03/15/2029 (D)	4,660,000	4,704,994
Series 2018-1, Class A 3.190%, 07/15/2031 (D)	9,678,000	10,133,579
Series 2018-2, Class A 3.470%, 01/15/2030 (D)	4,408,000	4,577,229
Series 2019-1, Class A 3.520%, 07/15/2030 (D)	3,514,000	3,691,835
Series 2020-1, Class A 2.040%, 08/15/2031 (D)	7,009,000	7,038,217
Series 2020-A, Class A3 1.040%, 08/15/2024	2,036,000	2,057,001
Series 2020-A, Class A4 1.350%, 07/15/2025	1,013,000	1,029,686

Series 2017-M7, Class A2, 2.961%, 02/25/2027 (E)	633,000	697,903	GM Financial Consumer Automobile Receivables Trust		
Series 2018-14, Class KC, 3.000%, 03/25/2048	2,345,228	2,504,221	Series 2020-2, Class A3 1.490%, 12/16/2024	389,000	396,852
Series 2018-15, Class AB, 3.000%, 03/25/2048	683,173	733,832	Series 2020-2, Class A4 1.740%, 08/18/2025	594,000	603,369
Series 2018-8, Class KL, 2.500%, 03/25/2047	2,130,380	2,225,992	Honda Auto Receivables 2020-2 Owner Trust		
Series 2019-25, Class PA, 3.000%, 05/25/2048	4,300,827	4,591,283	Series 2020-2, Class A3 0.820%, 07/15/2024	3,418,000	3,433,332
Series 2019-35, Class MB, 3.000%, 07/25/2049	3,279,089	3,510,067	Series 2020-2, Class A4 1.090%, 10/15/2026	1,167,000	1,178,465
Series 2019-8, Class GA, 3.000%, 03/25/2049	7,456,854	7,809,225	Navient Private Education Loan Trust		
Series 414, Class A35, 3.500%, 10/25/2042	2,230,912	2,504,671	Series 2016-AA, Class A2B (1 month LIBOR + 2.150%) 2.334%, 12/15/2045 (C)(D)	714,165	719,586
Government National Mortgage Association			Series 2018-BA, Class A2A 3.610%, 12/15/2059 (D)	1,380,000	1,404,919
Series 2012-141, Class WA, 4.528%, 11/16/2041 (E)	491,737	568,037	Navient Private Education Refi Loan Trust		
Series 2017-167, Class BQ, 2.500%, 08/20/2044	2,152,952	2,227,410	Series 2018-A, Class A2 3.190%, 02/18/2042 (D)	7,668,000	7,739,725
Series 2019-132, Class NA, 3.500%, 09/20/2049	5,306,471	5,630,660	Series 2018-CA, Class A2 3.520%, 06/16/2042 (D)	750,000	762,462
Series 2019-31, Class JC, 3.500%, 03/20/2049	2,707,749	2,858,355	Series 2018-DA, Class A2A 4.000%, 12/15/2059 (D)	3,186,000	3,332,092
		110,465,869	Series 2019-CA, Class A2 3.130%, 02/15/2068 (D)	3,693,000	3,789,052
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$201,106,916)		\$ 208,159,291	Series 2019-D, Class A2A 3.010%, 12/15/2059 (D)	5,091,000	5,166,115
ASSET BACKED SECURITIES – 8.3%			Series 2019-FA, Class A2 2.600%, 08/15/2068 (D)	5,797,000	5,927,384
Avis Budget Rental Car Funding AESOP LLC			Series 2019-GA, Class A 2.400%, 10/15/2068 (D)	5,205,180	5,275,926
Series 2017-1A, Class A 3.070%, 09/20/2023 (D)	939,000	928,608	Series 2020-A, Class A2A 2.460%, 11/15/2068 (D)	2,761,000	2,746,964
Series 2019-3A, Class A 2.360%, 03/20/2026 (D)	1,615,000	1,543,918	Series 2020-A, Class A2B (1 month LIBOR + 0.900%) 1.084%, 11/15/2068 (C)(D)	2,393,000	2,241,653
CNH Equipment Trust			Series 2020-BA, Class A2 2.120%, 01/15/2069 (D)	2,124,000	2,100,034
Series 2020-A, Class A3 1.160%, 06/16/2025	1,960,000	1,963,496	Series 2020-CA, Class A2A 2.150%, 11/15/2068 (D)	2,018,000	2,021,727
Series 2020-A, Class A4 1.510%, 04/15/2027	551,000	552,221	Navient Student Loan Trust		
College Ave Student Loans LLC			Series 2014-1, Class A3 (1 month LIBOR + 0.510%) 0.678%, 06/25/2031 (C)	2,067,073	1,978,138
Series 2017-A, Class A1 (1 month LIBOR + 1.650%) 1.818%, 11/26/2046 (C)(D)	1,002,459	989,349			
Series 2018-A, Class A2 4.130%, 12/26/2047 (D)	1,150,502	1,241,362			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

	Shares or Principal Amount	Value		Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)			ASSET BACKED SECURITIES (continued)		
Navient Student Loan Trust (continued)			SLM Student Loan Trust (continued)		
Series 2016-1A, Class A (1 month LIBOR + 0.700%) 0.868%, 02/25/2070 (C)(D)	\$ 1,174,799	\$ 1,102,221	Series 2012-6, Class A3 (1 month LIBOR + 0.750%) 0.918%, 05/26/2026 (C)	\$ 591,841	\$ 543,049
Series 2016-3A, Class A2 (1 month LIBOR + 0.850%) 1.018%, 06/25/2065 (C)(D)	195,175	195,164	Series 2013-4, Class A (1 month LIBOR + 0.550%) 0.718%, 06/25/2043 (C)	4,645,148	4,496,034
Series 2018-EA, Class A2 4.000%, 12/15/2059 (D)	1,964,000	2,017,472	SMB Private Education Loan Trust		
Series 2019-BA, Class A2A 3.390%, 12/15/2059 (D)	3,938,000	4,053,230	Series 2015-A, Class A2B (1 month LIBOR + 1.000%) 1.184%, 06/15/2027 (C)(D)	832,055	825,785
Nelnet Student Loan Trust			Series 2015-C, Class A2B (1 month LIBOR + 1.400%) 1.584%, 07/15/2027 (C)(D)	316,722	317,177
Series 2004-3, Class A5 (3 month LIBOR + 0.180%) 1.171%, 10/27/2036 (C)	627,967	612,109	Series 2016-A, Class A2A 2.700%, 05/15/2031 (D)	1,981,075	1,990,015
Series 2004-4, Class A5 (3 month LIBOR + 0.160%) 1.151%, 01/25/2037 (C)	1,929,708	1,848,570	Series 2016-A, Class A2B (1 month LIBOR + 1.500%) 1.684%, 05/15/2031 (C)(D)	5,555,333	5,483,206
Series 2005-1, Class A5 (3 month LIBOR + 0.110%) 1.101%, 10/25/2033 (C)	7,409,336	6,921,060	Series 2016-B, Class A2A 2.430%, 02/17/2032 (D)	327,015	331,573
Series 2005-2, Class A5 (3 month LIBOR + 0.100%) 1.295%, 03/23/2037 (C)	9,674,773	9,136,430	Series 2016-C, Class A2B (1 month LIBOR + 1.100%) 1.284%, 09/15/2034 (C)(D)	1,008,385	993,164
Series 2005-3, Class A5 (3 month LIBOR + 0.120%) 1.315%, 12/24/2035 (C)	6,029,210	5,753,439	Series 2017-B, Class A2A 2.820%, 10/15/2035 (D)	3,144,112	3,219,164
Series 2005-4, Class A4 (3 month LIBOR + 0.180%) 1.375%, 03/22/2032 (C)	645,700	596,512	Series 2018-C, Class A2A 3.630%, 11/15/2035 (D)	1,952,000	2,029,296
Series 2012-2A, Class A (1 month LIBOR + 0.800%) 0.968%, 12/26/2033 (C)(D)	4,237,404	4,155,629	Series 2019-A, Class A2A 3.440%, 07/15/2036 (D)	5,194,000	5,383,145
Series 2013-1A, Class A (1 month LIBOR + 0.600%) 0.768%, 06/25/2041 (C)(D)	1,894,851	1,756,582	SoFi Professional Loan Program LLC		
Series 2014-1A, Class A (1 month LIBOR + 0.570%) 0.738%, 09/25/2041 (C)(D)	586,411	559,223	Series 2016-A, Class A2 2.760%, 12/26/2036 (D)	906,758	907,591
Santander Drive Auto Receivables Trust			Series 2016-D, Class A1 (1 month LIBOR + 0.950%) 1.118%, 01/25/2039 (C)(D)	88,994	88,766
Series 2020-1, Class A3 2.030%, 02/15/2024	1,025,000	1,036,624	Series 2016-E, Class A1 (1 month LIBOR + 0.850%) 1.018%, 07/25/2039 (C)(D)	195,071	193,622
Santander Revolving Auto Loan Trust			Series 2017-A, Class A1 (1 month LIBOR + 0.700%) 0.868%, 03/26/2040 (C)(D)	332,243	329,318
Series 2019-A, Class A 2.510%, 01/26/2032 (D)	6,020,000	5,962,319	Series 2017-C, Class A1 (1 month LIBOR + 0.600%) 0.768%, 07/25/2040 (C)(D)	466,472	461,299
SLC Student Loan Trust			Series 2017-D, Class A2FX 2.650%, 09/25/2040 (D)	1,056,209	1,079,108
Series 2008-1, Class A4A (3 month LIBOR + 1.600%) 2.341%, 12/15/2032 (C)	1,653,141	1,626,525	Series 2017-E, Class A1 (1 month LIBOR + 0.500%) 0.668%, 11/26/2040 (C)(D)	139,582	138,591
SLM Student Loan Trust			Series 2017-E, Class A2B 2.720%, 11/26/2040 (D)	3,269,000	3,309,040
Series 2003-1, Class A5C (3 month LIBOR + 0.750%) 1.491%, 12/15/2032 (C)(D)	904,462	823,650	Series 2018-A, Class A2B 2.950%, 02/25/2042 (D)	1,487,000	1,502,668
			SoFi Professional Loan Program Trust		

Series 2007-2, Class A4 (3 month LIBOR + 0.060%) 1.051%, 07/25/2022 (C)	2,294,702	2,144,904	Series 2018-B, Class A2FX 3.340%, 08/25/2047 (D)	11,367,000	11,687,657
Series 2010-1, Class A (1 month LIBOR + 0.400%) 0.568%, 03/25/2025 (C)	357,368	328,309	Series 2020-A, Class A2FX 2.540%, 05/15/2046 (D)	4,799,000	4,924,837
Series 2012-1, Class A3 (1 month LIBOR + 0.950%) 1.118%, 09/25/2028 (C)	3,284,725	3,100,449	Series 2020-C, Class AFX 1.950%, 02/15/2046 (D)	4,105,000	4,105,000
Series 2012-2, Class A (1 month LIBOR + 0.700%) 0.868%, 01/25/2029 (C)	3,021,209	2,782,833	Toyota Auto Receivables 2020-B Owner Trust Series 2020-B, Class A3 1.360%, 08/15/2024	1,825,000	1,851,056

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Verizon Owner Trust		
Series 2019-C, Class A1A 1.940%, 04/22/2024	\$ 2,176,000	\$ 2,229,139
Series 2020-A, Class A1A 1.850%, 07/22/2024	5,078,000	5,211,384
Volkswagen Auto Loan Enhanced Trust		
Series 2020-1, Class A3 0.980%, 11/20/2024	2,639,000	2,649,455
Series 2020-1, Class A4 1.260%, 08/20/2026	925,000	930,956
TOTAL ASSET BACKED SECURITIES (Cost \$216,107,395)		\$ 216,177,294
SHORT-TERM INVESTMENTS – 6.1%		
Short-term funds – 6.1%		
John Hancock Collateral Trust, 0.3653% (F)(G)	303,211	3,035,661
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (F)	158,277,801	158,277,801
TOTAL SHORT-TERM INVESTMENTS (Cost \$161,313,225)		\$ 161,313,462
Total Investments (Core Bond Fund) (Cost \$2,815,464,671) – 110.3%		\$ 2,890,138,557
Other assets and liabilities, net – (10.3%)		(270,300,510)
TOTAL NET ASSETS – 100.0%		\$ 2,619,838,047

Security Abbreviations and Legend

CMT Constant Maturity Treasury

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care – 97.5%		
Biotechnology – 37.6%		
AbbVie, Inc.	82,375	\$ 7,633,691
Abcam PLC	24,265	451,408
ACADIA Pharmaceuticals, Inc. (C)		
	76,867	3,818,753
Acceleron Pharma, Inc. (C)	34,309	3,390,758
Acerta Pharma BV, Class B (A)(B)(C)	4,892,850	463,842
ADC Therapeutics SA (C)	5,273	194,837
Adverum Biotechnologies, Inc. (C)	35,077	723,639
Agenus, Inc. (C)	8,863	33,059
Agius Pharmaceuticals, Inc. (C)	16,816	870,060
Aimmune Therapeutics, Inc. (C)	25,897	430,149
Akero Therapeutics, Inc. (C)	4,748	120,694
Alector, Inc. (C)	13,036	426,277
Alexion Pharmaceuticals, Inc. (C)	45,913	5,504,969
Alkermes PLC (C)	35,150	575,054
Allakos, Inc. (C)	2,559	166,335

LIBOR	London Interbank Offered Rate	Allogene		
SOFR	Secured Overnight Financing Rate	Therapeutics, Inc. (C)	22,930	1,104,309
TBA	To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date.	Alnylam		
(A)	All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$2,974,816.	Pharmaceuticals, Inc. (C)	32,574	4,406,285
(B)	Security purchased or sold on a when-issued or delayed delivery basis.	Amarin Corp. PLC, ADR (C)	68,924	472,819
(C)	Variable rate obligation. The coupon rate shown represents the rate at period end.	Amgen, Inc.	34,098	7,832,311
(D)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$373,583,910 or 14.3% of the fund's net assets as of 5-31-20.	Apellis		
(E)	Variable or floating rate security, the interest rate of which adjusts periodically based on a weighted average of interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of period end.	Pharmaceuticals, Inc. (C)	24,119	812,569
(F)	The rate shown is the annualized seven-day yield as of 5-31-20.	Applied Therapeutics, Inc. (C)	800	36,416
(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.	Apria Therapeutics, Inc. (C)	3,100	83,266
		Arcturus Therapeutics Holdings, Inc. (C)	7,193	280,095
		Arcutis		
		Biotherapeutics, Inc. (C)	6,408	214,988
		Ardelyx, Inc. (C)	35,520	260,362
		Argenx SE, ADR (C)	20,677	4,534,466
		Ascendis Pharma		
		A/S, ADR (C)	26,952	3,921,246
		Assembly		
		Biosciences, Inc. (C)	7,523	146,623
		Avrobio, Inc. (C)	7,029	142,126
		Beam Therapeutics, Inc. (C)	2,518	64,335
		BeiGene, Ltd., ADR (C)	6,487	1,073,858
		BELLUS Health, Inc. (C)	18,982	199,121
		Biogen, Inc. (C)	16,887	5,185,829
		BioMarin		
		Pharmaceutical, Inc. (C)	21,606	2,302,119
		Bluebird Bio, Inc. (C)	12,726	809,755
		Blueprint Medicines Corp. (C)	15,161	987,588
		CareDx, Inc. (C)	3,285	105,514
		ChemoCentryx, Inc. (C)	4,382	273,393
		Constellation		
		Pharmaceuticals, Inc. (C)	6,800	241,604
		Cortexyme, Inc. (C)	1,900	87,571
		CRISPR Therapeutics		
		AG (C)	7,872	508,374
		Cyclerion		
		Therapeutics, Inc. (C)	15,700	62,486
		Deciphera		
		Pharmaceuticals, Inc. (C)	13,250	776,053
		Denali Therapeutics, Inc. (C)	19,545	543,937
		Dicerna		
		Pharmaceuticals, Inc. (C)	27,212	586,963

Health Sciences Fund

	Shares or Principal Amount	Value		
COMMON STOCKS – 98.0%				
Consumer discretionary – 0.1%				
Specialty retail – 0.1%				
JAND, Inc., Class A (A)(B)(C)	16,938	\$ 330,174		
Financials – 0.1%				
Insurance – 0.1%				
Selectquote, Inc. (C)	18,135	499,075		

Enanta Pharmaceuticals, Inc. (C)	11,252	579,365
Epizyme, Inc. (C)	18,157	318,655
Esperion Therapeutics, Inc. (C)	4,200	177,954
Exact Sciences Corp. (C)	34,517	2,964,320
Exelixis, Inc. (C)	125,337	3,097,077
Fate Therapeutics, Inc. (C)	12,657	410,467
FibroGen, Inc. (C)	17,142	573,228
G1 Therapeutics, Inc. (C)	7,497	127,224
Galapagos NV (C)	2,271	460,714
Global Blood Therapeutics, Inc. (C)	22,597	1,579,982
Gritstone Oncology, Inc. (C)	9,300	60,078
Halozyme Therapeutics, Inc. (C)	7,500	182,025
Homology Medicines, Inc. (C)	15,913	226,601
IGM Biosciences, Inc. (C)	6,999	453,395
Immunomedics, Inc. (C)	36,840	1,237,456
Incyte Corp. (C)	61,224	6,239,338
Insmed, Inc. (C)	37,520	911,361
Intercept Pharmaceuticals, Inc. (C)	5,936	428,935
Ionis Pharmaceuticals, Inc. (C)	35,236	1,980,616

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Iovance Biotherapeutics, Inc. (C)	67,951	\$ 2,180,548
Kadmon Holdings, Inc. (C)	56,336	250,132
Karuna Therapeutics, Inc. (C)	11,023	1,034,619
Karyopharm Therapeutics, Inc. (C)	16,836	311,298
Kodiak Sciences, Inc. (C)	30,596	1,976,808
Krystal Biotech, Inc. (C)	7,663	393,955
Mersana Therapeutics, Inc. (C)	9,341	211,480

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Stryker Corp.	39,850	\$ 7,799,841
Tandem Diabetes Care, Inc. (C)	9,200	764,980
Teleflex, Inc.	7,426	2,694,598
The Cooper Companies, Inc.	7,220	2,288,596
West Pharmaceutical Services, Inc.	14,501	3,132,796
Zimmer Biomet Holdings, Inc.	7,174	906,363

Mirati Therapeutics, Inc. (C)	10,303	1,021,955		76,613,685
Moderna, Inc. (C)	13,098	805,527		
Momenta Pharmaceuticals, Inc. (C)	22,063	694,543	Health care providers and services – 15.9%	
MorphoSys AG (C)	3,745	488,634	Acadia Healthcare Company, Inc. (C)	16,917 483,995
Neurocrine Biosciences, Inc. (C)	31,244	3,898,001	Amedisys, Inc. (C)	5,661 1,087,195
Orchard Therapeutics PLC, ADR (C)	18,342	174,249	Anthem, Inc.	17,097 5,028,399
Passage Bio, Inc. (C)	5,315	117,089	Cardinal Health, Inc.	11,000 601,590
PhaseBio Pharmaceuticals, Inc. (C)	14,617	87,848	Centene Corp. (C)	115,731 7,667,179
Principia Biopharma, Inc. (C)	9,994	638,517	Cigna Corp.	34,717 6,850,358
Progenics Pharmaceuticals, Inc. (C)	33,200	140,934	Guardant Health, Inc. (C)	9,772 883,291
Protagonist Therapeutics, Inc. (C)	15,682	259,223	HCA Healthcare, Inc.	38,697 4,136,709
PTC Therapeutics, Inc. (C)	8,598	436,005	Humana, Inc.	18,973 7,791,262
Puma Biotechnology, Inc. (C)	19,196	195,991	McKesson Corp.	4,300 682,281
Radius Health, Inc. (C)	14,535	184,013	Molina Healthcare, Inc. (C)	16,162 3,003,223
RAPT Therapeutics, Inc. (C)	10,777	197,004	Option Care Health, Inc. (C)	13,712 208,422
Regeneron Pharmaceuticals, Inc. (C)	13,354	8,183,465	The Pennant Group, Inc. (C)	17,090 435,624
REGENXBIO, Inc. (C)	7,407	278,948	UnitedHealth Group, Inc.	68,184 20,785,886
REVOLUTION Medicines, Inc. (C)	3,769	115,784		59,645,414
Rocket Pharmaceuticals, Inc. (C)	17,467	328,554	Health care technology – 1.1%	
Sage Therapeutics, Inc. (C)	22,701	810,880	HTG Molecular Diagnostics, Inc. (C)	32,915 17,442
Sarepta Therapeutics, Inc. (C)	15,078	2,295,927	Livongo Health, Inc. (C)	5,800 347,594
Scholar Rock Holding Corp. (C)	5,074	93,362	Phreesia, Inc. (C)	9,252 271,269
Seattle Genetics, Inc. (C)	35,497	5,580,483	Schrodinger, Inc. (C)	6,890 471,621
Stoke Therapeutics, Inc. (C)	9,148	253,034	Teladoc Health, Inc. (C)	4,800 835,488
Translate Bio, Inc. (C)	15,000	310,800	Veeva Systems, Inc., Class A (C)	9,514 2,082,329
Turning Point Therapeutics, Inc. (C)	9,993	692,015		4,025,743
Ultragenyx Pharmaceutical, Inc. (C)	32,615	2,232,823	Life sciences tools and services – 8.0%	
uniQure NV (C)	5,700	382,812	10X Genomics, Inc., Class A (C)	7,749 604,190
United Therapeutics Corp. (C)	4,600	542,570	Adaptive Biotechnologies Corp. (C)	13,199 510,801
Vertex Pharmaceuticals, Inc. (C)	55,936	16,107,331	Agilent Technologies, Inc.	60,740 5,353,624
Xencor, Inc. (C)	23,575	713,144	Avantor, Inc. (C)	110,231 2,091,082
Zai Lab, Ltd., ADR (C)	4,410	328,104	Bruker Corp.	41,463 1,794,519
Zealand Pharma A/S, ADR (C)	3,849	157,809	Compugen, Ltd. (C)	5,600 86,184
Zeneca, Inc. (B)(C)	33,315	20,489	Evotec SE (C)	36,895 1,004,230
Zentalis Pharmaceuticals, Inc. (C)	8,099	422,930	Lonza Group AG	2,483 1,226,156
Zymeworks, Inc. (C)	12,812	488,393	Mettler-Toledo International, Inc. (C)	1,381 1,097,895
		140,906,727	PPD, Inc. (C)	22,261 606,390
Health care equipment and supplies – 20.4%			PRA Health Sciences, Inc. (C)	10,508 1,087,578
Alcon, Inc. (C)	35,465	2,295,854	Quanterix Corp. (C)	19,629 541,564
AtriCure, Inc. (C)	16,904	808,180	Repligen Corp. (C)	2,134 279,490
Becton, Dickinson and Company	45,213	11,164,446	Thermo Fisher Scientific, Inc.	37,961 13,255,602
Danaher Corp.	46,438	7,737,035	Wuxi Biologics Cayman, Inc. (C)(D)	29,500 465,857
DexCom, Inc. (C)	11,115	4,204,916		30,005,162
DiaSorin SpA	10,065	2,115,180	Pharmaceuticals – 14.5%	
Envista Holdings Corp. (C)	61,705	1,304,444	Arvinas, Inc. (C)	3,000 99,810
GenMark Diagnostics, Inc. (C)	38,687	367,140	Astellas Pharma, Inc.	67,900 1,213,233
Hologic, Inc. (C)	72,702	3,853,206	AstraZeneca PLC, ADR	119,318 6,514,763
ICU Medical, Inc. (C)	5,078	1,013,670	Axsome Therapeutics, Inc. (C)	8,541 657,486
Inari Medical, Inc. (C)	4,477	196,988	Bayer AG	18,676 1,276,683
Insulet Corp. (C)	8,800	1,659,416	Bristol-Myers Squibb Company	65,302 3,899,835
Intuitive Surgical, Inc. (C)	22,275	12,920,168	Cara Therapeutics, Inc. (C)	22,624 359,043
iRhythm Technologies, Inc. (C)	7,451	926,234	Catalent, Inc. (C)	19,623 1,525,296
Lantheus Holdings, Inc. (C)	22,466	308,458	Chugai Pharmaceutical Company, Ltd.	20,600 3,044,105
Nevro Corp. (C)	16,981	2,132,814	Daiichi Sankyo Company, Ltd.	28,800 2,706,199
			Eisai Company, Ltd.	17,000 1,334,350

Novocure, Ltd. (C)	11,500	775,445	Elanco Animal Health, Inc. (C)	33,519	717,642
Penumbra, Inc. (C)	9,647	1,663,336	Eli Lilly & Company	50,907	7,786,226
Quidel Corp. (C)	17,958	3,142,650	GW Pharmaceuticals PLC, ADR (C)	5,791	710,845
Shockwave Medical, Inc. (C)	9,928	436,931	Horizon Therapeutics PLC (C)	15,700	796,461

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Intra-Cellular Therapies, Inc. (C)	15,100	\$ 315,288
Ipsen SA	12,639	988,884
Merck & Company, Inc.	62,533	5,047,664
Milestone Pharmaceuticals, Inc. (C)	9,082	28,699
MyoKardia, Inc. (C)	20,107	2,056,745
Nektar Therapeutics (C)	19,098	414,427
Novartis AG	19,054	1,658,763
Novo Nordisk A/S, ADR	11,100	731,934
Odonate Therapeutics, Inc. (C)	10,901	356,136
Perrigo Company PLC	373	20,429
Reata Pharmaceuticals, Inc., Class A (C)	5,286	768,162
Roche Holding AG	17,569	6,098,578
Sanofi	20,521	2,007,257
Tricida, Inc. (C)	22,110	593,875
WaVe Life Sciences, Ltd. (C)	20,428	207,957
Zogenix, Inc. (C)	10,284	299,573
		54,236,348
		365,433,079
Industrials – 0.3%		
Industrial conglomerates – 0.3%		
General Electric Company	149,046	979,232
TOTAL COMMON STOCKS (Cost \$270,257,538)		\$ 367,241,560
PREFERRED SECURITIES – 1.0%		
Consumer discretionary – 0.2%		
Specialty retail – 0.2%		
JAND, Inc., Series D (A)(B)(C)	37,822	737,268
Health care – 0.6%		
Health care equipment and supplies – 0.6%		
Sartorius AG	5,768	2,150,254
Pharmaceuticals – 0.0%		
Elanco Animal Health, Inc., 5.000%	1,374	52,253
		2,202,507
Information technology – 0.2%		

Health Sciences Fund (continued)

- (C) Non-income producing security.
(D) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(E) Strike price and/or expiration date not available.
(F) The rate shown is the annualized seven-day yield as of 5-31-20.

High Yield Fund

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS – 0.8%		
Argentina – 0.4%		
Provincia de Buenos Aires		
7.875%, 06/15/2027	\$ 870,000	\$ 313,000
Republic of Argentina		
5.625%, 01/26/2022	470,000	185,000
6.875%, 01/26/2027	430,000	156,000
7.500%, 04/22/2026	330,000	126,000
		781,000
Brazil – 0.4%		
Federative Republic of Brazil		
10.000%, 01/01/2021 to 01/01/2027	BRL 3,976,000	873,000
Indonesia – 0.0%		
Republic of Indonesia		
8.375%, 03/15/2034	IDR 543,000,000	38,000
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$3,374,320)		\$ 1,693,000
CORPORATE BONDS – 84.6%		
Communication services – 15.3%		
Allen Media LLC		
10.500%, 02/15/2028 (A)	\$ 950,000	722,000

Software – 0.2%		
Doximity, Inc. (A)(B)(C)	63,738	910,816
TOTAL PREFERRED SECURITIES (Cost \$1,772,324)	\$	3,850,591
RIGHTS – 0.1%		
Bristol-Myers Squibb Company (Expiration Date: 3-31-21) (C)(E)	131,655	433,145
TOTAL RIGHTS (Cost \$363,553)	\$	433,145
SHORT-TERM INVESTMENTS – 1.2%		
Short-term funds – 1.2%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (F)	913,995	913,995
T. Rowe Price Government Reserve Fund, 0.2523% (F)	3,518,664	3,518,664
TOTAL SHORT-TERM INVESTMENTS (Cost \$4,432,659)	\$	4,432,659
Total Investments (Health Sciences Fund) (Cost \$276,826,074) – 100.3%	\$	375,957,955
Other assets and liabilities, net – (0.3%)		(1,033,658)
TOTAL NET ASSETS – 100.0%	\$	374,924,297

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to Portfolio of Investments.
(B)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.

Altice France Holding SA 10.500%, 05/15/ 2027 (A)	290,000	321,
Altice France SA 7.375%, 05/01/ 2026 (A)	2,930,000	3,091,
American Media LLC 10.500%, 12/31/ 2026 (A)	860,000	920,
CCO Holdings LLC 4.500%, 05/01/ 2032 (A)	260,000	268,
5.125%, 05/01/ 2027 (A)	1,270,000	1,333,
5.750%, 02/15/ 2026 (A)	215,000	224,
CenturyLink, Inc. 4.000%, 02/15/ 2027 (A)	370,000	368,
Charter Communications Operating LLC 6.484%, 10/23/2045	250,000	322,
Cogent Communications Group, Inc. 5.375%, 03/01/ 2022 (A)	1,030,000	1,058,
CSC Holdings LLC 6.500%, 02/01/ 2029 (A)	1,370,000	1,512,
DISH DBS Corp. 7.750%, 07/01/2026	2,450,000	2,541,
iHeartCommunications, Inc. 4.750%, 01/15/ 2028 (A)	280,000	268,
5.250%, 08/15/ 2027 (A)	780,000	764,
Intelsat Jackson Holdings SA 8.000%, 02/15/ 2024 (A)(B)	330,000	332,
Lions Gate Capital Holdings LLC 5.875%, 11/01/ 2024 (A)	1,000,000	970,
Match Group, Inc. 4.625%, 06/01/ 2028 (A)	660,000	678,
5.000%, 12/15/ 2027 (A)	400,000	418,
Netflix, Inc. 4.375%, 11/15/2026	320,000	339,
4.875%, 06/15/ 2030 (A)	500,000	539,
5.375%, 11/15/ 2029 (A)	770,000	854,

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Sirius XM Radio, Inc. 4.625%, 07/15/2024 (A)	\$ 290,000	\$ 296,931
Sprint Capital Corp. 8.750%, 03/15/2032	1,260,000	1,811,250
Sprint Communications, Inc. 11.500%, 11/15/2021	841,000	939,397
Sprint Corp. 7.250%, 09/15/2021	1,000,000	1,049,200
	40,000	46,650
	1,470,000	1,668,450
Telecom Italia SpA 5.303%, 05/30/2024 (A)	1,000,000	1,047,330
Time Warner Cable LLC 7.300%, 07/01/2038	680,000	906,717
Twitter, Inc. 3.875%, 12/15/2027 (A)	480,000	478,200
Univision Communications, Inc. 5.125%, 02/15/2025 (A)	650,000	621,407
	650,000	695,500
UPC Holding BV 5.500%, 01/15/2028 (A)	370,000	357,187
Virgin Media Secured Finance PLC 5.500%, 08/15/2026 to 05/15/ 2029 (A)	1,940,000	2,026,275
		30,369,982
Consumer discretionary – 15.7%		
American Axle & Manufacturing, Inc. 6.500%, 04/01/2027	670,000	626,450
Boyne USA, Inc. 7.250%, 05/01/2025 (A)	1,130,000	1,194,975
Brinker International, Inc. 5.000%, 10/01/2024 (A)	420,000	375,900
Carriage Services, Inc. 6.625%, 06/01/2026 (A)	730,000	762,850
Century Communities, Inc. 5.875%, 07/15/2025	1,390,000	1,400,425
Delphi Technologies PLC 5.000%, 10/01/2025 (A)	510,000	526,448
ESH Hospitality, Inc. 4.625%, 10/01/2027 (A)	420,000	397,425

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Installed Building Products, Inc. 5.750%, 02/01/2028 (A)	\$ 500,000	\$ 507,500
IRB Holding Corp. 7.000%, 06/15/2025 (A)	370,000	383,875
L Brands, Inc. 5.250%, 02/01/2028	1,560,000	1,320,150
Lennar Corp. 4.750%, 11/29/2027	150,000	163,500
	640,000	692,800
Levi Strauss & Company 5.000%, 05/01/2025	160,000	163,200
Macy's, Inc. 8.375%, 06/15/2025 (A)	200,000	202,750
Marston's Issuer PLC (3 month GBP LIBOR + 2.550%) 3.218%, 07/15/ 2035 (C)	GBP 380,000	380,716
Melco Resorts Finance, Ltd. 5.375%, 12/04/2029 (A)	\$ 340,000	333,479
MGM Growth Properties Operating Partnership LP 4.500%, 09/01/2026	310,000	304,575
Michaels Stores, Inc. 8.000%, 07/15/2027 (A)	360,000	289,800
Mohegan Gaming & Entertainment 7.875%, 10/15/2024 (A)	1,060,000	763,200
NCL Corp., Ltd. 3.625%, 12/15/2024 (A)	450,000	270,000
	800,000	860,000
Newell Brands, Inc. 4.875%, 06/01/2025	360,000	373,428
Party City Holdings, Inc. 6.625%, 08/01/2026 (A)	670,000	103,013
PetSmart, Inc. 8.875%, 06/01/2025 (A)	320,000	317,600
Royal Caribbean Cruises, Ltd. 11.500%, 06/01/2025 (A)	420,000	445,347
Sands China, Ltd. 5.400%, 08/08/2028	200,000	213,016
Scientific Games International, Inc. 7.000%, 05/15/2028 (A)	860,000	756,800
Service Corp. International		

Fontainebleau Las Vegas Holdings LLC			4.625%, 12/15/2027	680,000	715,564
11.000%, 06/15/2015 (A)(B)	2,983,778	298	5.125%, 06/01/2029	500,000	538,750
Ford Motor Company			Silversea Cruise Finance, Ltd.		
8.500%, 04/21/2023	20,000	20,744	7.250%, 02/01/2025 (A)	632,000	593,878
9.000%, 04/22/2025	1,060,000	1,114,325	Speedway Motorsports LLC		
Ford Motor Credit Company LLC			4.875%, 11/01/2027 (A)	830,000	697,200
3.087%, 01/09/2023	1,250,000	1,182,500	Sugarhouse HSP Gaming Prop Mezz LP		
3.096%, 05/04/2023	790,000	740,799	5.875%, 05/15/2025 (A)	380,000	345,800
frontdoor, Inc.			Taylor Morrison Communities, Inc.		
6.750%, 08/15/2026 (A)	1,000,000	1,070,000	5.875%, 01/31/2025 (A)	200,000	202,500
General Motors Company			6.000%, 09/01/2023 (A)	600,000	600,372
5.400%, 10/02/2023	90,000	95,066	The ServiceMaster Company LLC		
6.125%, 10/01/2025	110,000	120,191	5.125%, 11/15/2024 (A)	500,000	506,250
Golden Nugget, Inc.			The William Carter Company		
8.750%, 10/01/2025 (A)	660,000	435,600	5.500%, 05/15/2025 (A)	420,000	432,600
Hanesbrands, Inc.			5.625%, 03/15/2027 (A)	390,000	398,381
4.625%, 05/15/2024 (A)	570,000	579,975	TopBuild Corp.		
4.875%, 05/15/2026 (A)	550,000	556,875	5.625%, 05/01/2026 (A)	560,000	571,200
5.375%, 05/15/2025 (A)	190,000	194,750	Viking Cruises, Ltd.		
Hilton Domestic Operating Company, Inc.			5.875%, 09/15/2027 (A)	570,000	342,211
5.375%, 05/01/2025 (A)	410,000	419,307	13.000%, 05/15/2025 (A)	1,000,000	1,080,000
5.750%, 05/01/2028 (A)	290,000	299,425	VOC Escrow, Ltd.		
Hilton Worldwide Finance LLC			5.000%, 02/15/2028 (A)	990,000	812,166
4.625%, 04/01/2025	240,000	238,200			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
WW International, Inc.		
8.625%, 12/01/2025 (A)	\$ 900,000	\$ 938,250
Wynn Macau, Ltd.		
5.125%, 12/15/2029 (A)	300,000	295,500
Wynn Resorts Finance LLC		
7.750%, 04/15/2025 (A)	890,000	924,488
		31,192,387
Consumer staples – 3.7%		
Altria Group, Inc.		
5.950%, 02/14/2049	410,000	524,321
Cott Holdings, Inc.		
5.500%, 04/01/2025 (A)	680,000	685,807
Kraft Heinz Foods Company		
3.875%, 05/15/2027 (A)	30,000	31,343

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
NGPL PipeCo LLC (continued)		
4.875%, 08/15/2027 (A)	\$ 300,000	\$ 326,294
Oasis Petroleum, Inc.		
6.875%, 03/15/2022 to 01/15/2023	1,411,000	248,323
Occidental Petroleum Corp.		
2.900%, 08/15/2024	860,000	683,700
Occidental Petroleum Corp. (3 month LIBOR + 1.450%) 1.842%, 08/15/2022 (C)	110,000	96,250
Petrobras Global Finance BV		
5.750%, 02/01/2029	40,000	40,142
6.850%, 06/05/2115	580,000	543,170
Precision Drilling Corp.		
7.125%, 01/15/2026 (A)	870,000	435,000

4.250%, 03/01/2031 (A)	170,000	180,892	Range Resources Corp.		
4.875%, 02/15/2025 (A)	1,520,000	1,557,011	5.000%, 03/15/2023	450,000	407,066
5.200%, 07/15/2045	510,000	522,982	9.250%, 02/01/2026 (A)	250,000	233,675
5.500%, 06/01/2050 (A)	520,000	541,187	Shelf Drilling Holdings, Ltd.		
Lamb Weston Holdings, Inc.			8.250%, 02/15/2025 (A)	1,000,000	442,500
4.875%, 11/01/2026 to 05/15/2028 (A)	850,000	881,092	Teine Energy, Ltd.		
Sally Holdings LLC			6.875%, 09/30/2022 (A)	510,000	498,525
5.625%, 12/01/2025	780,000	761,514	The Williams Companies, Inc.		
Simmons Foods, Inc.			7.500%, 01/15/2031	650,000	792,958
5.750%, 11/01/2024 (A)	940,000	878,900	Vesta Energy Corp.		
Spectrum Brands, Inc.			8.125%, 07/24/2023 (A)	CAD 920,000	327,414
5.000%, 10/01/2029 (A)	250,000	244,063	Viper Energy Partners LP		
6.125%, 12/15/2024	520,000	533,000	5.375%, 11/01/2027 (A)	\$ 260,000	258,050
		7,342,112	Western Midstream Operating LP		
Energy – 9.1%			3.100%, 02/01/2025	1,230,000	1,144,663
Antero Midstream Partners LP			3.950%, 06/01/2025	80,000	74,376
5.375%, 09/15/2024	250,000	208,750	4.000%, 07/01/2022	570,000	560,378
Apache Corp.			WPX Energy, Inc.		
5.100%, 09/01/2040	120,000	96,050	5.250%, 10/15/2027	410,000	399,750
Berry Petroleum Company LLC			8.250%, 08/01/2023	1,040,000	1,110,200
7.000%, 02/15/2026 (A)	390,000	293,623			18,117,066
Blue Racer Midstream LLC			Financials – 8.4%		
6.125%, 11/15/2022 (A)	920,000	897,874	Allied Universal Holdco LLC		
6.625%, 07/15/2026 (A)	1,190,000	1,056,577	6.625%, 07/15/2026 (A)	1,320,000	1,386,000
Cenovus Energy, Inc.			Ally Financial, Inc.		
3.000%, 08/15/2022	520,000	494,063	8.000%, 11/01/2031	480,000	605,693
5.400%, 06/15/2047	60,000	47,227	Barclays PLC (5.088% to 6-20-29, then 3 month LIBOR + 3.054%) 06/20/2030	1,470,000	1,638,184
6.750%, 11/15/2039	140,000	125,571	Barclays PLC (8.000% to 12-15-20, then 5 Year Euro Swap Rate + 6.750%) 12/15/2020 (D)	EUR 540,000	600,926
Comstock Resources, Inc.			Barclays PLC (8.000% to 6-15-24, then 5 Year CMT + 5.672%) 06/15/2024 (D)	\$ 600,000	614,916
7.500%, 05/15/2025 (A)	280,000	247,100	BNP Paribas SA (7.375% to 8-19-25, then 5 Year U.S. Swap Rate + 5.150%) 08/19/2025 (A)(D)	350,000	383,688
Continental Resources, Inc.			CIT Group, Inc.		
3.800%, 06/01/2024	230,000	200,100	5.250%, 03/07/2025	170,000	170,425
4.375%, 01/15/2028	1,000,000	842,200	Credit Agricole SA (8.125% to 12-23-25, then 5 Year U.S. Swap Rate + 6.185%) 12/23/2025 (A)(D)	600,000	687,000
DCP Midstream Operating LP			Credit Suisse Group AG (6.375% to 8-21-26, then 5 Year CMT + 4.822%) 08/21/2026 (A)(D)	840,000	850,332
6.450%, 11/03/2036 (A)	310,000	254,200	DAE Funding LLC		
6.750%, 09/15/2037 (A)	700,000	574,000	5.750%, 11/15/2023 (A)	1,030,000	908,975
Endeavor Energy Resources LP			Diversified Healthcare Trust		
5.500%, 01/30/2026 (A)	270,000	262,672	9.750%, 06/15/2025	1,020,000	1,039,125
5.750%, 01/30/2028 (A)	50,000	48,813			
EQM Midstream Partners LP					
5.500%, 07/15/2028	620,000	573,488			
6.500%, 07/15/2048	250,000	215,000			
EQT Corp.					
6.125%, 02/01/2025	710,000	725,670			
MEG Energy Corp.					
7.000%, 03/31/2024 (A)	259,000	249,288			
7.125%, 02/01/2027 (A)	1,300,000	1,183,806			
Montage Resources Corp.					
8.875%, 07/15/2023	500,000	430,000			
NGPL PipeCo LLC					
4.375%, 08/15/2022 (A)	460,000	468,560			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Donnelley Financial Solutions, Inc. 8.250%, 10/15/2024	\$ 680,000	\$ 666,400
Fidelity & Guaranty Life Holdings, Inc. 5.500%, 05/01/2025 (A)	470,000	502,900
FirstCash, Inc. 5.375%, 06/01/2024 (A)	710,000	711,924
HSBC Holdings PLC (6.375% to 3-30-25, then 5 Year ICE Swap Rate + 4.368%) 03/30/2025 (D)	200,000	201,876
HSBC Holdings PLC (6.500% to 3-23-28, then 5 Year ICE Swap Rate + 3.606%) 03/23/2028 (D)	720,000	717,300
Intesa Sanpaolo SpA 5.017%, 06/26/2024 (A)	200,000	200,576
INTL. FCStone, Inc. 8.625%, 06/15/2025 (A)	300,000	303,750
Ladder Capital Finance Holdings LLLP 4.250%, 02/01/2027 (A)	530,000	442,550
NatWest Markets NV 7.750%, 05/15/2023	520,000	583,210
Navient Corp. 5.000%, 03/15/2027	330,000	282,150
Quicken Loans LLC 5.250%, 01/15/2028 (A)	890,000	898,179
The Royal Bank of Scotland Group PLC (8.625% to 8-15-21, then 5 Year U.S. Swap Rate + 7.598%) 08/ 15/2021 (D)	670,000	695,701
UBS Group AG (7.000% to 1-31-24, then 5 Year U.S. Swap Rate + 4.344%) 01/31/2024 (A)(D)	810,000	834,057
UniCredit SpA (7.296% to 4-2-29, then 5 Year ICE Swap Rate + 4.914%) 04/02/2034 (A)	690,000	752,897
		16,678,734
Health care – 7.7%		
Air Methods Corp. 8.000%, 05/15/2025 (A)	860,000	550,400
AMN Healthcare, Inc. 4.625%, 10/01/2027 (A)	200,000	193,076
Bausch Health Americas, Inc. 9.250%, 04/01/2026 (A)	471,000	522,984
Bausch Health Companies, Inc. 6.250%, 02/15/2029 (A)	1,990,000	2,039,750
	1,080,000	1,181,250

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Radiology Partners, Inc. 9.250%, 02/01/2028 (A)	\$ 780,000	\$ 753,675
RegionalCare Hospital Partners Holdings, Inc. 9.750%, 12/01/2026 (A)	480,000	519,600
Tenet Healthcare Corp. 6.750%, 06/15/2023	550,000	576,125
	650,000	708,500
Teva Pharmaceutical Finance Company LLC 6.150%, 02/01/2036	250,000	244,375
Teva Pharmaceutical Finance Netherlands III BV 2.800%, 07/21/2023	800,000	756,000
US Renal Care, Inc. 10.625%, 07/15/2027 (A)	750,000	780,000
		15,245,369
Industrials – 9.4%		
Ahern Rentals, Inc. 7.375%, 05/15/2023 (A)	530,000	230,550
Allison Transmission, Inc. 5.000%, 10/01/2024 (A)	640,000	644,800
Builders FirstSource, Inc. 5.000%, 03/01/2030 (A)	230,000	215,625
BWX Technologies, Inc. 5.375%, 07/15/2026 (A)	560,000	575,613
Clark Equipment Company 5.875%, 06/01/2025 (A)	280,000	288,750
Cleaver-Brooks, Inc. 7.875%, 03/01/2023 (A)	210,000	175,919
Continental Airlines 2000-1 Class B Pass Through Trust 8.388%, 11/01/2020	143	139
Covanta Holding Corp. 5.875%, 07/01/2025	500,000	493,855
Delta Air Lines, Inc. 3.625%, 03/15/2022	560,000	509,739
FXI Holdings, Inc. 7.875%, 11/01/2024 (A)	767,000	631,832
GFL Environmental, Inc. 5.125%, 12/15/2026 (A)	160,000	166,400
	288,000	303,120
	818,000	896,733
Global Aircraft Leasing Company, Ltd. (6.500% Cash or 7.250% PIK) 6.500%, 09/15/2024 (A)	2,570,000	1,398,286

Centene Corp.				Navios Maritime Acquisition Corp.		
3.375%, 02/15/2030	250,000	251,750		8.125%, 11/15/2021 (A)	450,000	279,000
4.625%, 12/15/2029	390,000	419,835		Park-Ohio Industries, Inc.		
5.375%, 06/01/2026 (A)	570,000	602,775		6.625%, 04/15/2027	348,000	268,962
Community Health Systems, Inc.				Prime Security Services Borrower LLC		
6.625%, 02/15/2025 (A)	940,000	907,100		5.750%, 04/15/2026 (A)	1,630,000	1,678,900
8.000%, 03/15/2026 (A)	400,000	390,750		6.250%, 01/15/2028 (A)	1,060,000	1,004,350
DaVita, Inc.				Sensata Technologies, Inc.		
5.000%, 05/01/2025	310,000	318,138		4.375%, 02/15/2030 (A)	420,000	408,450
HCA, Inc.				Signature Aviation US Holdings, Inc.		
5.625%, 09/01/2028	1,000,000	1,146,250		5.375%, 05/01/2026 (A)	790,000	749,860
HLF Financing Sarl LLC				Standard Industries, Inc.		
7.250%, 08/15/2026 (A)	610,000	605,425		4.750%, 01/15/2028 (A)	320,000	322,096
LifePoint Health, Inc.				The ADT Security Corp.		
4.375%, 02/15/2027 (A)	530,000	511,450		4.125%, 06/15/2023	830,000	832,075
Par Pharmaceutical, Inc.				The Azek Company LLC		
7.500%, 04/01/2027 (A)	710,000	723,270		9.500%, 05/15/2025 (A)	320,000	342,400
Polaris Intermediate Corp. (8.500% Cash or 9.250% PIK) 8.500%, 12/01/2022 (A)	620,000	542,891		The Boeing Company		
				5.150%, 05/01/2030	830,000	886,302

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
TransDigm, Inc.		
6.250%, 03/15/2026 (A)	\$ 630,000	\$ 644,175
8.000%, 12/15/2025 (A)	370,000	399,600
United Rentals North America, Inc.		
3.875%, 11/15/2027	180,000	180,450
5.250%, 01/15/2030	1,100,000	1,146,750
5.500%, 05/15/2027	490,000	519,968
Waste Pro USA, Inc.		
5.500%, 02/15/2026 (A)	580,000	573,342
WESCO Distribution, Inc.		
7.125%, 06/15/2025 (A)	180,000	180,000
7.250%, 06/15/2028 (A)	340,000	337,430
XPO CNW, Inc.		
6.700%, 05/01/2034	740,000	725,200
XPO Logistics, Inc.		
6.250%, 05/01/2025 (A)	540,000	563,544
		18,574,215
Information technology – 4.3%		
Alliance Data Systems Corp.		
4.750%, 12/15/2024 (A)	600,000	536,820

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Materials (continued)		
First Quantum Minerals, Ltd. (continued)		
7.500%, 04/01/2025 (A)	\$ 446,000	\$ 404,745
Flex Acquisition Company, Inc.		
7.875%, 07/15/2026 (A)	810,000	810,000
Freeport-McMoRan, Inc.		
3.550%, 03/01/2022	337,000	340,370
5.450%, 03/15/2043	1,790,000	1,769,039
Greif, Inc.		
6.500%, 03/01/2027 (A)	1,179,000	1,190,790
Hudbay Minerals, Inc.		
7.625%, 01/15/2025 (A)	510,000	463,636
Mercer International, Inc.		
5.500%, 01/15/2026	590,000	533,950
7.375%, 01/15/2025	220,000	214,546
Midwest Vanadium Pty, Ltd.		
11.500%, 02/15/2018 (A)(B)	1,953,148	2,441
Northwest Acquisitions ULC		
7.125%, 11/01/2022 (A)	1,140,000	11,400
Olin Corp.		
5.000%, 02/01/2030	560,000	481,600

Amkor Technology, Inc. 6.625%, 09/15/2027 (A)	780,000	824,850	Pactiv LLC 7.950%, 12/15/2025	1,200,000	1,278,000
CDK Global, Inc. 5.250%, 05/15/2029 (A)	20,000	20,400	Teck Resources, Ltd. 5.200%, 03/01/2042	970,000	880,490
5.875%, 06/15/2026	520,000	547,300	U.S. Concrete, Inc. 6.375%, 06/01/2024	260,000	260,650
CDW LLC 4.250%, 04/01/2028	640,000	651,021			13,100,296
CommScope Technologies LLC 5.000%, 03/15/2027 (A)	250,000	228,750	Real estate – 4.0%		
6.000%, 06/15/2025 (A)	280,000	272,222	CoreCivic, Inc. 4.625%, 05/01/2023	280,000	271,600
CommScope, Inc. 8.250%, 03/01/2027 (A)	1,370,000	1,428,225	5.000%, 10/15/2022	370,000	362,600
Entegris, Inc. 4.375%, 04/15/2028 (A)	700,000	715,414	CTR Partnership LP 5.250%, 06/01/2025	410,000	420,250
Fair Isaac Corp. 4.000%, 06/15/2028 (A)	440,000	441,650	Five Point Operating Company LP 7.875%, 11/15/2025 (A)	1,240,000	1,215,200
j2 Cloud Services LLC 6.000%, 07/15/2025 (A)	760,000	791,350	Forestar Group, Inc. 5.000%, 03/01/2028 (A)	700,000	665,000
Level 3 Financing, Inc. 5.250%, 03/15/2026	580,000	600,300	8.000%, 04/15/2024 (A)	780,000	819,000
Microchip Technology, Inc. 4.250%, 09/01/2025 (A)	440,000	442,996	MPT Operating Partnership LP 4.625%, 08/01/2029	380,000	376,200
Open Text Holdings, Inc. 4.125%, 02/15/2030 (A)	400,000	395,000	5.000%, 10/15/2027	720,000	744,300
Western Digital Corp. 4.750%, 02/15/2026	560,000	589,400	The GEO Group, Inc. 5.875%, 10/15/2024	850,000	703,375
		8,485,698	6.000%, 04/15/2026	1,500,000	1,170,000
Materials – 6.6%			VICI Properties LP 4.625%, 12/01/2029 (A)	1,080,000	1,077,473
Alcoa Nederland Holding BV 7.000%, 09/30/2026 (A)	280,000	287,062			7,824,998
ARD Finance SA (6.500% Cash or 7.250% PIK) 6.500%, 06/30/ 2027 (A)	540,000	533,450	Utilities – 0.4%		
Ardagh Packaging Finance PLC 5.250%, 08/15/2027 (A)	520,000	512,200	Talen Energy Supply LLC 6.625%, 01/15/2028 (A)	510,000	499,994
6.000%, 02/15/2025 (A)	800,000	824,760	10.500%, 01/15/2026 (A)	400,000	316,000
BHP Billiton Finance USA, Ltd. (6.750% to 10-20-25, then 5 Year U.S. Swap Rate + 5.093%) 10/19/ 2075 (A)	460,000	527,560			815,994
Cascades, Inc. 5.125%, 01/15/2026 (A)	10,000	10,250	TOTAL CORPORATE BONDS (Cost \$176,016,879)		\$ 167,746,851
5.375%, 01/15/2028 (A)	610,000	619,150	CONVERTIBLE BONDS – 1.0%		
First Quantum Minerals, Ltd. 6.875%, 03/01/2026 (A)	620,000	548,700	Communication services – 0.6%		
7.250%, 04/01/2023 (A)	644,000	595,507	DISH Network Corp. 2.375%, 03/15/2024	830,000	714,319
			3.375%, 08/15/2026	220,000	193,853
			Live Nation Entertainment, Inc. 2.000%, 02/15/2025 (A)	300,000	250,428

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

High Yield Fund (continued)

	Shares or Principal Amount	Value		Shares or Principal Amount	Value
CONVERTIBLE BONDS (continued)			TERM LOANS (E) (continued)		
Communication services (continued)			Health care – 1.5%		
Vonage Holdings Corp. 1.750%, 06/01/2024 (A)	\$ 120,000	\$ 112,678	Eyecare Partners LLC, 2020 2nd Lien Term Loan (3 month LIBOR + 8.250%) 9.139%, 02/18/2028	\$ 430,000	\$ 365,500
		1,271,278	Eyecare Partners LLC, 2020 Term Loan (3 month LIBOR + 3.750%) 4.822%, 02/05/2027	470,270	427,946
Energy – 0.1%			McAfee LLC, 2018 USD Term Loan B (1 month LIBOR + 3.750%) 3.924%, 09/30/2024	823,728	809,313
Cheniere Energy, Inc. 4.250%, 03/15/2045	360,000	217,540	Option Care Health, Inc., Term Loan B (1 month LIBOR + 4.500%) 4.674%, 08/06/2026	768,075	738,635
Industrials – 0.1%			US Renal Care, Inc., 2019 Term Loan B (1 month LIBOR + 5.000%) 5.188%, 06/26/2026	623,100	592,612
Air Canada 4.000%, 07/01/2025 (A)	130,000	133,413			2,934,006
Information technology – 0.2%			Industrials – 1.0%		
Vishay Intertechnology, Inc. 2.250%, 06/15/2025	460,000	421,402	Cornerstone Building Brands, Inc., 2018 Term Loan (1 month LIBOR + 3.750%) 3.948%, 04/12/2025	662,963	629,815
TOTAL CONVERTIBLE BONDS (Cost \$2,305,202)		\$ 2,043,633	Delta Air Lines, Inc., 2020 Term Loan B (3 month LIBOR + 4.750%) 5.750%, 04/29/2023	750,000	739,373
TERM LOANS (E) – 5.9%			Temple Generation I LLC, 2nd Lien Term Loan (1 month LIBOR + 8.000%) 9.000%, 02/07/2023	667,215	660,543
Communication services – 0.4%					2,029,731
Allen Media LLC, 2020 Term Loan B (3 month LIBOR + 5.500%) 5.823%, 02/10/2027	300,000	282,750	Information technology – 0.3%		
iHeartCommunications, Inc., 2020 Term Loan (1 month LIBOR + 3.000%) 3.174%, 05/01/2026	444,739	414,719	Global Tel*Link Corp., 2018 1st Lien Term Loan (3 month LIBOR + 4.250%) 5.700%, 11/29/2025	811,240	675,357
		697,469	Real estate – 0.3%		
Consumer discretionary – 1.4%			CoreCivic, Inc., 2019 Term Loan (1 month LIBOR + 4.500%) 5.500%, 12/18/2024	513,500	477,555
CEOC LLC, Exit Term Loan (1 month LIBOR + 2.000%) 2.174%, 10/07/ 2024	864,340	838,842	TOTAL TERM LOANS (Cost \$13,602,127)		\$ 11,652,286
Clarios Global LP, USD Term Loan B (1 month LIBOR + 3.500%) 3.674%, 04/30/2026	577,100	548,245	ASSET BACKED SECURITIES – 4.0%		
Michaels Stores, Inc., 2018 Term Loan B (1 and 3 month LIBOR + 2.500%) 3.534%, 01/30/2023	269,230	233,557	Benefit Street Partners CLO, Ltd. Series 2017-12A, Class C (3 month LIBOR + 3.050%) 4.269%, 10/15/2030 (A)(C)	250,000	216,264
Mohegan Gaming & Entertainment, 2016 Term Loan B (3 month LIBOR + 4.375%) 5.375%, 10/13/2023	698,148	517,795	BlueMountain CLO, Ltd. Series 2012-2A, Class ER2 (3 month LIBOR + 5.750%) 6.127%, 11/20/2028 (A)(C)	500,000	356,218
Spencer Spirit IH LLC, Term Loan B (1 month LIBOR + 6.000%) 6.168%, 06/19/2026	790,578	698,341	Series 2016-2A, Class DR (3 month LIBOR + 7.790%) 8.167%, 08/20/2032 (A)(C)	375,000	291,672
		2,836,780	Bowman Park CLO, Ltd. Series 2014-1A, Class D1R (3 month LIBOR + 3.350%) 3.710%, 11/23/2025 (A)(C)	500,000	487,845
Energy – 0.2%					
Chesapeake Energy Corp., 2019 Last Out Term Loan (2 month LIBOR + 8.000%) 9.000%, 06/24/2024	630,000	332,848			
Permian Production Partners LLC, Term Loan 0.000%, 05/20/2024 (B)	807,500	40,375			
		373,223			
Financials – 0.8%					
Acrisure LLC, 2020 Term Loan B (3 month LIBOR + 3.500%) 3.765%, 02/15/2027	540,000	504,565			

Amerilife Holdings LLC, 2020 Term Loan (1 month LIBOR + 4.000%) 4.370%, 03/18/2027	159,545	146,782		
Duff + Phelps Corp., 2020 2nd Lien Term Loan (1 month LIBOR + 8.000%) 9.000%, 04/07/2028	620,000	570,400		
Jane Street Group LLC, 2020 Term Loan (1 month LIBOR + 3.000%) 3.174%, 01/31/2025	416,839	406,418		
		1,628,165		
Cook Park CLO, Ltd. Series 2018-1A, Class E (3 month LIBOR + 5.400%) 6.535%, 04/17/2030 (A)(C)			250,000	191,356
Cumberland Park CLO, Ltd. Series 2015-2A, Class ER (3 month LIBOR + 5.650%) 6.785%, 07/20/2028 (A)(C)			250,000	192,863
Greenwood Park CLO, Ltd. Series 2018-1A, Class D (3 month LIBOR + 2.500%) 3.719%, 04/15/2031 (A)(C)			530,000	471,401

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Greenwood Park CLO, Ltd. (continued)		
Series 2018-1A, Class E (3 month LIBOR + 4.950%) 6.169%, 04/15/2031 (A)(C)	\$ 750,000	\$ 580,018
Greywolf CLO, Ltd.		
Series 2019-1A, Class C (3 month LIBOR + 3.950%) 5.085%, 04/17/2030 (A)(C)	430,000	404,180
Halsey Point CLO, Ltd.		
Series 2019-1A, Class E (3 month LIBOR + 7.700%) 9.607%, 01/20/2033 (A)(C)	600,000	521,249
Jackson Mill CLO, Ltd.		
Series 2015-1A, Class DR (3 month LIBOR + 2.800%) 4.019%, 04/15/2027 (A)(C)	250,000	218,117
LCM, Ltd.		
Series 2022-A, Class DR (3 month LIBOR + 5.500%) 6.635%, 10/20/2028 (A)(C)	500,000	343,376
Madison Park Funding, Ltd.		
Series 2014-13A, Class DR2 (3 month LIBOR + 2.850%) 3.985%, 04/19/2030 (A)(C)	1,000,000	907,050
Oaktree CLO, Ltd.		
Series 2019-1A, Class D (3 month LIBOR + 3.800%) 4.898%, 04/22/2030 (A)(C)	250,000	210,796
OZLM, Ltd.		
Series 2015-11A, Class CR (3 month LIBOR + 3.600%) 4.360%, 10/30/2030 (A)(C)	1,000,000	909,100

High Yield Fund (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
Financials (continued)		
GMAC Capital Trust I (3 month LIBOR + 5.785%), 6.177% (C)	43,100	\$ 973,629
		1,370,786
Industrials – 0.1%		
Stanley Black & Decker, Inc. (5.000% to 5-15-23, then 10.000% thereafter)	250	261,250
TOTAL PREFERRED SECURITIES (Cost \$1,784,125)		\$ 1,632,036
SHORT-TERM INVESTMENTS – 0.3%		
Short-term funds – 0.3%		
John Hancock Collateral Trust, 0.3653% (J)(K)	39,454	395,001
State Street Institutional Treasury Plus Money Market Fund, Premier Class, 0.1486% (J)	214,665	214,665
TOTAL SHORT-TERM INVESTMENTS (Cost \$609,630)		\$ 609,666
Total Investments (High Yield Fund)		
(Cost \$228,736,606) – 98.2%		
Other assets and liabilities, net – 1.8%		
TOTAL NET ASSETS – 100.0%		
\$ 198,271,429		

Currency Abbreviations

BRL	Brazilian Real
CAD	Canadian Dollar
EUR	Euro
GBP	Pound Sterling
IDR	Indonesian Rupiah

Security Abbreviations and Legend

CMT	Constant Maturity Treasury
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Shackleton CLO, Ltd. Series 2013-3A, Class DR (3 month LIBOR + 3.020%) 4.239%, 07/15/2030 (A)(C)	500,000	417,509
TCI-Symphony CLO, Ltd. Series 2016-1A, Class DR (3 month LIBOR + 3.000%) 4.311%, 10/13/2029 (A)(C)	540,000	485,607
Thayer Park CLO, Ltd. Series 2017-1A, Class C (3 month LIBOR + 3.700%) 4.835%, 04/20/2029 (A)(C)	250,000	240,658
Voya CLO, Ltd. Series 2017-1A, Class C (3 month LIBOR + 3.330%) 4.465%, 04/17/2030 (A)(C)	500,000	458,129
TOTAL ASSET BACKED SECURITIES (Cost \$9,014,500)		\$ 7,903,408
COMMON STOCKS – 0.8%		
Communication services – 0.0%		
New Cotai, Inc., Class B (F)(G)(H)	11	0
Energy – 0.8%		
Berry Corp.	211,334	896,046
Hercules Offshore, Inc. (G)(H)	120,022	106,183
KCAD Holdings I, Ltd. (F)(G)(H)	752,218,031	752
Montage Resources Corp. (H)(I)	66,492	406,931
MWO Holdings LLC (F)(G)(H)	1,134	65,851
		1,475,763
TOTAL COMMON STOCKS (Cost \$22,029,823)		\$ 1,475,763
PREFERRED SECURITIES – 0.8%		
Financials – 0.7%		
B. Riley Financial, Inc., 6.875%	16,425	397,157

ICE	Intercontinental Exchange
LIBOR	London Interbank Offered Rate
PIK	Pay-in-Kind Security - Represents a payment-in-kind which may pay interest in additional par and/or cash. Rates shown are the current rate and most recent payment rate.
(A)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$113,854,686 or 57.4% of the fund's net assets as of 5-31-20.
(B)	Non-income producing - Issuer is in default.
(C)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(D)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(E)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(F)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to Portfolio of Investments.
(G)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.
(H)	Non-income producing security.
(I)	All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$385,746.
(J)	The rate shown is the annualized seven-day yield as of 5-31-20.
(K)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
5-Year U.S. Treasury Note Futures	177	Long	Sep 2020	\$22,224,210	\$22,235,625	\$11,415
10-Year U.S. Treasury Note Futures	61	Short	Sep 2020	(8,462,812)	(8,482,813)	(20,001)
U.S. Treasury Long Bond Futures	16	Short	Sep 2020	(2,852,323)	(2,854,000)	(1,677)
						\$(10,263)

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

FORWARD FOREIGN CURRENCY CONTRACTS

Contract to buy		Contract to sell		Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
GBP	587,667	USD	729,187	JPM	7/16/2020	—	\$(3,283)
MXN	3,526,523	USD	140,948	JPM	7/16/2020	\$17,041	—
USD	2,831,972	CAD	3,950,827	BNP	7/16/2020	—	(37,559)
USD	773,145	EUR	708,000	BNP	7/16/2020	—	(13,484)
USD	177,466	EUR	161,743	JPM	7/16/2020	—	(2,240)
						\$17,041	\$(56,566)

SWAPS

Credit default swaps - Seller

Counterparty (OTC)/ Centrally cleared	Reference obligation	Implied credit spread	Notional amount	Currency	USD notional amount	Received fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Centrally cleared	Ford Motor Credit Company LLC	4.220%	643,000	USD	\$643,000	5.000%	Quarterly	Jun 2023	\$(41,554)	\$61,595	\$20,041
					\$643,000				\$(41,554)	\$61,595	\$20,041

Derivatives Currency Abbreviations

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

Derivatives Abbreviations

BNP	BNP Paribas
JPM	JPMorgan Chase Bank, N.A.
OTC	Over-the-counter

International Strategic Equity Allocation Fund

	Shares or Principal Amount	Value
COMMON STOCKS - 91.1%		
Australia - 4.2%		
AGL Energy, Ltd.	51,663	\$ 578,811
Alumina, Ltd.	194,336	192,393
AMP, Ltd. (A)	272,273	296,905
Ampol, Ltd.	20,003	361,884
APA Group	94,514	732,464
Aristocrat Leisure, Ltd.	46,055	794,413
ASX, Ltd.	15,641	921,852
Aurizon Holdings, Ltd.	157,983	501,176
AusNet Services	144,763	169,739
Australia & New Zealand Banking Group, Ltd.	226,570	2,696,533

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
BlueScope Steel, Ltd.	40,646	\$ 299,464
Boral, Ltd.	93,373	194,341
Brambles, Ltd.	124,753	971,078
Challenger, Ltd.	46,349	155,303
CIMIC Group, Ltd.	7,461	124,405
Coca-Cola Amatil, Ltd.	40,116	234,597
Cochlear, Ltd.	5,129	661,487
Coles Group, Ltd.	106,811	1,093,428
Commonwealth Bank of Australia	142,213	6,038,953
Computershare, Ltd.	39,046	341,943
Crown Resorts, Ltd.	30,488	195,350
CSL, Ltd.	36,393	6,739,771
Dexus	87,618	527,077

Bendigo & Adelaide Bank, Ltd.	42,222	173,418
BHP Group PLC	115,642	2,274,188
BHP Group, Ltd.	236,425	5,564,473

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
Flight Centre Travel Group, Ltd.	11,122	\$ 97,502
Fortescue Metals Group, Ltd.	111,600	1,033,130
Goodman Group	132,175	1,357,875
Harvey Norman Holdings, Ltd.	45,362	98,436
Incitec Pivot, Ltd.	132,580	177,770
Insurance Australia Group, Ltd.	189,365	773,265
Lendlease Group	45,273	391,372
Macquarie Group, Ltd.	27,195	2,000,206
Magellan Financial Group, Ltd.	10,574	413,497
Medibank Pvt., Ltd.	228,488	433,905
Mirvac Group	314,463	493,356
National Australia Bank, Ltd.	231,586	2,730,742
Newcrest Mining, Ltd.	61,520	1,246,578
Oil Search, Ltd.	154,195	358,507
Orica, Ltd.	32,731	375,898
Origin Energy, Ltd.	140,689	553,039
Qantas Airways, Ltd.	60,495	161,487
QBE Insurance Group, Ltd.	122,665	722,745
Ramsay Health Care, Ltd.	16,632	777,821
REA Group, Ltd.	4,117	276,861
Santos, Ltd.	141,919	508,417
Scentre Group	420,134	626,278
SEEK, Ltd.	26,355	354,038
Sonic Healthcare, Ltd.	36,259	681,617
South32, Ltd.	394,030	498,199
Stockland	189,692	452,900
Suncorp Group, Ltd.	104,289	643,136
Sydney Airport	88,967	348,086
Tabcorp Holdings, Ltd.	160,587	345,577
Telstra Corp., Ltd.	334,371	716,136
The GPT Group	155,036	412,895
TPG Telecom, Ltd.	29,365	165,080
Transurban Group	219,466	2,096,198
Treasury Wine Estates, Ltd.	57,970	372,718
Vicinity Centres	254,879	274,185

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Belgium (continued)		
Umicore SA (B)	6,768	\$ 300,736
		3,739,088
Brazil - 0.8%		
Ambev SA	294,500	688,747
Atacadao SA	23,700	82,119
B2W Cia Digital (A)	12,800	219,766
B3 SA - Brasil Bolsa Balcao	129,020	1,101,299
Banco Bradesco SA	82,536	275,310
Banco BTG Pactual SA	15,900	145,523
Banco do Brasil SA	53,700	310,348
Banco Santander Brasil SA	25,500	121,854
BB Seguridade Participacoes SA	45,600	216,024
BR Malls Participacoes SA	49,635	91,247
BRF SA (A)	35,600	154,307
CCR SA	75,300	207,430
Centrais Eletricas Brasileiras SA	16,200	86,915
Cia Brasileira de Distribuicao	9,800	115,661
Cia de Saneamento Basico do Estado de Sao Paulo	21,200	215,802
Cia Siderurgica Nacional SA	37,500	72,522
Cielo SA	74,960	57,453
Cogna Educacao	111,000	109,413
Cosan SA (A)	10,000	123,400
Embraer SA (A)	44,500	59,625
Energisa SA	10,000	89,013
Engie Brasil Energia SA	11,925	94,773
Equatorial Energia SA (A)	52,600	197,633
Hapvida Participacoes e Investimentos SA (C)	13,900	142,899
Hypera SA	23,700	143,098
IRB Brasil Resseguros SA	46,900	72,948
JBS SA	68,200	280,785
Klabin SA	43,000	158,824
Localiza Rent a Car SA	37,745	272,179
Lojas Renner SA	48,839	352,818
Magazine Luiza SA	45,400	547,475

Washington H Soul Pattinson & Company, Ltd.	9,601	121,757	Multiplan Empreendimentos Imobiliarios SA	17,200	66,688
Wesfarmers, Ltd.	90,726	2,443,649	Natura & Company Holding SA	40,300	280,785
Westpac Banking Corp.	285,285	3,253,941	Notre Dame Intermedica Participacoes SA	30,300	353,745
WiseTech Global, Ltd.	11,442	156,002	Petrobras Distribuidora SA	43,200	175,187
Woodside Petroleum, Ltd.	74,762	1,127,973	Petroleo Brasileiro SA	229,900	897,835
Woolworths Group, Ltd.	101,012	2,379,490	Porto Seguro SA	6,200	54,956
Worley, Ltd.	26,580	149,308	Raia Drogasil SA	14,300	293,273
		65,437,018	Rumo SA (A)	67,400	284,565
Austria - 0.2%			Sul America SA	19,096	160,496
ANDRITZ AG (B)	9,193	344,423	Suzano SA (A)	33,627	238,577
Erste Group Bank AG	38,724	856,533	TIM Participacoes SA	53,100	135,529
OMV AG	18,754	619,704	Ultrapar Participacoes SA	44,600	143,086
Raiffeisen Bank International AG	18,682	342,303	Vale SA	197,370	1,960,274
Verbund AG	8,618	384,236	WEG SA	52,320	410,124
voestalpine AG	14,723	287,534			12,262,330
		2,834,733	Canada - 8.0%		
Belgium - 0.2%			Agnico Eagle Mines, Ltd.	25,115	1,606,842
Ageas SA/NV	7,481	255,358	Air Canada (A)	14,288	164,999
Anheuser-Busch InBev SA/NV (B)	26,828	1,251,932	Algonquin Power & Utilities Corp. (B)	56,617	792,807
Colruyt SA	1,863	112,448	Alimentation Couche-Tard, Inc., Class B (B)	91,634	2,868,450
Galapagos NV (A)	1,601	324,793	AltaGas, Ltd.	30,364	325,947
Groupe Bruxelles Lambert SA	2,845	230,906	Atco, Ltd., Class I	8,912	251,207
KBC Group NV	8,578	450,064	Aurora Cannabis, Inc. (A)(B)	9,766	136,682
Proximus SADP	5,242	108,762	Bank of Montreal	67,804	3,344,771
Solvay SA (B)	2,554	195,024			
Telenet Group Holding NV	1,471	60,183			
UCB SA	4,485	448,882			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
BCE, Inc.	17,371	\$ 722,041
BlackBerry, Ltd. (A)(B)	56,251	261,471
Bombardier, Inc., Class B (A)(B)	229,701	74,240
Brookfield Asset Management, Inc., Class A	141,914	4,455,781
CAE, Inc.	28,565	428,625
Cameco Corp.	42,042	456,802
Canadian Apartment Properties REIT	9,167	312,524
Canadian Imperial Bank of Commerce	47,538	3,048,357
Canadian National Railway Company	75,491	6,502,693
Canadian Natural Resources, Ltd.	124,640	2,276,716

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
Saputo, Inc. (B)	26,421	\$ 649,179
Shaw Communications, Inc., Class B	50,908	858,912
Shopify, Inc., Class A (A)	10,865	8,246,068
SmartCentres Real Estate Investment Trust	9,236	134,832
Sun Life Financial, Inc.	66,188	2,270,443
Suncor Energy, Inc.	161,628	2,778,614
TC Energy Corp.	98,499	4,439,019
Teck Resources, Ltd., Class B	52,126	495,194
TELUS Corp. (B)	44,028	762,979
The Bank of Nova Scotia	128,769	5,159,738

Canadian Pacific Railway, Ltd.	14,514	3,637,856	The Toronto-Dominion Bank	190,572	8,163,516
Canadian Tire Corp., Ltd., Class A (B)	6,522	557,154	Thomson Reuters Corp.	21,605	1,447,081
Canadian Utilities, Ltd., Class A	14,696	352,657	West Fraser Timber Company, Ltd.	5,876	159,015
Canopy Growth Corp. (A)(B)	22,135	389,213	Wheaton Precious Metals Corp. (B)	47,000	2,024,941
CCL Industries, Inc., Class B	16,203	545,925	WSP Global, Inc.	11,485	741,226
Cenovus Energy, Inc.	110,819	482,924			125,898,484
CGI, Inc. (A)	25,485	1,628,478	Chile - 0.2%		
CI Financial Corp.	25,366	300,667	Aguas Andinas SA, Class A	236,050	69,335
Constellation Software, Inc.	2,124	2,414,450	Antofagasta PLC	21,801	238,042
Cronos Group, Inc. (A)(B)	20,378	133,648	Banco de Chile	4,202,759	357,109
Dollarama, Inc.	31,515	1,068,468	Banco de Credito e Inversiones SA	4,652	157,508
Emera, Inc. (B)	25,822	1,026,616	Banco Santander Chile	5,841,998	237,942
Empire Company, Ltd., Class A	18,766	424,700	Cencosud SA	135,436	158,212
Enbridge, Inc.	212,681	6,917,133	Cia Cervecerias Unidas SA	13,876	100,343
Fairfax Financial Holdings, Ltd.	2,930	813,914	Colbun SA	733,269	119,940
First Capital Real Estate Investment Trust (B)	12,752	121,236	Empresa Nacional de Telecomunicaciones SA	14,564	92,799
First Quantum Minerals, Ltd.	73,099	428,448	Empresas CMPC SA	104,907	213,641
Fortis, Inc.	47,166	1,815,935	Empresas COPEC SA	36,371	229,477
Franco-Nevada Corp.	19,812	2,780,889	Enel Americas SA	3,553,060	517,156
George Weston, Ltd.	8,282	598,270	Enel Chile SA	2,564,851	192,236
Gildan Activewear, Inc. (B)	22,098	306,549	Falabella SA	70,514	164,304
Great-West Lifeco, Inc.	35,058	570,869	Itau CorpBanca Chile SA	12,517,754	29,089
H&R Real Estate Investment Trust	16,211	114,208	Latam Airlines Group SA (A)	23,703	25,468
Husky Energy, Inc.	37,579	105,899			2,902,601
Hydro One, Ltd. (C)	36,000	697,592	China - 8.2%		
iA Financial Corp., Inc.	13,413	428,347	3SBio, Inc. (A)(C)	100,100	119,842
IGM Financial, Inc.	10,607	251,915	51job, Inc., ADR (A)	2,100	135,429
Imperial Oil, Ltd.	28,401	443,698	58.com, Inc., ADR (A)	7,400	355,274
Intact Financial Corp.	15,007	1,432,633	AAC Technologies Holdings, Inc. (B)	57,600	298,617
Inter Pipeline, Ltd. (B)	44,690	409,297	Agile Group Holdings, Ltd.	107,900	111,985
Keyera Corp. (B)	23,252	368,492	Agricultural Bank of China, Ltd., H Shares	2,312,200	938,364
Kinross Gold Corp. (A)	131,934	857,617	Air China, Ltd., H Shares	133,300	80,733
Kirkland Lake Gold, Ltd.	28,556	1,100,262	Alibaba Group Holding, Ltd., ADR (A)	137,800	28,578,342
Linamar Corp.	319	8,860	A-Living Services Company, Ltd., H Shares (C)	34,250	185,206
Loblaw Companies, Ltd.	19,704	975,433	Aluminum Corp. of China, Ltd., H Shares (A)	306,600	56,845
Lundin Mining Corp. (B)	72,696	334,744	Anhui Conch Cement Company, Ltd., H Shares	97,100	732,182
Magna International, Inc.	31,373	1,322,959	ANTA Sports Products, Ltd.	85,500	766,253
Methanex Corp.	7,912	128,203	Autohome, Inc., ADR (B)	4,600	353,878
Metro, Inc.	27,276	1,137,515	AviChina Industry & Technology Company, Ltd., H Shares	192,000	87,824
National Bank of Canada (B)	35,757	1,557,170	BAIC Motor Corp., Ltd., H Shares (C)	135,500	54,928
Nutrien, Ltd.	60,829	2,076,452	Baidu, Inc., ADR (A)	21,800	2,322,790
Onex Corp.	9,469	444,342	Bank of China, Ltd., H Shares	6,291,600	2,312,679
Open Text Corp.	29,209	1,213,462	Bank of Communications Company, Ltd., H Shares	674,900	411,209
Parkland Corp.	15,938	448,211	Baozun, Inc., ADR (A)(B)	3,400	90,066
Pembina Pipeline Corp.	57,869	1,445,832	BBMG Corp., H Shares	174,000	36,445
Power Corp. of Canada	63,392	1,031,786			
PrairieSky Royalty, Ltd.	23,786	156,863			
Quebecor, Inc., Class B	19,343	425,255			
Restaurant Brands International, Inc.	30,069	1,642,728			
RioCan Real Estate Investment Trust (B)	19,470	205,893			
Rogers Communications, Inc., Class B	38,380	1,608,400			
Royal Bank of Canada	151,768	9,846,705			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
BeiGene, Ltd., ADR (A)(B)	2,900	\$ 480,066
Beijing Capital International Airport Company, Ltd., H Shares	134,900	84,515
BEST, Inc., ADR (A)	15,600	80,808
BYD Company, Ltd., H Shares	50,000	286,948
BYD Electronic International Company, Ltd.	53,900	104,293
CGN Power Company, Ltd., H Shares (C)	827,900	190,723
China Aoyuan Group, Ltd.	96,000	102,938
China Cinda Asset Management Company, Ltd., H Shares	748,200	139,372
China CITIC Bank Corp., Ltd., H Shares	695,000	303,718
China Coal Energy Company, Ltd., H Shares	166,000	39,984
China Communications Construction Company, Ltd., H Shares	349,500	223,541
China Communications Services Corp., Ltd., H Shares	187,200	124,840
China Conch Venture Holdings, Ltd.	128,300	579,066
China Construction Bank Corp., H Shares	7,622,500	6,011,815
China East Education Holdings, Ltd. (C)	43,000	84,970
China Eastern Airlines Corp., Ltd., H Shares (B)	134,000	45,708
China Everbright Bank Company, Ltd., H Shares	253,000	103,025
China Evergrande Group (B)	146,900	309,626
China Galaxy Securities Company, Ltd., H Shares	297,500	144,199
China Hongqiao Group, Ltd.	138,000	61,228
China Huarong Asset Management Company, Ltd., H Shares (C)	834,600	85,851
China Huishan Dairy Holdings Company, Ltd. (A)(D)	175,000	0
China International Capital Corp., Ltd., H Shares (A)(B)(C)	108,000	176,222
China Lesso Group Holdings, Ltd.	85,000	103,339

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
China Resources Pharmaceutical Group, Ltd. (C)	126,100	\$ 68,944
China Shenhua Energy Company, Ltd., H Shares	268,000	490,896
China Southern Airlines Company, Ltd., H Shares (B)	118,800	49,482
China Telecom Corp., Ltd., H Shares	1,111,100	368,588
China Tower Corp., Ltd., H Shares (C)	3,328,000	675,915
China Vanke Company, Ltd., H Shares	116,900	381,619
China Zhongwang Holdings, Ltd.	122,400	23,199
Chongqing Rural Commercial Bank Company, Ltd., H Shares	201,700	77,719
CIFI Holdings Group Company, Ltd.	216,000	156,915
CITIC Securities Company, Ltd., H Shares	164,700	299,122
CNOOC, Ltd.	1,416,500	1,618,297
COSCO SHIPPING Energy Transportation Company, Ltd., H Shares	94,000	46,853
COSCO SHIPPING Holdings Company, Ltd., H Shares (A)(B)	189,000	48,111
Country Garden Holdings Company, Ltd.	608,300	761,435
Country Garden Services Holdings Company, Ltd. (A)	96,000	454,849
CRRC Corp., Ltd., H Shares	352,500	165,650
CSPC Pharmaceutical Group, Ltd.	370,300	729,970
Dali Foods Group Company, Ltd. (C)	160,500	102,089
Datang International Power Generation Company, Ltd., H Shares	222,000	29,934
Dongfeng Motor Group Company, Ltd., H Shares	217,300	137,471
ENN Energy Holdings, Ltd.	62,400	732,577
Fosun International, Ltd.	206,500	267,290
Fuyao Glass Industry Group Company, Ltd., H Shares (B)(C)	36,500	80,605
GDS Holdings, Ltd., ADR (A)(B)	4,800	273,600
Genscript Biotech Corp. (A)(B)	74,000	163,344
GF Securities Company, Ltd., H Shares	114,200	117,464
GOME Retail Holdings, Ltd. (A)	723,200	90,149

China Life Insurance Company, Ltd., H Shares	609,200	1,154,387	Great Wall Motor Company, Ltd., H Shares	244,400	155,651
China Literature, Ltd. (A)(C)	20,000	114,299	Greentown Service Group Company, Ltd.	84,000	113,196
China Longyuan Power Group Corp., Ltd., H Shares	249,700	121,947	Guangzhou Automobile Group Company, Ltd., H Shares	231,080	191,390
China Medical System Holdings, Ltd.	108,300	124,194	Guangzhou R&F Properties Company, Ltd., H Shares	103,600	128,734
China Merchants Bank Company, Ltd., H Shares	307,200	1,447,545	Guotai Junan Securities Company, Ltd., H Shares (C)	71,000	94,026
China Minsheng Banking Corp., Ltd., H Shares	542,520	378,792	Haidilao International Holding, Ltd. (B)(C)	28,000	136,206
China Molybdenum Company, Ltd., H Shares	288,100	89,335	Haitian International Holdings, Ltd.	50,400	107,249
China National Building Material Company, Ltd., H Shares	307,700	349,083	Haitong Securities Company, Ltd., H Shares	231,300	176,827
China Oilfield Services, Ltd., H Shares	129,700	113,554	Hansoh Pharmaceutical Group Company, Ltd. (A)(C)	40,000	174,789
China Pacific Insurance Group Company, Ltd., H Shares	219,600	610,380	Hengan International Group Company, Ltd.	56,100	461,988
China Petroleum & Chemical Corp., H Shares	2,017,300	941,213	Hua Hong Semiconductor, Ltd. (A)(B)(C)	35,000	65,769
China Railway Construction Corp., Ltd., H Shares	155,000	139,172	Huadian Power International Corp., Ltd., H Shares	124,000	38,187
China Railway Group, Ltd., H Shares	298,600	163,936	Huaneng Power International, Inc., H Shares	303,700	113,363
China Railway Signal & Communication Corp., Ltd., H Shares (C)	115,000	50,998			
China Reinsurance Group Corp., H Shares	507,000	53,331			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Huatai Securities Company, Ltd., H Shares (C)	133,700	\$ 211,035
Huazhu Group, Ltd., ADR	10,500	355,110
HUYA, Inc., ADR (A)	4,900	76,048
Industrial & Commercial Bank of China, Ltd., H Shares	5,134,800	3,325,902
Inner Mongolia Yitai Coal Company, Ltd., Class B	83,300	48,843
Innovent Biologics, Inc. (A)(C)	73,500	403,624
iQIYI, Inc., ADR (A)(B)	9,900	164,241
JD.com, Inc., ADR (A)	58,500	3,178,305
Jiangsu Expressway Company, Ltd., H Shares	94,900	112,101
Jiangxi Copper Company, Ltd., H Shares	94,400	86,810

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Shenzhen Expressway Company, Ltd., H Shares	54,000	\$ 54,809
Shenzhou International Group Holdings, Ltd.	59,400	714,785
Shui On Land, Ltd.	295,500	49,022
SINA Corp. (A)	4,900	153,419
Sino-Ocean Group Holding, Ltd.	236,500	55,095
Sinopec Engineering Group Company, Ltd., H Shares	116,500	48,988
Sinopec Shanghai Petrochemical Company, Ltd., H Shares	255,700	63,655
Sinopharm Group Company, Ltd., H Shares	107,900	266,483
Sinotrans, Ltd., H Shares	171,000	35,602
Sinotruk Hong Kong, Ltd. (B)	54,500	132,843

JOYY, Inc., ADR (A)	4,600	280,830	SOHO China, Ltd. (A)	161,700	54,848
Kaisa Group Holdings, Ltd.	198,000	73,019	Sunac China Holdings, Ltd.	193,300	817,081
Kingdee International Software Group Company, Ltd. (A)	182,000	323,841	Sunny Optical Technology Group Company, Ltd.	56,400	757,954
Kingsoft Cloud Holdings, Ltd., ADR (A)	52	1,051	TAL Education Group, ADR (A)	30,500	1,722,030
Kingsoft Corp., Ltd.	65,200	212,792	Tencent Holdings, Ltd.	454,300	24,603,011
KWG Group Holdings, Ltd. (A)	100,500	141,116	Tencent Music Entertainment Group, ADR (A)	7,200	93,024
Legend Holdings Corp., H Shares (C)	32,800	39,892	The People's Insurance Company Group of China, Ltd., H Shares	702,200	212,416
Lenovo Group, Ltd.	572,000	312,799	Tingyi Cayman Islands Holding Corp.	154,700	266,327
Li Ning Company, Ltd.	155,500	526,794	Topsports International Holdings, Ltd. (C)	97,000	138,758
Logan Property Holdings Company, Ltd.	110,000	165,323	TravelSky Technology, Ltd., H Shares	73,500	148,883
Longfor Group Holdings, Ltd. (C)	140,900	644,355	Trip.com Group, Ltd., ADR (A)	37,400	993,718
Luye Pharma Group, Ltd. (B)(C)	92,500	46,486	Tsingtao Brewery Company, Ltd., H Shares	31,000	215,745
Maanshan Iron & Steel Company, Ltd., H Shares	56,000	16,118	Uni-President China Holdings, Ltd.	102,000	106,058
Meituan Dianping, Class B (A)	80,300	1,529,398	Vipshop Holdings, Ltd., ADR (A)	34,900	605,166
Metallurgical Corp. of China, Ltd., H Shares	225,000	34,974	Want Want China Holdings, Ltd.	391,500	283,892
Momo, Inc., ADR	11,900	230,860	Weibo Corp., ADR (A)(B)	4,280	131,696
NetEase, Inc., ADR	5,600	2,144,240	Weichai Power Company, Ltd., H Shares	149,000	258,118
New China Life Insurance Company, Ltd., H Shares	72,500	227,607	WuXi AppTec Company, Ltd., H Shares (C)	16,436	174,819
New Oriental Education & Technology Group, Inc., ADR (A)	11,300	1,355,548	Wuxi Biologics Cayman, Inc. (A)(C)	61,500	971,193
NIO, Inc., ADR (A)(B)	51,800	206,164	Xiaomi Corp., Class B (A)(C)	826,800	1,294,266
Noah Holdings, Ltd., ADR (A)(B)	2,900	76,937	Xinjiang Goldwind Science & Technology Company, Ltd., H Shares	59,000	53,486
PetroChina Company, Ltd., H Shares	1,660,700	572,930	Xinyi Solar Holdings, Ltd.	320,000	233,194
PICC Property & Casualty Company, Ltd., H Shares	576,950	504,789	Yangzijiang Shipbuilding Holdings, Ltd.	70,600	47,117
Pinduoduo, Inc., ADR (A)	15,300	1,023,111	Yanzhou Coal Mining Company, Ltd., H Shares	132,700	101,874
Ping An Healthcare and Technology Company, Ltd. (A)(B)(C)	25,400	337,460	Yihai International Holding, Ltd. (A)	37,000	332,616
Ping An Insurance Group Company of China, Ltd., H Shares	443,800	4,391,901	Yum China Holdings, Inc.	28,284	1,310,681
Postal Savings Bank of China Company, Ltd., H Shares (C)	634,000	406,074	Yuzhou Properties Company, Ltd.	147,000	60,615
Seazen Group, Ltd. (A)	172,000	160,665	Zai Lab, Ltd., ADR (A)	3,000	223,200
Semiconductor Manufacturing International Corp. (A)	239,800	525,735	Zhaojin Mining Industry Company, Ltd., H Shares	78,000	94,481
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	160,000	280,644	Zhejiang Expressway Company, Ltd., H Shares	117,800	82,983
Shanghai Electric Group Company, Ltd., H Shares	198,000	55,082	Zhenro Properties Group, Ltd.	117,000	74,580
Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	41,100	131,825	ZhongAn Online P&C Insurance Company, Ltd., H Shares (A)(C)	25,200	90,095
Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., B Shares	82,380	58,338	Zhongsheng Group Holdings, Ltd.	44,500	230,235
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	65,800	104,312	Zhuzhou CRRC Times Electric Company, Ltd., H Shares	43,800	113,969
			Zijin Mining Group Company, Ltd., H Shares	437,200	174,600

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	105,200	\$ 86,563
ZTE Corp., H Shares (A)	59,700	153,048
ZTO Express Cayman, Inc., ADR	25,000	815,500
		128,924,884
Colombia - 0.0%		
Bancolombia SA	20,140	134,987
Ecopetrol SA	454,826	242,655
Grupo Argos SA	26,598	62,038
Grupo de Inversiones Suramericana SA	22,520	109,883
Interconexion Electrica SA ESP	40,421	212,400
		761,963
Czech Republic - 0.0%		
CEZ AS	13,647	268,532
Komerční banka AS (A)	6,405	137,250
Moneta Money Bank AS (C)	43,894	97,618
		503,400
Denmark - 1.9%		
A.P. Møller - Maersk A/S, Series A	430	394,933
A.P. Møller - Maersk A/S, Series B (B)	620	611,272
Carlsberg A/S, Class B	10,828	1,403,454
Chr. Hansen Holding A/S (B)	10,605	1,029,906
Coloplast A/S, B Shares	11,943	2,019,983
Danske Bank A/S (A)(B)	65,824	816,583
Demant A/S (A)(B)	11,133	315,734
DSV Panalpina A/S (B)	21,413	2,269,745
Genmab A/S (A)	6,570	2,034,255
H Lundbeck A/S	6,970	269,063
ISS A/S (A)	16,093	268,900
Novo Nordisk A/S, B Shares	178,753	11,709,158
Novozymes A/S, B Shares	21,483	1,173,396
Orsted A/S (C)	19,075	2,243,311
Pandora A/S	10,118	506,958
Tryg A/S	12,269	344,687
Vestas Wind Systems A/S (B)	19,106	1,951,405
		29,362,743
Finland - 0.8%		
Elisa OYJ	11,339	706,564
Fortum OYJ	35,882	691,034
Kone OYJ, B Shares	27,335	1,837,385
Metso OYJ	8,437	275,115

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
France (continued)		
BNP Paribas SA (A)	38,904	\$ 1,399,977
Bolloré SA	27,200	78,105
Bouygues SA (A)	7,506	230,289
Bureau Veritas SA (A)	9,573	195,848
Capgemini SE	5,419	559,754
Carrefour SA	20,411	310,567
Casino Guichard Perrachon SA (A)(B)	1,752	66,001
Cie de Saint-Gobain	16,875	552,243
Cie Generale des Etablissements Michelin SCA	5,780	584,999
CNP Assurances (A)	12,322	130,363
Covivio	1,538	89,861
Credit Agricole SA (A)	40,809	358,269
Danone SA	20,930	1,439,994
Dassault Aviation SA (A)	85	71,799
Dassault Systemes SE	4,406	752,245
Edenred (B)	7,974	333,667
Eiffage SA (A)	2,654	242,271
Electricite de France SA	20,931	186,766
Engie SA	61,747	733,820
EssilorLuxottica SA (A)	9,591	1,248,250
Eurazeo SE (A)	1,302	63,485
Eutelsat Communications SA	5,785	57,920
Faurecia SE (A)	2,464	95,534
Gecina SA	1,517	194,913
Getlink SE (A)	14,694	212,493
Hermes International	1,065	890,018
ICADE	884	63,374
Iliad SA	503	88,111
Ingenico Group SA	2,074	288,680
Ipsen SA	1,272	99,522
JCDecaux SA (A)	2,604	53,357
Kering SA	2,574	1,349,445
Klepierre SA	6,473	123,109
Legrand SA	8,913	610,690
L'Oreal SA	8,529	2,501,655
LVMH Moët Hennessy Louis Vuitton SE	9,447	3,963,257
Natixis SA (A)	35,141	78,801
Orange SA (B)	67,164	807,747
Pernod Ricard SA	7,192	1,120,778
Peugeot SA (A)	20,241	290,568
Publicis Groupe SA	7,375	210,152

Neste OYJ	34,025	1,386,483	Remy Cointreau SA (B)	734	87,315
Nokia OYJ	455,901	1,812,935	Renault SA	6,426	145,668
Nokian Renkaat OYJ	9,943	231,609	Safran SA (A)	11,225	1,081,628
Nordea Bank ABP	290,806	1,980,634	Sanofi (B)	38,378	3,753,938
Orion OYJ, Class B	8,390	449,063	Sartorius Stedim Biotech	916	249,316
Sampo OYJ, A Shares	36,967	1,328,243	Schneider Electric SE	18,850	1,866,391
Stora Enso OYJ, R Shares	46,916	575,811	SCOR SE (A)	5,813	145,776
UPM-Kymmene OYJ	43,001	1,240,742	SEB SA	728	100,390
Wartsila OYJ ABP	35,775	280,704	Societe Generale SA (A)	28,844	426,685
		12,796,322	Sodexo SA	2,967	200,169
France - 2.8%			Suez SA	10,683	121,808
Accor SA (A)	5,910	167,075	Teleperformance	1,958	466,234
Aeroports de Paris	958	99,863	Thales SA (B)	3,610	276,319
Air Liquide SA	16,043	2,181,526	TOTAL SA	81,587	3,093,845
Airbus SE (A)	19,928	1,273,539	Ubisoft Entertainment SA (A)(B)	3,041	235,962
Alstom SA	6,465	272,109	Unibail-Rodamco-Westfield	4,622	245,141
Amundi SA (A)(C)	2,242	167,455	Valeo SA	8,109	200,445
Arkema SA	2,351	206,160	Veolia Environnement SA (B)	18,016	396,712
Atos SE (A)	3,334	253,747	Vinci SA	17,432	1,626,322
AXA SA	72,210	1,324,975	Vivendi SA	27,776	635,108
BioMerieux (B)	1,391	199,876	Wendel SE	844	77,898

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
France (continued)		
Worldline SA (A)(C)	4,330	\$ 325,124
		44,633,216
Germany - 5.9%		
adidas AG (A)(B)	16,109	4,272,229
Allianz SE	37,853	6,860,333
BASF SE	82,165	4,472,062
Bayer AG	87,875	6,007,102
Bayerische Motoren Werke AG	29,648	1,737,555
Beiersdorf AG	8,911	936,004
Brenntag AG	13,686	728,142
Carl Zeiss Meditec AG, Bearer Shares	3,586	366,962
Commerzbank AG (A)	87,403	338,857
Continental AG	9,744	963,610
Covestro AG (C)	15,522	577,062
Daimler AG	81,392	3,032,790
Delivery Hero SE (A)(C)	10,080	969,820
Deutsche Bank AG (A)(B)	176,375	1,476,457
Deutsche Boerse AG	17,029	2,803,855

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
Alibaba Health Information Technology, Ltd. (A)	287,100	\$ 678,440
Alibaba Pictures Group, Ltd. (A)(B)	1,135,600	138,394
ASM Pacific Technology, Ltd.	22,600	207,354
Beijing Enterprises Holdings, Ltd.	42,000	140,216
Beijing Enterprises Water Group, Ltd. (A)	388,500	147,684
BOC Hong Kong Holdings, Ltd.	278,000	783,019
Bosideng International Holdings, Ltd.	256,000	66,217
Brilliance China Automotive Holdings, Ltd.	241,500	212,608
Budweiser Brewing Company APAC, Ltd. (C)	98,800	278,504
China Education Group Holdings, Ltd.	46,000	79,958
China Everbright International, Ltd.	296,200	153,334
China Everbright, Ltd.	79,100	111,837
China Gas Holdings, Ltd.	144,400	510,505
China Jinmao Holdings Group, Ltd. (B)	412,900	288,267

Deutsche Lufthansa AG (A)(B)	21,088	214,373	China Mengniu Dairy Company, Ltd. (A)	217,900	785,915
Deutsche Post AG	88,297	2,765,306	China Merchants Port Holdings Company, Ltd.	112,300	137,717
Deutsche Telekom AG	297,503	4,668,905	China Mobile, Ltd.	487,400	3,446,280
Deutsche Wohnen SE	31,964	1,431,293	China Overseas Land & Investment, Ltd.	305,000	935,368
E.ON SE	199,837	2,119,804	China Power International Development, Ltd.	323,000	70,943
Evonik Industries AG	18,765	463,686	China Resources Beer Holdings Company, Ltd.	115,200	614,318
Fraport AG Frankfurt Airport Services Worldwide (A)(B)	3,588	179,510	China Resources Cement Holdings, Ltd.	194,000	245,103
Fresenius Medical Care AG & Company KGaA	19,078	1,613,939	China Resources Gas Group, Ltd.	69,100	378,547
Fresenius SE & Company KGaA	37,421	1,809,061	China Resources Land, Ltd.	253,700	1,011,708
GEA Group AG	13,570	406,713	China Resources Power Holdings Company, Ltd.	155,100	180,679
Hannover Rueck SE	5,737	926,514	China State Construction International Holdings, Ltd.	161,500	100,042
HeidelbergCement AG	13,386	669,584	China Taiping Insurance Holdings Company, Ltd.	147,000	219,910
Henkel AG & Company KGaA	9,291	747,200	China Traditional Chinese Medicine Holdings Company, Ltd.	180,000	76,687
HOCHTIEF AG	2,154	190,842	China Unicom Hong Kong, Ltd.	491,300	285,688
Infineon Technologies AG	111,978	2,360,243	CITIC, Ltd.	465,600	446,694
KION Group AG	5,792	324,258	CK Asset Holdings, Ltd.	194,000	1,065,556
Knorr-Bremse AG	4,211	445,998	CK Hutchison Holdings, Ltd.	203,500	1,252,925
LANXESS AG	7,515	390,057	CK Infrastructure Holdings, Ltd.	49,500	248,734
Merck KGaA	11,551	1,331,542	CLP Holdings, Ltd.	122,000	1,197,521
METRO AG	15,635	146,251	COSCO SHIPPING Ports, Ltd.	143,700	72,148
MTU Aero Engines AG	4,687	757,543	Dairy Farm International Holdings, Ltd.	24,900	105,225
Muenchener Rueckversicherungs-Gesellschaft AG (B)	13,188	3,007,379	Far East Horizon, Ltd.	172,800	153,735
Puma SE (A)	7,387	531,437	Galaxy Entertainment Group, Ltd.	162,000	1,107,357
RWE AG	52,174	1,738,709	Geely Automobile Holdings, Ltd.	397,300	548,955
SAP SE	87,844	11,210,857	Guangdong Investment, Ltd.	232,900	460,542
Siemens AG	68,385	7,539,772	Haier Electronics Group Company, Ltd.	98,700	276,348
Siemens Healthineers AG (C)	13,275	689,252	Hang Lung Properties, Ltd.	149,000	315,352
Symrise AG	11,377	1,252,580	Hang Seng Bank, Ltd.	56,700	870,826
Telefonica Deutschland Holding AG	76,448	233,143	Henderson Land Development Company, Ltd.	107,041	385,115
thyssenkrupp AG (A)	35,881	243,862	HK Electric Investments & HK Electric Investments, Ltd.	181,500	180,033
TUI AG (B)	25,345	138,210	HKT Trust & HKT, Ltd.	280,000	398,328
Uniper SE	17,835	557,815	Hong Kong & China Gas Company, Ltd.	752,646	1,269,805
United Internet AG	9,068	373,535	Hong Kong Exchanges & Clearing, Ltd.	90,100	3,170,926
Volkswagen AG	2,838	451,535	Hongkong Land Holdings, Ltd.	87,600	330,530
Vonovia SE	45,767	2,632,429	Hutchison China MediTech, Ltd., ADR (A)	4,800	104,688
Wirecard AG	10,489	1,112,566	Jardine Matheson Holdings, Ltd.	16,500	663,518
Zalando SE (A)(C)	12,389	842,439			
		92,060,982			
Hong Kong - 2.9%					
AIA Group, Ltd.	909,200	7,460,697			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
Jardine Strategic Holdings, Ltd.	16,700	\$ 333,709
Kerry Properties, Ltd.	49,000	116,537
Kingboard Holdings, Ltd.	53,700	130,765
Kingboard Laminates Holdings, Ltd.	86,500	76,408
Kunlun Energy Company, Ltd.	280,900	173,247
Lee & Man Paper Manufacturing, Ltd.	106,500	57,638
Link REIT (B)	156,000	1,178,062
Melco Resorts & Entertainment, Ltd., ADR	16,300	261,289
MTR Corp., Ltd.	113,500	547,694
New World Development Company, Ltd.	454,000	461,433
Nine Dragons Paper Holdings, Ltd.	130,900	115,100
NWS Holdings, Ltd.	114,000	89,918
PCCW, Ltd.	288,000	158,350
Power Assets Holdings, Ltd.	103,500	579,560
Shanghai Industrial Holdings, Ltd.	40,900	63,954
Shenzhen International Holdings, Ltd.	76,500	128,123
Shenzhen Investment, Ltd.	232,000	71,909
Shimao Property Holdings, Ltd.	91,400	383,317
Sino Biopharmaceutical, Ltd.	547,900	865,754
Sino Land Company, Ltd.	231,000	271,139
SJM Holdings, Ltd.	142,000	158,663
SSY Group, Ltd. (B)	120,000	73,979
Sun Art Retail Group, Ltd.	187,200	288,154
Sun Hung Kai Properties, Ltd.	119,500	1,399,663
Swire Pacific, Ltd., Class A	37,500	197,298
Swire Properties, Ltd.	87,400	196,104
Techtronic Industries Company, Ltd.	102,500	894,198
The Bank of East Asia, Ltd.	96,800	175,460
The Wharf Holdings, Ltd.	86,000	154,538
Towngas China Company, Ltd. (A)	83,000	38,334
Vitasoy International Holdings, Ltd.	56,000	209,028
WH Group, Ltd. (C)	717,000	623,750
Wharf Real Estate Investment Company, Ltd. (B)	90,000	349,009
Wheelock & Company, Ltd.	62,000	420,875
Yue Yuen Industrial Holdings, Ltd.	54,500	78,477
Yuexiu Property Company, Ltd.	538,000	97,141
		45,789,377
Hungary - 0.1%		
MOL Hungarian Oil & Gas PLC	42,322	267,992
OTP Bank NYRT (A)	23,449	788,235

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Indonesia (continued)		
Indofood Sukses Makmur Tbk PT	272,500	\$ 107,539
Jasa Marga Persero Tbk PT (A)	128,400	31,268
Kalbe Farma Tbk PT	1,268,500	123,042
Pabrik Kertas Tjiwi Kimia Tbk PT	86,100	23,465
Pakuwon Jati Tbk PT	1,082,400	26,918
Perusahaan Gas Negara Tbk PT	657,700	38,868
Semen Indonesia Persero Tbk PT	184,000	123,681
Telekomunikasi Indonesia Persero Tbk PT	3,039,500	655,911
Unilever Indonesia Tbk PT	454,600	241,580
United Tractors Tbk PT	102,700	110,540
XL Axiata Tbk PT (A)	235,200	41,747
		5,071,168
Ireland - 0.7%		
AerCap Holdings NV (A)	12,700	409,448
AIB Group PLC (A)	69,821	77,008
Bank of Ireland Group PLC (A)	87,479	156,240
CRH PLC	68,355	2,201,148
DCC PLC	5,409	453,723
Experian PLC	49,702	1,743,166
Flutter Entertainment PLC	6,744	860,628
Flutter Entertainment PLC (London Stock Exchange)	5,489	698,401
James Hardie Industries PLC, CHESS Depositary Interest	35,319	610,137
Kerry Group PLC, Class A	13,681	1,695,087
Kingspan Group PLC	12,647	781,332
Smurfit Kappa Group PLC	19,501	636,818
		10,323,136
Isle of Man - 0.0%		
GVC Holdings PLC	32,174	315,843
Israel - 0.4%		
Azrieli Group, Ltd.	3,208	169,155
Bank Hapoalim BM	83,612	514,762
Bank Leumi Le-Israel BM	106,902	567,804
Check Point Software Technologies, Ltd. (A)	8,700	954,129
CyberArk Software, Ltd. (A)	2,700	280,206
ICL Group, Ltd.	52,205	182,028
Isracard, Ltd.	4,005	10,948
Israel Discount Bank, Ltd., Class A	89,552	284,336
Mizrahi Tefahot Bank, Ltd.	10,881	213,000
Nice, Ltd. (A)	4,444	824,629

Richter Gedeon NYRT	14,603	319,156	Teva Pharmaceutical Industries, Ltd., ADR (A)	77,100	966,063
		1,375,383	Wix.com, Ltd. (A)	3,400	755,922
Indonesia - 0.3%					5,722,982
Ace Hardware Indonesia Tbk PT (A)	390,900	41,644	Italy - 1.0%		
Adaro Energy Tbk PT	906,500	68,515	Assicurazioni Generali SpA	75,818	1,056,987
Astra International Tbk PT	1,252,700	409,961	Atlantia SpA (A)(B)	30,998	509,600
Bank Central Asia Tbk PT	599,700	1,067,099	Davide Campari-Milano SpA (B)	36,095	294,536
Bank Mandiri Persero Tbk PT	1,130,900	347,530	Enel SpA (B)	509,359	3,938,225
Bank Negara Indonesia Persero Tbk PT	481,000	126,605	Eni SpA	158,526	1,441,722
Bank Rakyat Indonesia Persero Tbk PT	3,357,600	679,863	Ferrari NV	7,535	1,281,148
Bank Tabungan Negara Persero Tbk PT	269,500	14,078	FinecoBank Banca Fineco SpA (A)	37,687	441,441
Barito Pacific Tbk PT (A)	1,628,000	150,788	Intesa Sanpaolo SpA (A)	927,879	1,614,574
Bukit Asam Tbk PT (A)	211,500	28,305	Leonardo SpA	26,434	165,948
Bumi Serpong Damai Tbk PT (A)	513,600	22,395	Mediobanca Banca di Credito Finanziario SpA	39,260	258,266
Charoen Pokphand Indonesia Tbk PT	448,700	177,938	Moncler SpA (A)	11,270	422,298
Gudang Garam Tbk PT	30,400	101,575	Pirelli & C. SpA (A)(B)(C)	24,028	108,139
Hanjaya Mandala Sampoerna Tbk PT	573,700	76,424	Poste Italiane SpA (C)	33,862	299,603
Indah Kiat Pulp & Paper Corp. Tbk PT	169,500	61,138			
Indocement Tunggal Prakarsa Tbk PT (A)	113,800	94,461			
Indofood CBP Sukses Makmur Tbk PT	140,000	78,290			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Italy (continued)		
Prysmian SpA	15,040	\$ 322,352
Recordati SpA	6,381	290,591
Snam SpA	123,799	579,919
Telecom Italia SpA (A)(B)	556,527	206,593
Telecom Italia SpA, Savings Shares	393,152	152,147
Terna Rete Elettrica Nazionale SpA (B)	85,330	579,708
UniCredit SpA (A)	125,176	1,071,527
		15,035,324
Japan - 20.5%		
ABC-Mart, Inc.	3,100	188,303
Acom Company, Ltd.	38,000	155,251
Advantest Corp.	19,100	947,924
Aeon Company, Ltd.	62,400	1,382,813
AEON Financial Service Company, Ltd.	10,600	119,616
Aeon Mall Company, Ltd.	9,800	137,698

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
FUJIFILM Holdings Corp.	34,500	\$ 1,582,397
Fujitsu, Ltd.	18,800	1,937,303
Fukuoka Financial Group, Inc.	16,900	275,014
GMO Payment Gateway, Inc.	3,900	439,907
Hakuhodo DY Holdings, Inc.	22,100	275,218
Hamamatsu Photonics KK	13,300	604,273
Hankyu Hanshin Holdings, Inc.	21,800	806,749
Hikari Tsushin, Inc.	2,000	438,646
Hino Motors, Ltd.	28,300	191,890
Hirose Electric Company, Ltd.	3,100	370,606
Hisamitsu Pharmaceutical Company, Inc.	4,900	248,095
Hitachi Chemical Company, Ltd.	9,900	424,532
Hitachi Construction Machinery Company, Ltd.	10,400	274,341
Hitachi Metals, Ltd.	20,500	236,189
Hitachi, Ltd.	93,000	3,003,828

AGC, Inc.	17,500	496,359	Honda Motor Company, Ltd.	156,500	4,075,042
Air Water, Inc.	17,300	251,841	Hoshizaki Corp.	5,200	419,817
Aisin Seiki Company, Ltd.	15,500	490,818	Hoya Corp.	36,300	3,415,592
Ajinomoto Company, Inc.	41,900	714,840	Hulic Company, Ltd.	28,700	290,612
Alfresa Holdings Corp.	18,000	363,332	Idemitsu Kosan Company, Ltd.	18,697	416,266
Alps Alpine Company, Ltd.	20,300	246,027	IHI Corp.	14,400	207,666
Amada Company, Ltd.	32,300	288,636	Iida Group Holdings Company, Ltd.	14,200	211,051
ANA Holdings, Inc. (A)	10,900	263,349	Inpex Corp.	98,500	689,723
Aozora Bank, Ltd.	11,500	213,571	Isetan Mitsukoshi Holdings, Ltd.	31,800	213,432
Asahi Group Holdings, Ltd.	34,800	1,309,518	Isuzu Motors, Ltd.	53,200	499,689
Asahi Intecc Company, Ltd.	18,600	570,995	ITOCHU Corp.	129,600	2,786,982
Asahi Kasei Corp.	120,900	960,886	Itochu Techno-Solutions Corp.	9,000	304,609
Astellas Pharma, Inc.	181,200	3,237,671	J Front Retailing Company, Ltd.	21,900	186,424
Bandai Namco Holdings, Inc.	19,100	1,061,898	Japan Airlines Company, Ltd.	11,000	216,004
Benesse Holdings, Inc.	6,800	184,490	Japan Airport Terminal Company, Ltd.	4,800	211,279
Bridgestone Corp.	54,500	1,808,865	Japan Exchange Group, Inc.	49,100	1,059,329
Brother Industries, Ltd.	21,600	408,756	Japan Post Bank Company, Ltd.	36,500	302,053
Calbee, Inc.	7,600	220,067	Japan Post Holdings Company, Ltd.	155,300	1,132,856
Canon, Inc.	95,800	1,967,214	Japan Post Insurance Company, Ltd.	23,000	293,105
Casio Computer Company, Ltd.	18,600	328,489	Japan Prime Realty Investment Corp.	74	225,474
Central Japan Railway Company	13,800	2,365,070	Japan Real Estate Investment Corp.	125	680,367
Chubu Electric Power Company, Inc.	61,300	826,310	Japan Retail Fund Investment Corp.	249	328,398
Chugai Pharmaceutical Company, Ltd.	21,400	3,162,324	Japan Tobacco, Inc.	114,800	2,278,343
Coca-Cola Bottlers Japan Holdings, Inc.	11,700	232,322	JFE Holdings, Inc.	46,500	342,407
Concordia Financial Group, Ltd.	103,300	338,670	JGC Holdings Corp.	21,300	229,695
Credit Saison Company, Ltd.	15,300	182,904	JSR Corp.	18,500	364,451
CyberAgent, Inc.	9,600	485,457	JTEKT Corp.	20,100	162,735
Dai Nippon Printing Company, Ltd.	23,200	528,882	JXTG Holdings, Inc.	293,300	1,133,585
Daicel Corp.	24,000	203,690	Kajima Corp.	43,400	492,805
Daifuku Company, Ltd.	9,700	758,854	Kakaku.com, Inc.	12,800	310,841
Dai-ichi Life Holdings, Inc.	106,400	1,395,827	Kamigumi Company, Ltd.	10,300	201,865
Daiichi Sankyo Company, Ltd.	54,400	5,111,713	Kansai Paint Company, Ltd.	16,900	350,314
Daikin Industries, Ltd.	23,800	3,504,437	Kao Corp.	46,200	3,719,110
Daito Trust Construction Company, Ltd.	6,800	719,517	Kawasaki Heavy Industries, Ltd.	13,800	219,200
Daiwa House Industry Company, Ltd.	54,400	1,349,805	KDDI Corp.	169,400	4,944,650
Daiwa House REIT Investment Corp.	185	456,226	Keihan Holdings Company, Ltd.	9,100	433,896
Daiwa Securities Group, Inc.	148,200	617,466	Keikyu Corp.	20,900	350,650
Denso Corp.	41,500	1,598,500	Keio Corp.	9,800	584,292
Dentsu Group, Inc.	20,600	550,517	Keisei Electric Railway Company, Ltd.	12,300	404,137
Disco Corp.	2,600	582,486	Keyence Corp.	17,500	7,208,235
East Japan Railway Company	28,900	2,269,885	Kikkoman Corp.	13,900	701,345
Eisai Company, Ltd.	24,200	1,899,487	Kintetsu Group Holdings Company, Ltd.	16,300	800,855
Electric Power Development Company, Ltd.	13,800	261,271	Kirin Holdings Company, Ltd.	78,700	1,615,276
FamilyMart Company, Ltd.	24,300	455,532	Kobayashi Pharmaceutical Company, Ltd.	4,700	420,473
FANUC Corp.	18,600	3,323,794	Koito Manufacturing Company, Ltd.	10,000	425,338
Fast Retailing Company, Ltd.	5,600	3,147,679	Komatsu, Ltd.	88,800	1,795,663
Fuji Electric Company, Ltd.	12,300	328,593	Konami Holdings Corp.	9,000	316,198

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Konica Minolta, Inc.	43,800	\$ 162,728
Kose Corp.	3,200	402,983
Kubota Corp.	99,500	1,339,871
Kuraray Company, Ltd.	30,600	322,160
Kurita Water Industries, Ltd.	9,500	263,034
Kyocera Corp.	30,800	1,668,424
Kyowa Kirin Company, Ltd.	23,300	632,289
Kyushu Electric Power Company, Inc.	35,500	295,884
Kyushu Railway Company	15,200	431,951
Lawson, Inc.	4,600	255,189
LINE Corp. (A)	5,600	280,386
Lion Corp.	21,200	488,140
LIXIL Group Corp.	25,400	354,842
M3, Inc.	42,300	1,708,680
Makita Corp.	21,500	730,457
Marubeni Corp.	151,300	736,637
Marui Group Company, Ltd.	18,000	325,655
Maruichi Steel Tube, Ltd.	5,200	133,403
Mazda Motor Corp.	54,000	348,598
McDonald's Holdings Company Japan, Ltd.	6,200	329,942
Mebuki Financial Group, Inc.	85,600	194,586
Medipal Holdings Corp.	17,500	346,682
MEIJI Holdings Company, Ltd.	10,900	823,088
Mercari, Inc. (A)	7,300	218,466
MINEBEA MITSUMI, Inc.	35,000	616,995
MISUMI Group, Inc.	27,100	721,342
Mitsubishi Chemical Holdings Corp.	122,900	723,927
Mitsubishi Corp.	129,700	3,031,246
Mitsubishi Electric Corp.	175,400	2,315,533
Mitsubishi Estate Company, Ltd.	113,400	1,802,424
Mitsubishi Gas Chemical Company, Inc.	15,700	234,654
Mitsubishi Heavy Industries, Ltd.	31,000	804,687
Mitsubishi Materials Corp.	10,500	239,536
Mitsubishi Motors Corp.	61,800	175,070
Mitsubishi UFJ Financial Group, Inc.	1,177,500	4,887,960
Mitsubishi UFJ Lease & Finance Company, Ltd.	39,000	191,239
Mitsui & Company, Ltd.	159,200	2,420,971
Mitsui Chemicals, Inc.	17,700	369,103
Mitsui Fudosan Company, Ltd.	84,600	1,627,484
Mitsui OSK Lines, Ltd.	11,400	202,577

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Nissan Chemical Corp.	12,000	\$ 532,425
Nissan Motor Company, Ltd.	220,800	836,772
Nisshin Seifun Group, Inc.	18,900	294,992
Nissin Foods Holdings Company, Ltd.	6,000	502,934
Nitori Holdings Company, Ltd.	7,600	1,376,009
Nitto Denko Corp.	15,300	830,799
Nomura Holdings, Inc. (B)	322,600	1,390,351
Nomura Real Estate Holdings, Inc.	12,200	225,188
Nomura Real Estate Master Fund, Inc.	390	478,781
Nomura Research Institute, Ltd.	32,400	859,239
NSK, Ltd.	34,700	255,225
NTT Data Corp.	60,500	701,304
NTT DOCOMO, Inc.	127,700	3,509,666
Obayashi Corp.	62,900	583,258
Obic Company, Ltd.	6,200	1,077,191
Odakyu Electric Railway Company, Ltd.	27,900	698,338
Oji Holdings Corp.	82,600	415,485
Olympus Corp.	111,800	1,943,901
Omron Corp.	17,800	1,181,986
Ono Pharmaceutical Company, Ltd.	35,500	1,018,257
Oracle Corp. Japan	3,600	421,191
Oriental Land Company, Ltd.	19,100	2,774,637
ORIX Corp.	129,200	1,709,765
Orix JREIT, Inc.	248	358,449
Osaka Gas Company, Ltd.	35,400	710,560
Otsuka Corp.	9,900	479,422
Otsuka Holdings Company, Ltd.	37,500	1,691,327
Pan Pacific International Holdings Corp.	42,200	850,941
Panasonic Corp.	212,400	1,902,870
Park24 Company, Ltd.	11,000	212,489
PeptiDream, Inc. (A)	9,000	404,613
Persol Holdings Company, Ltd.	17,100	225,991
Pigeon Corp.	11,000	430,134
Pola Orbis Holdings, Inc.	8,600	168,113
Rakuten, Inc.	82,300	749,294
Recruit Holdings Company, Ltd.	130,000	4,478,103
Renesas Electronics Corp. (A)	74,200	385,941
Resona Holdings, Inc.	203,400	735,589
Ricoh Company, Ltd.	64,400	477,343
Rinnai Corp.	3,200	270,344
Rohm Company, Ltd.	9,000	609,657

Mizuho Financial Group, Inc.	2,311,300	2,884,830	Ryohin Keikaku Company, Ltd.	22,900	347,289
MonotaRO Company, Ltd.	11,900	432,890	Sankyo Company, Ltd.	4,100	105,758
MS&AD Insurance Group Holdings, Inc.	47,800	1,407,943	Santen Pharmaceutical Company, Ltd.	34,400	637,159
Murata Manufacturing Company, Ltd.	55,100	3,099,253	SBI Holdings, Inc.	23,100	497,179
Nabtesco Corp.	10,800	337,118	Secom Company, Ltd.	20,100	1,744,660
Nagoya Railroad Company, Ltd.	17,600	531,059	Sega Sammy Holdings, Inc.	16,500	215,374
NEC Corp.	23,700	1,065,606	Seibu Holdings, Inc.	18,800	245,780
Nexon Company, Ltd.	47,400	987,618	Seiko Epson Corp.	27,000	305,944
NGK Insulators, Ltd.	25,500	374,294	Sekisui Chemical Company, Ltd.	35,300	494,803
NGK Spark Plug Company, Ltd.	15,100	244,309	Sekisui House, Ltd.	59,700	1,139,622
NH Foods, Ltd.	7,900	292,307	Seven & i Holdings Company, Ltd.	72,200	2,476,540
Nidec Corp.	42,900	2,640,781	Seven Bank, Ltd.	55,800	159,481
Nikon Corp.	30,700	282,562	SG Holdings Company, Ltd.	13,700	447,970
Nintendo Company, Ltd.	10,700	4,350,394	Sharp Corp. (B)	20,400	222,153
Nippon Building Fund, Inc.	127	794,277	Shimadzu Corp.	21,200	576,445
Nippon Express Company, Ltd.	7,500	385,814	Shimamura Company, Ltd.	2,100	147,872
Nippon Paint Holdings Company, Ltd.	14,000	979,692	Shimano, Inc.	7,100	1,305,910
Nippon Prologis REIT, Inc.	187	527,022	Shimizu Corp.	56,900	481,646
Nippon Shinyaku Company, Ltd.	4,400	380,215	Shin-Etsu Chemical Company, Ltd.	34,000	3,981,842
Nippon Steel Corp.	76,400	705,438	Shinsei Bank, Ltd.	19,000	243,017
Nippon Telegraph & Telephone Corp.	123,400	2,808,731	Shionogi & Company, Ltd.	25,800	1,529,964
Nippon Yusen KK	14,500	209,675	Shiseido Company, Ltd.	38,300	2,349,706
			Showa Denko KK	13,000	312,127

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
SMC Corp.	5,500	\$ 2,784,641
Softbank Corp.	160,100	2,032,932
SoftBank Group Corp.	150,300	6,865,069
Sohgo Security Services Company, Ltd.	6,800	334,796
Sompo Holdings, Inc.	33,200	1,184,299
Sony Corp.	122,000	7,901,436
Sony Financial Holdings, Inc.	16,200	391,102
Square Enix Holdings Company, Ltd.	8,800	428,683
Stanley Electric Company, Ltd.	12,500	305,377
Subaru Corp.	59,000	1,307,128
SUMCO Corp.	24,000	370,591
Sumitomo Chemical Company, Ltd.	145,000	450,600
Sumitomo Corp.	114,400	1,378,417
Sumitomo Dainippon Pharma Company, Ltd.	15,300	216,689

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Toyo Seikan Group Holdings, Ltd.	13,900	\$ 148,019
Toyo Suisan Kaisha, Ltd.	8,400	440,183
Toyoda Gosei Company, Ltd.	6,200	133,100
Toyota Industries Corp.	14,100	724,440
Toyota Motor Corp.	218,900	13,795,590
Toyota Tsusho Corp.	20,600	524,122
Trend Micro, Inc.	12,100	666,011
Tsuruha Holdings, Inc.	3,500	518,203
Unicharm Corp.	38,600	1,441,357
United Urban Investment Corp.	281	297,507
USS Company, Ltd.	20,700	360,949
Welcia Holdings Company, Ltd.	4,500	378,618
West Japan Railway Company	15,500	1,003,433
Yakult Honsha Company, Ltd.	11,400	700,329
Yamada Denki Company, Ltd.	59,600	290,043
Yamaha Corp.	13,800	673,233

Sumitomo Electric Industries, Ltd.	72,800	851,723	Yamaha Motor Company, Ltd.	27,400	396,897
Sumitomo Heavy Industries, Ltd.	10,900	250,067	Yamato Holdings Company, Ltd.	29,600	658,539
Sumitomo Metal Mining Company, Ltd.	22,300	621,646	Yamazaki Baking Company, Ltd.	11,500	206,160
Sumitomo Mitsui Financial Group, Inc.	124,800	3,621,987	Yaskawa Electric Corp.	23,000	829,661
Sumitomo Mitsui Trust Holdings, Inc.	30,500	902,341	Yokogawa Electric Corp.	22,100	319,660
Sumitomo Realty & Development Company, Ltd.	32,000	886,110	Z Holdings Corp.	254,300	1,045,950
Sumitomo Rubber Industries, Ltd.	15,900	162,416	ZOZO, Inc.	10,400	191,808
Sundrug Company, Ltd.	6,800	229,060			320,920,688
Suntory Beverage & Food, Ltd.	13,200	540,214	Luxembourg - 0.1%		
Suzuken Company, Ltd.	6,900	251,032	ArcelorMittal SA (A)	22,499	215,484
Suzuki Motor Corp.	35,300	1,230,547	Aroundtown SA	108,843	598,644
Systemex Corp.	16,000	1,283,996	Eurofins Scientific SE	389	264,479
T&D Holdings, Inc.	55,700	505,934	Millicom International Cellular SA	8,728	208,463
Taiheiyo Cement Corp.	11,800	279,684	Reinet Investments SCA	11,492	180,472
Taisei Corp.	19,400	673,911	SES SA	12,257	90,804
Taisho Pharmaceutical Holdings Company, Ltd.	3,200	203,818	Tenaris SA (B)	29,175	183,607
Taiyo Nippon Sanso Corp.	12,500	210,137			1,741,953
Takeda Pharmaceutical Company, Ltd.	143,496	5,613,463	Macau - 0.1%		
TDK Corp.	12,500	1,172,807	Sands China, Ltd.	180,000	707,057
Teijin, Ltd.	17,300	283,536	Wynn Macau, Ltd.	113,600	194,572
Terumo Corp.	61,900	2,434,759			901,629
The Bank of Kyoto, Ltd.	5,100	183,893	Malaysia - 0.4%		
The Chiba Bank, Ltd.	53,800	256,816	AirAsia Group BHD	94,700	15,092
The Chugoku Electric Power Company, Inc.	25,900	356,217	AMMB Holdings BHD	110,300	80,596
The Kansai Electric Power Company, Inc.	67,400	672,582	Axiata Group BHD	175,200	153,052
The Shizuoka Bank, Ltd.	43,500	277,754	Carlsberg Brewery Malaysia BHD	9,800	65,278
The Yokohama Rubber Company, Ltd.	11,400	172,844	CIMB Group Holdings BHD	317,200	275,576
THK Company, Ltd.	11,500	300,880	Dialog Group BHD	227,700	209,388
Tobu Railway Company, Ltd.	18,100	642,420	DiGi.Com BHD	191,200	199,938
Toho Company, Ltd.	10,700	393,405	Fraser & Neave Holdings BHD	9,000	67,397
Toho Gas Company, Ltd.	7,000	347,411	Gamuda BHD	112,200	100,893
Tohoku Electric Power Company, Inc.	40,000	415,211	Genting BHD	140,300	129,357
Tokio Marine Holdings, Inc.	62,200	2,698,846	Genting Malaysia BHD	192,800	103,031
Tokyo Century Corp.	4,200	183,781	Genting Plantations BHD	17,200	40,045
Tokyo Electric Power Company Holdings, Inc. (A)	147,300	497,967	HAP Seng Consolidated BHD	40,300	69,470
Tokyo Electron, Ltd.	15,000	3,018,500	Hartalega Holdings BHD	96,400	278,570
Tokyo Gas Company, Ltd.	35,800	857,122	Hong Leong Bank BHD	42,900	134,404
Tokyu Corp.	47,500	755,292	Hong Leong Financial Group BHD	15,700	48,492
Tokyu Fudosan Holdings Corp.	59,400	300,352	IHH Healthcare BHD	141,700	177,337
Toppan Printing Company, Ltd.	27,000	462,694	IJM Corp. BHD	177,500	78,638
Toray Industries, Inc.	133,500	649,912	IOI Corp. BHD	123,000	128,826
Toshiba Corp.	37,000	1,014,751	Kuala Lumpur Kepong BHD	27,900	141,337
Tosoh Corp.	25,700	358,383	Malayan Banking BHD	248,400	429,146
TOTO, Ltd.	13,400	533,567	Malaysia Airports Holdings BHD	61,800	71,227
			Maxis BHD	147,800	179,367
			MISC BHD	84,900	162,432
			Nestle Malaysia BHD	4,000	128,100

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Malaysia (continued)		
Petronas Chemicals Group BHD	154,700	\$ 224,791
Petronas Dagangan BHD	18,300	98,944
Petronas Gas BHD	49,600	217,094
PPB Group BHD	37,000	147,917
Press Metal Aluminium Holdings BHD	89,600	77,752
Public Bank BHD	199,300	672,922
QL Resources BHD	39,200	91,164
RHB Bank BHD	99,600	109,415
Sime Darby BHD	180,400	86,943
Sime Darby Plantation BHD	133,100	152,175
Telekom Malaysia BHD	73,300	71,137
Tenaga Nasional BHD	199,300	517,123
Top Glove Corp. BHD	97,300	298,272
Westports Holdings BHD	50,300	46,252
YTL Corp. BHD	163,978	39,294
		6,318,184
Mexico - 0.5%		
Alfa SAB de CV, Class A (B)	248,000	131,524
Alsea SAB de CV (A)(B)	43,300	36,535
America Movil SAB de CV, Series L	2,756,700	1,832,454
Arca Continental SAB de CV (B)	35,900	160,327
Cemex SAB de CV	1,235,148	292,432
Coca-Cola Femsa SAB de CV	43,900	193,224
El Puerto de Liverpool SAB de CV, Series C1	14,800	36,976
Fibra Uno Administracion SA de CV	259,100	198,755
Fomento Economico Mexicano SAB de CV	160,400	1,085,319
Gruma SAB de CV, Class B	17,240	171,051
Grupo Aeroportuario del Pacifico SAB de CV, B Shares	29,300	195,029
Grupo Aeroportuario del Sureste SAB de CV, B Shares (B)	16,945	176,010
Grupo Bimbo SAB de CV, Series A (B)	132,200	206,755
Grupo Carso SAB de CV, Series A1 (B)	37,400	86,473
Grupo Financiero Banorte SAB de CV, Series O	212,100	646,119
Grupo Financiero Inbursa SAB de CV, Series O (A)	185,600	126,889
Grupo Mexico SAB de CV, Series B	286,500	617,200
Grupo Televisa SAB (A)	199,700	236,673
Industrias Penoles SAB de CV (B)	10,710	101,282
Infraestructura Energetica Nova SAB de CV	42,700	121,700
Kimberly-Clark de Mexico SAB de CV, Class A	122,900	191,324

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Netherlands (continued)		
Just Eat Takeaway.com NV (A)(C)	11,673	\$ 1,270,896
Koninklijke Ahold Delhaize NV	111,471	2,826,227
Koninklijke DSM NV (B)	18,394	2,352,864
Koninklijke KPN NV	360,491	881,173
Koninklijke Philips NV (A)	91,930	4,179,412
Koninklijke Vopak NV	7,021	384,491
NN Group NV	32,824	1,007,535
NXP Semiconductors NV	28,400	2,729,240
Prosus NV (A)	49,522	4,132,228
QIAGEN NV (A)	20,189	882,238
Randstad NV	12,007	505,172
Royal Dutch Shell PLC, A Shares	230,116	3,642,273
Royal Dutch Shell PLC, B Shares	202,684	3,094,337
Wolters Kluwer NV	27,528	2,197,019
		54,731,403
New Zealand - 0.1%		
a2 Milk Company, Ltd. (A)	27,547	326,201
Auckland International Airport, Ltd.	46,119	186,828
Fisher & Paykel Healthcare Corp., Ltd.	21,487	400,617
Fletcher Building, Ltd.	31,373	68,571
Mercury NZ, Ltd.	26,200	75,888
Meridian Energy, Ltd.	47,514	140,723
Ryman Healthcare, Ltd.	15,381	115,981
Spark New Zealand, Ltd.	69,756	191,757
		1,506,566
Norway - 0.2%		
Aker BP ASA	4,027	65,093
DNB ASA	37,527	512,163
Equinor ASA (B)	38,546	562,141
Gjensidige Forsikring ASA (A)	8,516	155,254
Mowi ASA	16,859	317,760
Norsk Hydro ASA (A)	50,847	129,258
Orkla ASA	29,382	263,902
Schibsted ASA, B Shares (A)	3,808	91,378
Telenor ASA	27,596	418,284
Yara International ASA	6,840	235,295
		2,750,528
Peru - 0.1%		
Cia de Minas Buenaventura SAA, ADR	20,500	160,925
Credicorp, Ltd.	6,553	903,134
Southern Copper Corp.	8,100	294,030
		1,358,089
Philippines - 0.2%		
Aboitiz Equity Ventures, Inc.	165,230	139,886

Megacable Holdings SAB de CV	25,800	77,954	Aboitiz Power Corp.	122,700	67,712
Orbia Advance Corp. SAB de CV	87,035	126,503	Altus San Nicolas Corp. (A)(D)	2,753	282
Promotora y Operadora de Infraestructura SAB de CV (A)(B)	18,720	141,423	Ayala Corp.	23,880	353,598
Wal-Mart de Mexico SAB de CV	428,600	1,072,732	Ayala Land, Inc.	622,080	393,938
		8,262,663	Bank of the Philippine Islands	78,180	102,623
Netherlands - 3.5%			BDO Unibank, Inc.	165,270	328,436
ABN AMRO Bank NV (C)	42,598	338,941	Globe Telecom, Inc.	2,780	125,991
Adyen NV (A)(C)	1,061	1,391,270	GT Capital Holdings, Inc.	8,063	61,756
Aegon NV (B)	191,287	513,357	International Container Terminal Services, Inc.	82,770	143,415
Akzo Nobel NV	20,604	1,691,955	JG Summit Holdings, Inc.	242,580	233,751
Altice Europe NV (A)	62,772	247,962	Jollibee Foods Corp.	36,690	78,910
ASML Holding NV	43,223	14,158,983	Manila Electric Company	18,600	104,179
EXOR NV	7,009	378,124	Megaworld Corp.	990,500	55,884
Heineken Holding NV (B)	11,566	951,049	Metro Pacific Investments Corp.	1,181,700	67,699
Heineken NV	26,249	2,404,163	Metropolitan Bank & Trust Company	154,259	107,500
ING Groep NV	395,363	2,570,494	PLDT, Inc.	7,255	180,559
			Robinsons Land Corp.	178,200	52,140

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Philippines (continued)		
Security Bank Corp.	16,790	\$ 27,205
SM Investments Corp. (A)	20,365	369,056
SM Prime Holdings, Inc. (A)	850,400	507,610
Universal Robina Corp.	73,850	191,082
		3,693,212
Poland - 0.1%		
Bank Millennium SA (A)	24,116	15,098
Bank Polska Kasa Opieki SA	7,763	101,313
CCC SA	1,337	16,214
CD Projekt SA (A)	2,985	300,906
Cyfrowy Polsat SA	10,787	70,355
Dino Polska SA (A)(C)	2,139	97,591
Grupa Lotos SA	4,017	59,656
KGHM Polska Miedz SA (A)	6,310	135,275
LPP SA	57	97,658
mBank SA (A)	709	37,871
Orange Polska SA (A)	28,726	46,532
PGE Polska Grupa Energetyczna SA (A)	36,663	44,218
Polski Koncern Naftowy ORLEN SA	13,295	221,849

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Singapore (continued)		
Wilmar International, Ltd.	55,300	\$ 156,228
		4,052,312
South Africa - 1.0%		
Absa Group, Ltd.	53,186	247,320
Anglo American Platinum, Ltd.	4,048	256,674
AngloGold Ashanti, Ltd.	31,510	767,830
Aspen Pharmacare Holdings, Ltd. (A)	29,783	238,274
Bid Corp., Ltd.	25,439	359,093
Capitec Bank Holdings, Ltd.	3,396	164,722
Clicks Group, Ltd.	19,809	263,067
Discovery, Ltd.	33,367	187,673
Exxaro Resources, Ltd.	19,417	137,731
FirstRand, Ltd.	259,146	595,125
Fortress REIT, Ltd., Class A	82,562	52,185
Gold Fields, Ltd.	62,697	483,905
Growthpoint Properties, Ltd.	229,240	163,399
Impala Platinum Holdings, Ltd.	61,443	410,031
Investec, Ltd.	32,205	56,646
Kumba Iron Ore, Ltd.	4,940	133,414
Liberty Holdings, Ltd.	14,114	50,181
Life Healthcare Group Holdings, Ltd.	101,334	105,264

Polskie Gornictwo Naftowe i Gazownictwo SA	75,704	79,548	Momentum Metropolitan Holdings	80,807	79,344
Powszechna Kasa Oszczednosci Bank Polski SA	39,007	215,805	Mr. Price Group, Ltd.	19,188	142,821
Powszechny Zaklad Ubezpieczen SA	29,574	220,354	MTN Group, Ltd.	130,706	405,181
Santander Bank Polska SA (A)	1,515	61,593	MultiChoice Group, Ltd. (A)	33,434	165,186
		1,821,836	Naspers, Ltd., N Shares	34,154	5,560,032
Portugal - 0.1%			Nedbank Group, Ltd.	29,266	165,647
EDP - Energias de Portugal SA	204,128	953,602	Northam Platinum, Ltd. (A)	26,956	169,130
Galp Energia SGPS SA	39,731	472,727	Old Mutual, Ltd.	384,570	246,767
Jeronimo Martins SGPS SA (A)	19,690	335,748	Pepkor Holdings, Ltd. (C)	62,131	42,351
		1,762,077	Pick n Pay Stores, Ltd.	27,474	83,337
Romania - 0.0%			PSG Group, Ltd.	11,081	102,066
NEPI Rockcastle PLC	30,003	153,418	Rand Merchant Investment Holdings, Ltd.	68,800	107,005
Russia - 0.0%			Redefine Properties, Ltd.	421,070	46,397
Evrax PLC	27,780	97,338	Remgro, Ltd.	39,603	312,999
Singapore - 0.3%			RMB Holdings, Ltd.	56,653	172,557
Ascendas Real Estate Investment Trust	79,300	176,484	Sanlam, Ltd.	145,447	469,795
BOC Aviation, Ltd. (C)	17,000	93,834	Sasol, Ltd. (A)	43,582	228,188
CapitaLand Commercial Trust	71,600	88,953	Shoprite Holdings, Ltd.	35,863	211,393
CapitaLand Mall Trust	70,600	101,866	Sibanye Stillwater, Ltd. (A)	174,210	319,918
CapitaLand, Ltd. (A)	72,800	149,485	Standard Bank Group, Ltd.	98,344	572,423
City Developments, Ltd.	12,900	70,569	Telkom SA SOC, Ltd.	23,002	23,261
ComfortDelGro Corp., Ltd.	60,600	61,913	The Bidvest Group, Ltd.	21,452	186,211
DBS Group Holdings, Ltd.	50,000	691,725	The Foschini Group, Ltd.	17,653	63,298
Genting Singapore, Ltd.	177,800	99,073	The SPAR Group, Ltd.	14,208	142,046
Jardine Cycle & Carriage, Ltd.	3,000	46,579	Tiger Brands, Ltd.	12,317	110,168
Keppel Corp., Ltd.	41,800	175,314	Vodacom Group, Ltd.	49,137	352,794
Mapletree Commercial Trust	57,900	82,376	Woolworths Holdings, Ltd.	72,636	120,037
Oversea-Chinese Banking Corp., Ltd.	96,400	585,298			15,272,886
SATS, Ltd.	19,100	36,062	South Korea - 4.6%		
Sembcorp Industries, Ltd.	28,100	27,088	Amorepacific Corp.	3,944	520,967
Singapore Airlines, Ltd.	14,700	39,788	AMOREPACIFIC Group	3,559	166,885
Singapore Exchange, Ltd.	22,800	133,953	BGF retail Company, Ltd.	948	127,932
Singapore Press Holdings, Ltd.	43,500	39,523	BNK Financial Group, Inc.	36,893	151,873
Singapore Technologies Engineering, Ltd.	42,700	96,702	Celltrion Healthcare Company, Ltd. (A)	6,479	477,312
Singapore Telecommunications, Ltd.	228,960	403,209	Celltrion Pharm, Inc. (A)	94	6,986
Suntec Real Estate Investment Trust	48,100	50,255	Celltrion, Inc. (A)	11,554	2,000,554
United Overseas Bank, Ltd.	35,900	497,232	Cheil Worldwide, Inc.	8,445	113,528
UOL Group, Ltd.	13,400	65,126	CJ CheilJedang Corp.	1,014	243,680
Venture Corp., Ltd.	7,700	83,677	CJ Corp.	1,829	136,167
			CJ ENM Company, Ltd.	1,335	131,079
			CJ Logistics Corp. (A)	1,101	143,424

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value		Shares or Principal Amount	Value
COMMON STOCKS (continued)			COMMON STOCKS (continued)		
South Korea (continued)			South Korea (continued)		
Coway Company, Ltd.	6,308	\$ 339,693	Lotte Shopping Company, Ltd.	1,356	\$ 97,860
Daelim Industrial Company, Ltd.	3,481	260,487	Medy-Tox, Inc.	550	75,528
Daewoo Engineering & Construction Company, Ltd. (A)	24,320	75,535	Meritz Securities Company, Ltd.	41,491	110,593
Daewoo Shipbuilding & Marine Engineering Company, Ltd. (A)	4,572	80,921	Mirae Asset Daewoo Company, Ltd.	52,848	264,924
DB Insurance Company, Ltd.	6,681	234,915	NAVER Corp.	17,135	3,133,798
Doosan Bobcat, Inc.	6,245	119,955	NCSoft Corp.	2,016	1,287,784
E-MART, Inc.	2,540	233,637	Netmarble Corp. (A)(C)	3,120	233,104
Fila Holdings Corp.	6,042	188,581	NH Investment & Securities Company, Ltd.	19,940	157,550
GS Engineering & Construction Corp.	7,657	177,253	OCI Company, Ltd. (A)	2,328	74,451
GS Holdings Corp.	6,375	194,580	Orion Corp.	2,892	308,399
GS Retail Company, Ltd.	3,267	112,586	Ottogi Corp.	152	67,809
Hana Financial Group, Inc.	37,217	899,226	Pan Ocean Company, Ltd. (A)	33,960	98,522
Hankook Tire & Technology Company, Ltd.	9,329	177,308	Pearl Abyss Corp. (A)	779	128,747
Hanmi Pharm Company, Ltd.	781	150,021	POSCO	9,658	1,420,903
Hanon Systems	22,302	175,849	POSCO Chemical Company, Ltd.	2,982	134,357
Hanwha Life Insurance Company, Ltd.	12,752	15,781	Posco International Corp.	6,461	83,743
HDC Hyundai Development Co- Engineering & Construction, Series E	5,020	81,110	S-1 Corp.	2,014	151,455
Helixmith Company, Ltd. (A)	2,947	149,946	Samsung Biologics Company, Ltd. (A)(C)	2,028	1,022,526
HLB, Inc. (A)	4,503	412,786	Samsung C&T Corp.	10,517	845,216
Hotel Shilla Company, Ltd.	3,853	247,636	Samsung Card Company, Ltd.	3,494	83,563
Hyundai Department Store Company, Ltd.	1,754	90,862	Samsung Electro-Mechanics Company, Ltd.	6,891	699,277
Hyundai Engineering & Construction Company, Ltd.	9,680	268,431	Samsung Electronics Company, Ltd.	584,679	24,080,637
Hyundai Glovis Company, Ltd.	2,341	214,343	Samsung Engineering Company, Ltd. (A)	19,406	190,651
Hyundai Heavy Industries Holdings Company, Ltd.	1,209	265,262	Samsung Fire & Marine Insurance Company, Ltd.	3,876	572,751
Hyundai Marine & Fire Insurance Company, Ltd.	8,070	158,484	Samsung Heavy Industries Company, Ltd. (A)	53,506	209,057
Hyundai Mobis Company, Ltd.	8,210	1,316,367	Samsung Life Insurance Company, Ltd.	9,467	351,025
Hyundai Motor Company	18,345	1,458,582	Samsung SDI Company, Ltd.	6,749	1,965,079
Hyundai Steel Company	10,074	178,886	Samsung SDS Company, Ltd.	4,261	658,067
Industrial Bank of Korea	33,896	227,665	Samsung Securities Company, Ltd.	8,623	195,756
Kakao Corp.	6,322	1,350,143	Shinhan Financial Group Company, Ltd.	56,206	1,373,779
Kangwon Land, Inc.	14,505	284,948	Shinsegae, Inc.	908	180,236
KB Financial Group, Inc.	48,950	1,335,900	SK Holdings Company, Ltd.	4,330	839,518
KCC Corp.	594	69,159	SK Hynix, Inc.	66,896	4,436,048
Kia Motors Corp.	32,469	902,850	SK Innovation Company, Ltd.	6,783	653,211
KMW Company, Ltd. (A)	3,167	149,796	SK Telecom Company, Ltd.	2,475	432,263
Korea Aerospace Industries, Ltd.	9,053	186,088	S-Oil Corp.	5,452	312,928
Korea Electric Power Corp. (A)	31,359	549,881	Woori Financial Group, Inc.	66,110	487,838
Korea Gas Corp.	3,492	84,565	Yuhan Corp.	5,708	240,146
Korea Investment Holdings Company, Ltd.	5,556	238,022			72,834,889
Korea Shipbuilding & Offshore Engineering Company, Ltd. (A)	4,770	351,805	Spain - 1.8%		
			ACS Actividades de Construcción y Servicios SA	23,021	589,109
			Aena SME SA (A)(C)	6,013	858,157

Korea Zinc Company, Ltd.	1,042	319,132	Amadeus IT Group SA	38,545	2,015,573
Korean Air Lines Company, Ltd. (A)	5,641	94,941	AmRest Holdings SE (A)	3,314	21,703
KT&G Corp.	14,318	971,739	Banco Bilbao Vizcaya Argentaria SA	596,378	1,836,759
Kumho Petrochemical Company, Ltd.	2,304	132,568	Banco de Sabadell SA	508,298	155,724
LG Chem, Ltd.	5,624	1,782,576	Banco Santander SA	1,483,721	3,392,260
LG Corp.	11,808	603,576	Bankia SA	112,064	98,675
LG Display Company, Ltd. (A)	28,068	232,961	Bankinter SA	59,282	251,850
LG Electronics, Inc.	13,128	631,216	CaixaBank SA	317,120	589,920
LG Household & Health Care, Ltd.	1,150	1,274,583	Cellnex Telecom SA (A)(C)	22,386	1,256,039
LG Innotek Company, Ltd.	1,769	211,951	Enagas SA	21,871	492,966
LG Uplus Corp.	26,236	279,421	Endesa SA	28,264	675,123
Lotte Chemical Corp.	2,118	322,984	Ferrovial SA	43,670	1,190,087
Lotte Corp.	3,168	87,910	Grifols SA	26,593	829,869
			Iberdrola SA	549,711	5,951,987
			Industria de Diseno Textil SA (B)	97,617	2,718,970

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Spain (continued)		
Mapfre SA	111,988	\$ 197,478
Naturgy Energy Group SA	26,030	485,424
Red Electrica Corp. SA	38,112	671,082
Repsol SA	126,217	1,188,343
Siemens Gamesa Renewable Energy SA	21,238	360,823
Telefonica SA	417,937	1,957,071
		27,784,992
Sweden - 1.9%		
Alfa Laval AB (A)	28,389	576,923
Assa Abloy AB, B Shares	90,281	1,842,670
Atlas Copco AB, A Shares	60,689	2,400,551
Atlas Copco AB, B Shares	35,177	1,250,266
Boliden AB	24,526	535,927
Electrolux AB, Series B (B)	20,428	336,814
Epiroc AB, A Shares	59,490	665,906
Epiroc AB, B Shares	35,331	396,159
Essity AB, B Shares (A)	54,770	1,814,014
Hennes & Mauritz AB, B Shares (B)	72,726	1,106,056
Hexagon AB, B Shares (A)	23,784	1,319,119
Husqvarna AB, B Shares	37,691	279,507
ICA Gruppen AB	8,033	378,337
Industrivarden AB, C Shares (A)(B)	15,448	346,231
Investor AB, B Shares	41,548	2,229,857

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Switzerland (continued)		
LafargeHolcim, Ltd. (A)	38,286	\$ 1,596,355
Lonza Group AG	5,754	2,841,444
Nestle SA	230,224	24,997,044
Novartis AG	166,244	14,472,533
Pargesa Holding SA, Bearer Shares	2,852	216,595
Partners Group Holding AG (B)	1,456	1,212,957
Roche Holding AG	54,352	18,866,763
Schindler Holding AG	1,434	334,860
Schindler Holding AG, Participation Certificates	3,193	745,970
SGS SA	459	1,082,912
Sika AG (B)	9,847	1,691,617
Sonova Holding AG	4,242	935,190
STMicroelectronics NV	23,376	580,542
Straumann Holding AG	801	653,268
Swiss Life Holding AG	2,759	977,952
Swiss Prime Site AG	5,781	540,287
Swiss Re AG	23,545	1,607,925
Swisscom AG	1,965	1,022,589
Temenos AG	5,023	772,055
The Swatch Group AG	3,532	138,353
The Swatch Group AG, Bearer Shares (B)	2,312	466,402
UBS Group AG	300,513	3,217,178

Kinnevik AB, B Shares (B)	22,264	564,448	Vifor Pharma AG	3,519	539,238
L E Lundbergforetagen AB, B Shares (A)	7,040	351,239	Zurich Insurance Group AG	11,893	3,848,597
Lundin Energy AB (B)	16,567	404,208			102,976,742
Sandvik AB (A)	102,150	1,707,701	Taiwan - 3.2%		
Securitas AB, B Shares (A)	28,331	378,246	Accton Technology Corp.	38,000	306,302
Skandinaviska Enskilda Banken AB, A Shares (A)	146,190	1,272,154	Acer, Inc.	221,000	120,544
Skanska AB, B Shares (A)	30,615	615,449	Advantech Company, Ltd.	26,699	264,913
SKF AB, B Shares	34,519	638,195	Airtac International Group	9,000	155,163
Svenska Handelsbanken AB, A Shares (A)	138,999	1,312,987	ASE Technology Holding Company, Ltd.	265,000	545,344
Swedbank AB, A Shares (A)(B)	80,594	1,012,158	Asia Cement Corp.	168,000	244,103
Swedish Match AB	15,260	1,065,042	Asustek Computer, Inc.	54,000	379,132
Tele2 AB, B Shares	44,838	594,099	AU Optronics Corp.	642,000	162,871
Telefonaktiebolaget LM Ericsson, B Shares	277,384	2,540,102	Catcher Technology Company, Ltd.	50,000	364,396
Telia Company AB	245,637	840,166	Cathay Financial Holding Company, Ltd.	608,000	812,435
Volvo AB, B Shares (A)	135,004	1,926,423	Chailease Holding Company, Ltd.	90,954	354,516
		30,700,954	Chang Hwa Commercial Bank, Ltd.	420,854	264,297
Switzerland - 6.6%			Cheng Shin Rubber Industry Company, Ltd.	140,000	153,365
ABB, Ltd.	142,291	2,823,374	Chicony Electronics Company, Ltd.	44,526	127,751
Adecco Group AG	11,865	570,516	China Airlines, Ltd.	160,000	43,767
Alcon, Inc. (A)	32,204	2,084,751	China Development Financial Holding Corp.	1,046,000	317,617
Baloise Holding AG	4,066	581,826	China Life Insurance Company, Ltd.	243,990	168,993
Barry Callebaut AG	227	457,843	China Steel Corp.	891,000	587,879
Chocoladefabriken Lindt & Spruengli AG	8	697,617	Chunghwa Telecom Company, Ltd.	288,000	1,060,430
Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	82	686,915	Compal Electronics, Inc.	315,000	200,612
Cie Financiere Richemont SA (B)	40,310	2,369,411	CTBC Financial Holding Company, Ltd.	1,410,000	939,810
Clariant AG (A)	15,371	283,850	Delta Electronics, Inc.	148,000	681,364
Coca-Cola HBC AG	10,999	278,523	E.Sun Financial Holding Company, Ltd.	792,776	705,983
Credit Suisse Group AG	201,493	1,851,819	Eclat Textile Company, Ltd.	14,340	147,750
Dufry AG (A)	3,129	93,641	Eva Airways Corp.	179,465	65,822
EMS-Chemie Holding AG	614	456,216	Evergreen Marine Corp. Taiwan, Ltd. (A)	177,900	64,745
Geberit AG	2,827	1,383,225	Far Eastern New Century Corp.	245,000	219,876
Givaudan SA	709	2,553,165	Far Eastone Telecommunications Company, Ltd.	117,000	252,605
Glencore PLC (A)	583,399	1,101,776	Feng TAY Enterprise Company, Ltd.	25,100	151,790
Julius Baer Group, Ltd.	17,553	755,447	First Financial Holding Company, Ltd.	745,494	568,514
Kuehne + Nagel International AG (A)	4,067	588,201	Formosa Chemicals & Fibre Corp.	268,000	643,901
			Formosa Petrochemical Corp.	93,000	272,536

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Formosa Plastics Corp.	342,000	\$ 947,061
Formosa Taffeta Company, Ltd.	64,000	72,976
Foxconn Technology Company, Ltd.	71,000	127,850
Fubon Financial Holding Company, Ltd.	517,000	731,617
Giant Manufacturing Company, Ltd.	23,000	180,397
Globalwafers Company, Ltd.	17,000	206,097
Highwealth Construction Corp.	55,000	81,386
Hiwin Technologies Corp.	17,696	181,519
Hon Hai Precision Industry Company, Ltd.	951,800	2,407,953
Hotai Motor Company, Ltd.	23,000	412,528
Hua Nan Financial Holdings Company, Ltd.	583,048	378,818
Innolux Corp.	618,000	128,357
Inventec Corp.	189,000	153,699
Largan Precision Company, Ltd.	8,000	1,024,853
Lite-On Technology Corp.	161,000	258,375
MediaTek, Inc.	115,000	1,775,548
Mega Financial Holding Company, Ltd.	822,000	844,510
Micro-Star International Company, Ltd.	51,000	172,074
Nan Ya Plastics Corp.	393,000	825,172
Nanya Technology Corp.	94,000	188,119
Nien Made Enterprise Company, Ltd.	12,000	103,123
Novatek Microelectronics Corp.	44,000	301,271
Pegatron Corp.	150,000	322,855
Phison Electronics Corp.	12,000	110,603
Pou Chen Corp.	174,000	171,593
Powertech Technology, Inc.	58,000	187,842
President Chain Store Corp.	43,000	423,664
Quanta Computer, Inc.	205,000	478,883
Realtek Semiconductor Corp.	37,000	319,593
Ruentex Development Company, Ltd.	43,560	66,487
Ruentex Industries, Ltd.	26,000	56,638
Shin Kong Financial Holding Company, Ltd.	888,988	247,568
SinoPac Financial Holdings Company, Ltd.	810,601	319,551
Standard Foods Corp.	31,600	66,871
Synnex Technology International Corp.	101,000	149,541
Taishin Financial Holding Company, Ltd.	707,437	307,138
Taiwan Business Bank	386,516	136,706
Taiwan Cement Corp.	374,936	532,297
Taiwan Cooperative Financial Holding Company, Ltd.	667,680	454,893
Taiwan High Speed Rail Corp.	143,000	179,659
Taiwan Mobile Company, Ltd.	121,000	432,975

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Zhen Ding Technology Holding, Ltd.	42,000	\$ 167,856
		49,826,212
Thailand - 0.5%		
Advanced Info Service PCL, NVDR	75,300	455,852
Airports of Thailand PCL, NVDR	271,000	529,669
B. Grimm Power PCL, NVDR	48,100	79,878
Bangkok Bank PCL, NVDR	31,200	107,334
Bangkok Dusit Medical Services PCL, NVDR	603,400	426,816
Bangkok Expressway & Metro PCL, NVDR	484,400	150,427
Banpu PCL, NVDR	259,800	51,111
Berli Jucker PCL, NVDR	74,600	99,809
BTS Group Holdings PCL, NVDR	443,500	168,935
Bumrungrad Hospital PCL, NVDR	27,000	101,945
Central Pattana PCL, NVDR	145,700	226,789
Central Retail Corp. PCL, NVDR (A)	114,958	139,775
Charoen Pokphand Foods PCL, NVDR	249,600	247,822
CP ALL PCL, NVDR	367,300	815,736
Electricity Generating PCL, NVDR	18,700	162,587
Energy Absolute PCL, NVDR	104,300	128,116
Global Power Synergy PCL, NVDR	44,200	105,006
Gulf Energy Development PCL, NVDR	168,200	199,752
Home Product Center PCL, NVDR	370,400	173,141
Indorama Ventures PCL, NVDR	108,000	97,115
Intouch Holdings PCL, NVDR	142,500	241,407
IRPC PCL, NVDR	658,700	56,121
Kasikornbank PCL, NVDR	114,400	346,888
Krung Thai Bank PCL, NVDR	233,800	76,667
Land & Houses PCL, NVDR	537,200	123,655
Minor International PCL, NVDR (A)	176,400	103,295
Muangthai Capital PCL, NVDR	39,400	69,330
Osotspa PCL, NVDR	46,700	62,596
PTT Exploration & Production PCL, NVDR	88,400	234,558
PTT Global Chemical PCL, NVDR	144,400	195,759
PTT PCL, NVDR	724,100	810,300
Ratch Group PCL, NVDR	46,200	101,754
Srisawad Corp. PCL, NVDR (A)	46,600	83,756
Thai Oil PCL, NVDR	68,300	92,769
Thai Union Group PCL, NVDR	212,300	91,536
The Siam Cement PCL, NVDR	49,700	536,965
The Siam Commercial Bank PCL, NVDR	55,600	129,875
TMB Bank PCL, NVDR	1,525,200	55,378
Total Access Communication PCL, NVDR	44,500	62,061
True Corp. PCL, NVDR	712,100	82,677

Taiwan Semiconductor Manufacturing Company, Ltd.	1,875,816	18,235,323			8,024,962
Tatung Company, Ltd. (A)	141,000	97,554	Turkey - 0.1%		
The Shanghai Commercial & Savings Bank, Ltd.	252,000	360,321	Akbank T.A.S. (A)	112,011	93,746
Uni-President Enterprises Corp.	366,000	888,371	Anadolu Efes Biracilik Ve Malt Sanayii AS (A)	8,650	23,515
United Microelectronics Corp.	853,000	440,287	Arcelik AS (A)	7,510	17,384
Vanguard International Semiconductor Corp.	68,000	167,337	Aselsan Elektronik Sanayi Ve Ticaret AS	14,271	63,199
Walsin Technology Corp.	24,000	149,994	BIM Birlesik Magazalar AS	16,378	156,165
Win Semiconductors Corp.	26,000	224,406	Eregli Demir ve Celik Fabrikalari TAS	55,218	65,110
Winbond Electronics Corp.	228,000	104,974	Ford Otomotiv Sanayi AS	2,532	22,999
Wistron Corp.	220,040	209,783	Haci Omer Sabanci Holding AS	38,565	46,891
Wiwynn Corp.	6,000	160,779	KOC Holding AS	30,037	71,018
WPG Holdings, Ltd.	110,960	145,261	TAV Havalimanlari Holding AS	7,583	22,634
Yageo Corp.	19,556	242,687	Tupras Turkiye Petrol Rafinerileri AS (A)	4,806	60,453
Yuanta Financial Holding Company, Ltd.	762,000	413,493	Turk Hava Yollari AO (A)	23,894	43,950

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Turkey (continued)		
Turkcell Iletisim Hizmetleri AS	44,587	\$ 92,640
Turkiye Garanti Bankasi AS (A)	93,232	106,920
Turkiye Is Bankasi AS, Class C (A)	74,265	54,082
		940,706
United Arab Emirates - 0.0%		
NMC Health PLC	5,577	2,013
United Kingdom - 6.3%		
3i Group PLC	55,077	563,626
Admiral Group PLC	11,033	318,681
Anglo American PLC	56,621	1,198,607
Ashtead Group PLC	25,337	756,617
Associated British Foods PLC	19,727	446,184
AstraZeneca PLC	71,675	7,719,351
Auto Trader Group PLC (C)	52,082	362,011
AVEVA Group PLC	3,551	180,418
Aviva PLC	274,042	845,289
BAE Systems PLC	176,310	1,088,151
Barclays PLC	940,557	1,344,567
Barratt Developments PLC	56,874	351,799
BP PLC	1,108,031	4,237,028
British American Tobacco PLC	125,506	4,977,602

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Kingdom (continued)		
Prudential PLC	145,624	\$ 1,888,635
Reckitt Benckiser Group PLC	38,782	3,473,556
RELX PLC	105,926	2,465,471
Rentokil Initial PLC	101,499	627,724
Rio Tinto PLC	61,553	3,338,278
Rio Tinto, Ltd.	29,841	1,863,848
Rolls-Royce Holdings PLC (A)	95,183	324,426
RSA Insurance Group PLC	66,989	328,066
Schroders PLC	7,464	274,645
Segro PLC	59,850	621,931
Severn Trent PLC	12,947	392,040
Smith & Nephew PLC	47,868	976,577
Smiths Group PLC	21,726	354,234
Spirax-Sarco Engineering PLC	4,031	494,729
SSE PLC	56,626	870,345
St. James's Place PLC	32,210	367,398
Standard Chartered PLC	147,980	675,085
Standard Life Aberdeen PLC	137,684	442,171
Taylor Wimpey PLC	183,116	328,010
Tesco PLC	537,304	1,525,672
The Berkeley Group Holdings PLC	6,638	338,150
The British Land Company PLC	48,036	243,468

BT Group PLC	461,472	664,390	The Royal Bank of Scotland Group PLC	272,383	372,584
Bunzl PLC	18,323	428,822	The Sage Group PLC	59,488	510,117
Burberry Group PLC	22,577	421,588	The Weir Group PLC	14,252	172,031
Centrica PLC	312,619	141,828	Unilever NV	148,819	7,690,658
CNH Industrial NV (A)	63,724	388,905	Unilever PLC	60,737	3,261,175
Coca-Cola European Partners PLC	23,237	876,035	United Utilities Group PLC	37,187	423,345
Compass Group PLC	86,866	1,273,398	Vodafone Group PLC	1,467,571	2,413,410
Croda International PLC	7,082	455,631	Whitbread PLC	7,354	230,646
Diageo PLC	128,394	4,479,634	Wm Morrison Supermarkets PLC	134,782	312,700
Direct Line Insurance Group PLC	84,944	278,247	WPP PLC	70,017	532,860
easyJet PLC	9,184	78,035			
Ferguson PLC	12,456	982,377			98,991,467
Fiat Chrysler Automobiles NV (A)	69,645	621,617	United States - 0.3%		
G4S PLC	87,043	97,433	Barrick Gold Corp. (A)	186,614	4,487,627
GlaxoSmithKline PLC	272,633	5,646,952	Bausch Health Companies, Inc. (A)	33,860	623,662
Halma PLC	20,976	608,718	Carnival PLC	9,396	124,087
Hargreaves Lansdown PLC	18,697	426,042	International Flavors & Fragrances, Inc.	1	120
HSBC Holdings PLC	1,110,560	5,114,471	Nexteer Automotive Group, Ltd.	72,873	40,017
Imperial Brands PLC	51,970	947,939	Ovintiv, Inc.	27,681	208,686
Informa PLC	68,352	391,553			5,484,199
InterContinental Hotels Group PLC	9,544	458,053			
Intertek Group PLC	8,848	605,534	TOTAL COMMON STOCKS (Cost \$1,473,896,737)	\$	1,428,662,895
ITV PLC	200,336	199,771	PREFERRED SECURITIES - 1.0%		
J Sainsbury PLC	98,387	235,915	Brazil - 0.3%		
JD Sports Fashion PLC	24,061	197,261	Banco Bradesco SA	276,493	981,868
Johnson Matthey PLC	10,796	284,650	Braskem SA, A Shares	11,700	60,821
Kingfisher PLC	117,905	286,153	Centrais Eletricas Brasileiras SA, B Shares	16,000	92,049
Land Securities Group PLC	38,304	288,049	Cia Energetica de Minas Gerais	57,100	115,563
Legal & General Group PLC	351,843	868,674	Gerdau SA	68,100	171,389
Lloyds Banking Group PLC	3,848,251	1,419,243	Itau Unibanco Holding SA	300,400	1,297,007
London Stock Exchange Group PLC	17,279	1,723,452	Itausa - Investimentos Itau SA	272,460	452,373
M&G PLC	142,802	248,533	Lojas Americanas SA	46,600	246,697
Marks & Spencer Group PLC	107,825	130,920	Petroleo Brasileiro SA	262,400	1,000,172
Meggitt PLC	45,478	157,199	Telefonica Brasil SA	27,800	245,581
Melrose Industries PLC	267,174	385,173			4,663,520
Micro Focus International PLC	18,741	92,321	Chile - 0.0%		
Mondi PLC	27,083	509,574	Embotelladora Andina SA, B Shares	33,391	80,140
National Grid PLC	190,258	2,189,017	Sociedad Quimica y Minera de Chile SA, B Shares	10,688	262,379
Next PLC	7,291	440,930			342,519
Ocado Group PLC (A)	24,775	673,813			
Pearson PLC	43,094	246,455			
Persimmon PLC	17,643	503,246			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
Colombia - 0.0%		
Bancolombia SA	41,190	\$ 271,655
Grupo Aval Acciones y Valores SA	362,282	81,683
		353,338
Germany - 0.4%		
Bayerische Motoren Werke AG	4,957	228,892
FUCHS PETROLUB SE	6,054	242,359
Henkel AG & Company KGaA	15,888	1,420,933
Porsche Automobil Holding SE	13,956	767,245
Sartorius AG	3,168	1,181,000
Volkswagen AG	16,694	2,471,884
		6,312,313
South Korea - 0.3%		
Amorepacific Corp.	1,102	51,540
Hyundai Motor Company	2,902	132,474
Hyundai Motor Company, 2nd Preferred	4,491	219,189
LG Chem, Ltd.	962	138,095
LG Household & Health Care, Ltd.	252	145,983
Samsung Electronics Company, Ltd.	100,953	3,514,809
		4,202,090
TOTAL PREFERRED SECURITIES (Cost \$18,003,084)		\$ 15,873,780
EXCHANGE-TRADED FUNDS - 3.7%		
iShares MSCI India ETF (B)	1,225,571	33,690,947
KraneShares Bosera MSCI China A ETF	469,149	14,501,396
VanEck Vectors Russia ETF	231,776	4,779,221
Xtrackers Harvest CSI 300 China A- Shares ETF (B)	177,505	4,833,461
TOTAL EXCHANGE-TRADED FUNDS (Cost \$58,266,292)		\$ 57,805,025
RIGHTS - 0.0%		
Whitbread PLC (Expiration Date: 6-10-20; Strike Price: GBP 15.00) (A)	3,677	45,502
TOTAL RIGHTS (Cost \$65,950)		\$ 45,502
WARRANTS - 0.0%		
BTS Group Holdings PCL (Expiration Date: 2-16-21; Strike Price: THB 14.00) (A)	33,620	1,416
BTS Group Holdings PCL (Expiration Date: 2-16-21; Strike Price: THB 14.00) (A)	1,820	77
Minor International PCL (Expiration Date: 10-1-21; Strike Price: THB 48.00) (A)	1,000	54
TOTAL WARRANTS (Cost \$0)		\$ 1,547
SHORT-TERM INVESTMENTS - 7.6%		
U.S. Government Agency - 3.2%		
Federal Home Loan Bank Discount Note		

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS (continued)		
U.S. Government Agency (continued)		
Federal National Mortgage Association Discount Note 0.105%, 07/29/2020 *	\$ 3,000,000	\$ 2,999,372
		49,684,876
Short-term funds - 4.4%		
John Hancock Collateral Trust, 0.3653% (E)(F)	6,959,586	69,677,291
TOTAL SHORT-TERM INVESTMENTS (Cost \$119,301,156)		\$ 119,362,167
Total Investments (International Strategic Equity Allocation Fund) (Cost \$1,669,533,219) - 103.4%		
Other assets and liabilities, net - (3.4%)		\$ (53,082,182)
TOTAL NET ASSETS - 100.0%		\$ 1,568,668,734

Currency Abbreviations

GBP Pound Sterling

THB Thai Bhat

Security Abbreviations and Legend

ADR American 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 5-31-20. The value of securities on loan amounted to \$66,271,139.

(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.

(E) The rate shown is the annualized seven-day yield as of 5-31-20.

(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.

0.030%, 09/01/2020 *	\$ 12,700,000	\$ 12,694,807
0.040%, 07/27/2020 *	2,000,000	1,999,596
0.080%, 07/24/2020 *	2,000,000	1,999,617
0.095%, 07/14/2020 *	4,400,000	4,399,317
0.100%, 07/23/2020 *	1,500,000	1,499,718
0.115%, 08/07/2020 *	2,000,000	1,999,442
0.120%, 08/17/2020 *	14,900,000	14,895,220
0.122%, 08/14/2020 *	4,000,000	3,998,767
0.130%, 07/28/2020 *	1,200,000	1,199,753
0.145%, 08/28/2020 *	2,000,000	1,999,267

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Canadian Dollar Currency Futures	76	Long	Jun 2020	\$5,413,992	\$5,518,360	\$104,368
Mini MSCI EAFE Index Futures	536	Long	Jun 2020	39,611,353	46,216,600	6,605,247
Mini MSCI Emerging Markets Index Futures	377	Long	Jun 2020	16,011,126	17,564,430	1,553,304
S&P/TSX 60 Index Futures	37	Long	Jun 2020	4,125,256	4,874,750	749,494
						\$9,012,413

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

International Value Fund

International Value Fund (continued)

	Shares or Principal Amount	Value		Shares or Principal Amount	Value
COMMON STOCKS - 96.4%			COMMON STOCKS (continued)		
Australia - 0.5%			India - 0.6%		
Orica, Ltd.	92,076	\$ 1,057,443	HDFC Bank, Ltd., ADR	28,631	\$ 1,197,635
Bermuda - 1.1%			Indonesia - 0.9%		
Everest Re Group, Ltd.	11,139	2,210,089	Bank Rakyat Indonesia Persero Tbk PT	9,414,000	1,906,191
Canada - 3.5%			Ireland - 1.3%		
Barrick Gold Corp.	137,592	3,308,764	CRH PLC	83,502	2,722,424
Yamana Gold, Inc.	759,939	4,073,273	Italy - 1.6%		
		7,382,037	Enel SpA	253,494	1,959,947
China - 0.4%			Leonardo SpA	237,983	1,494,019
Topsports International Holdings, Ltd. (A)	607,000	868,312			3,453,966
			Japan - 22.3%		

Czech Republic - 0.3%			Bandai Namco Holdings, Inc.	27,200	1,512,231
Avast PLC (A)	100,482	626,856	Fuji Corp.	84,400	1,566,315
Denmark - 1.5%			Hitachi Construction Machinery Company, Ltd.	38,300	1,010,314
Novo Nordisk A/S, B Shares	49,283	3,228,267	Hitachi, Ltd.	162,900	5,261,544
Finland - 1.6%			Kamigumi Company, Ltd.	48,100	942,690
Sampo OYJ, A Shares	93,503	3,359,610	KDDI Corp.	125,100	3,651,569
France - 13.5%			Kinden Corp.	65,200	1,092,280
AXA SA	154,240	2,830,137	Koito Manufacturing Company, Ltd.	31,800	1,352,574
BNP Paribas SA (B)	91,056	3,276,689	Kurita Water Industries, Ltd.	36,300	1,005,065
Capgemini SE	42,993	4,440,946	NEC Corp.	55,000	2,472,925
Danone SA	22,736	1,564,248	Nintendo Company, Ltd.	2,400	975,789
Eiffage SA (B)	35,727	3,261,351	Nippon Telegraph & Telephone Corp.	96,800	2,203,283
Peugeot SA (B)(C)	84,252	1,209,472	Persol Holdings Company, Ltd.	76,800	1,014,976
Rexel SA	76,995	784,978	Rengo Company, Ltd.	104,600	826,481
Sanofi	40,431	3,954,752	Ricoh Company, Ltd.	108,000	800,513
TOTAL SA	112,686	4,273,144	Sankyu, Inc.	36,900	1,506,203
Vinci SA	27,427	2,558,808	Sanwa Holdings Corp.	260,600	2,239,261
		28,154,525	Seven & i Holdings Company, Ltd.	45,100	1,546,980
Germany - 6.2%			SoftBank Group Corp.	18,300	835,867
Allianz SE	19,663	3,563,647	Sony Corp.	70,300	4,553,041
Bayer AG	21,866	1,494,751	Sumitomo Mitsui Financial Group, Inc.	73,500	2,133,141
Brenntag AG	33,483	1,781,411	Taiheiyo Cement Corp.	65,700	1,557,222
Rheinmetall AG	18,615	1,516,106	Taisei Corp.	46,900	1,629,198
SAP SE	10,410	1,328,549	Taiyo Yuden Company, Ltd.	55,300	1,548,242
Siemens AG	30,442	3,356,376	TS Tech Company, Ltd.	38,700	1,094,802
		13,040,840	Zenkoku Hoshu Company, Ltd.	58,100	2,244,441
Greece - 0.8%					46,576,947
Hellenic Telecommunications Organization SA	116,308	1,628,423	Macau - 0.5%		
Hong Kong - 1.5%			Wynn Macau, Ltd.	579,600	992,730
China Overseas Land & Investment, Ltd.	399,000	1,223,645	Netherlands - 4.7%		
CK Asset Holdings, Ltd.	181,000	994,153	ING Groep NV	368,599	2,396,485
WH Group, Ltd. (A)	1,077,000	936,931	Koninklijke Ahold Delhaize NV	113,465	2,876,783
		3,154,729	Koninklijke KPN NV	636,209	1,555,130
Hungary - 0.8%			NXP Semiconductors NV	12,601	1,210,956
OTP Bank NYRT (B)	50,695	1,704,106	Royal Dutch Shell PLC, A Shares	108,847	1,722,829

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

International Value Fund (continued)

Shares or Principal Amount	Value
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International Value Fund (continued)

Shares or Principal Amount	Value
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COMMON STOCKS (continued)		
Norway - 0.9%		
DNB ASA	140,267	\$ 1,914,343
Singapore - 1.0%		
DBS Group Holdings, Ltd.	72,100	997,467
United Overseas Bank, Ltd.	72,400	1,002,775
		2,000,242
South Korea - 4.7%		
GS Retail Company, Ltd.	22,789	785,346
Hana Financial Group, Inc.	84,799	2,048,888
KB Financial Group, Inc.	65,586	1,789,914
KT Corp., ADR (C)	208,059	2,026,495
Samsung Electronics Company, Ltd.	75,711	3,118,239
		9,768,882
Spain - 1.2%		
Amadeus IT Group SA	24,161	1,263,413
Applus Services SA	156,718	1,241,142
		2,504,555
Sweden - 1.3%		
Husqvarna AB, B Shares	231,515	1,716,857
Loomis AB, B Shares (B)	36,617	925,859
		2,642,716
Switzerland - 8.3%		
Glencore PLC (B)	816,199	1,541,430
Novartis AG	71,862	6,256,016
Roche Holding AG	13,540	4,700,029
SIG Combibloc Group AG (B)	47,651	801,960
STMicroelectronics NV	52,112	1,294,199
UBS Group AG	267,405	2,862,736
		17,456,370
Taiwan - 0.3%		
Simplo Technology Company, Ltd.	67,000	717,816
United Kingdom - 14.3%		
Aviva PLC	510,917	1,575,936
BAE Systems PLC	408,501	2,521,188
BP PLC	560,053	2,141,601
Coca-Cola European Partners PLC	44,283	1,669,469
Direct Line Insurance Group PLC	599,815	1,964,786
GlaxoSmithKline PLC	100,029	2,071,866
Howden Joinery Group PLC	112,374	824,269
Imperial Brands PLC	126,855	2,313,849
Inchcape PLC	130,234	809,684
Next PLC	16,840	1,018,415
Nomad Foods, Ltd. (B)	147,180	3,117,272
Persimmon PLC	71,551	2,040,909
Redrow PLC	227,059	1,321,388
Smith & Nephew PLC	38,976	795,167
Tesco PLC	1,062,074	3,015,753
Unilever PLC	48,645	2,611,915
		29,813,467
United States - 0.8%		
Applied Materials, Inc.	29,854	1,677,196
TOTAL COMMON STOCKS (Cost \$211,643,172)		\$ 201,522,900

SHORT-TERM INVESTMENTS - 4.6%		
Short-term funds - 4.6%		
Fidelity Institutional Money Market Government Portfolio, Institutional Class, 0.0829% (D)	4,741,026	\$ 4,741,026
John Hancock Collateral Trust, 0.3653% (D)(E)	476,672	4,772,300
TOTAL SHORT-TERM INVESTMENTS (Cost \$9,513,337)		\$ 9,513,326
Total Investments (International Value Fund) (Cost \$221,156,509) - 101.0%		\$ 211,036,226
Other assets and liabilities, net - (1.0%)		(2,046,974)
TOTAL NET ASSETS - 100.0%		\$ 208,989,252

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(B)	Non-income producing security.
(C)	All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$181,577. The fund had pending \$4,366,753 market value of securities on loan that settled subsequent to period end.
(D)	The rate shown is the annualized seven-day yield as of 5-31-20.
(E)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Mid Cap Stock Fund

	Shares or Principal Amount	Value
COMMON STOCKS - 89.3%		
Communication services - 5.5%		
Entertainment - 4.9%		
Live Nation Entertainment, Inc. (A)(B)	75,772	\$ 3,724,952
Roku, Inc. (A)(B)	147,744	16,179,445
Spotify Technology SA (A)	344,152	62,267,421
		82,171,818
Interactive media and services - 0.6%		
Match Group, Inc. (A)(B)	124,257	11,063,843
		93,235,661
Consumer discretionary - 17.0%		
Automobiles - 0.6%		
Thor Industries, Inc. (B)	112,363	9,685,691
Diversified consumer services - 1.9%		
Chegg, Inc. (A)(B)	529,412	32,336,485
Hotels, restaurants and leisure - 5.4%		

Aramark (B)	856,948	22,186,384
DraftKings, Inc. (A)(C)	819,041	30,554,073
Planet Fitness, Inc., Class A (A)(B)	365,432	23,617,870
Vail Resorts, Inc.	71,170	14,115,146
		<hr/> 90,473,473
Household durables – 1.0%		
Lennar Corp., A Shares	292,021	17,655,590
Leisure products – 2.1%		
Peloton Interactive, Inc., Class A (A)(B)	594,663	25,088,832
Polaris, Inc.	120,600	10,533,204
		<hr/> 35,622,036
Specialty retail – 6.0%		
Burlington Stores, Inc. (A)(B)	233,730	49,006,169
Five Below, Inc. (A)(B)	280,669	29,372,011

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Mid Cap Stock Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Specialty retail (continued)		
Floor & Decor Holdings, Inc., Class A (A)	416,146	\$ 21,639,592
JAND, Inc., Class A (A)(C)(D)	57,523	1,121,302
		<hr/> 101,139,074
		286,912,349
Consumer staples – 4.3%		
Beverages – 4.3%		
Monster Beverage Corp. (A)(B)	598,112	43,010,234
The Boston Beer Company, Inc., Class A (A)(B)	52,702	29,762,400
		<hr/> 72,772,634
Financials – 1.1%		
Capital markets – 1.1%		
The Blackstone Group, Inc., Class A	321,754	18,275,627
Health care – 22.6%		
Biotechnology – 6.6%		
Apellis Pharmaceuticals, Inc. (A)	202,618	6,826,200
Argenx SE, ADR (A)(B)	53,848	11,808,866
Ascendis Pharma A/S, ADR (A)	51,994	7,564,607
Exact Sciences Corp. (A)(B)	503,930	43,277,508

Mid Cap Stock Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment – 5.9%		
Advanced Micro Devices, Inc. (A)	1,294,668	\$ 69,653,142
Marvell Technology Group, Ltd.	890,927	29,062,039
		<hr/> 98,715,181
Software – 19.3%		
2U, Inc. (A)(B)	501,554	18,291,674
Alteryx, Inc., Class A (A)(B)	131,261	18,893,708
Fair Isaac Corp. (A)	67,115	27,023,855
Guidewire Software, Inc. (A)(B)	461,669	47,358,006
Paycom Software, Inc. (A)	10,100	3,002,023
RingCentral, Inc., Class A (A)	49,282	13,515,589
Slack Technologies, Inc., Class A (A)(B)	1,270,909	44,545,360
Splunk, Inc. (A)	411,367	76,448,443
The Trade Desk, Inc., Class A (A)(B)	30,329	9,449,303
Workday, Inc., Class A (A)	278,604	51,104,332
Zoom Video Communications, Inc., Class A (A)(B)	94,668	16,991,013
		<hr/> 326,623,306
		<hr/> 545,832,529

Galapagos NV (A)	98,418	19,965,913	TOTAL COMMON STOCKS (Cost \$1,037,792,634)	\$	1,508,613,706
Galapagos NV, ADR (A)(B)	9,593	1,945,269	PREFERRED SECURITIES – 2.4%		
Kodiak Sciences, Inc. (A)(B)	67,479	4,359,818	Consumer discretionary – 1.1%		
Seattle Genetics, Inc. (A)	100,300	15,768,163	Diversified consumer services – 0.3%		
		111,516,344	The Honest Company, Inc., Series C (A)(C)(D)	142,030	4,611,714
Health care equipment and supplies – 11.0%			The Honest Company, Inc., Series D (A)(C)(D)	12,795	491,072
ABIOMED, Inc. (A)(B)	160,817	36,006,926			5,102,786
DexCom, Inc. (A)(B)	134,709	50,961,762	Internet and direct marketing retail – 0.6%		
Insulet Corp. (A)(B)	247,367	46,645,995	Coupage LLC (A)(C)(D)	1,381,449	10,830,560
Novocure, Ltd. (A)	100,345	6,766,263	One Kings Lane, Inc. (A)(D)	529,764	84,762
Tandem Diabetes Care, Inc. (A)	541,096	44,992,132			10,915,322
		185,373,078	Specialty retail – 0.2%		
Health care technology – 2.6%			JAND, Inc., Series D (A)(C)(D)	128,449	2,503,869
Livongo Health, Inc. (A)(B)	345,513	20,706,594			18,521,977
Veeva Systems, Inc., Class A (A)	105,760	23,147,691	Information technology – 1.1%		
		43,854,285	Software – 1.1%		
Life sciences tools and services – 1.0%			Essence Group Holdings Corp. (A)(C)(D)	2,958,957	9,587,021
Agilent Technologies, Inc.	197,260	17,386,496	Lookout, Inc., Series F (A)(C)(D)	392,767	2,769,007
Pharmaceuticals – 1.4%			MarkLogic Corp., Series F (A)(C)(D)	580,011	6,414,922
Elanco Animal Health, Inc. (A)	826,975	17,705,535			18,770,950
Reata Pharmaceuticals, Inc., Class A (A)(B)	40,829	5,933,270	Real estate – 0.2%		
		23,638,805	Real estate management and development – 0.2%		
		381,769,008	The We Company, Inc., Series D1 (A)(C)(D)	184,328	1,292,139
Industrials – 6.5%			The We Company, Inc., Series D2 (A)(C)(D)	161,782	1,134,092
Building products – 1.9%					2,426,231
Trane Technologies PLC	361,531	32,613,712	TOTAL PREFERRED SECURITIES (Cost \$32,776,728)	\$	39,719,158
Commercial services and supplies – 1.5%			EXCHANGE-TRADED FUNDS – 4.5%		
Copart, Inc. (A)	287,973	25,741,906	iShares Russell Mid-Cap Growth ETF (B)	496,935	76,836,090
Professional services – 3.1%			TOTAL EXCHANGE-TRADED FUNDS (Cost \$60,926,089)	\$	76,836,090
CoStar Group, Inc. (A)	78,350	51,460,280	WARRANTS – 0.0%		
		109,815,898	DraftKings, Inc. (Expiration Date: 4-25-23) (A)(C)(E)	4,973	129,874
Information technology – 32.3%			TOTAL WARRANTS (Cost \$13,933)	\$	129,874
IT services – 7.1%					
GoDaddy, Inc., Class A (A)	424,071	32,759,485			
Leidos Holdings, Inc.	221,997	23,374,064			
Square, Inc., Class A (A)	793,790	64,360,493			
		120,494,042			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Mid Cap Stock Fund (continued)

Mid Value Fund (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 14.3%		
Short-term funds – 11.7%		
John Hancock Collateral Trust, 0.3653% (F)(G)	19,614,588	\$ 196,375,375
Repurchase agreement – 2.6%		
Societe Generale SA Tri-Party Repurchase Agreement dated 5-29-20 at 0.050% to be repurchased at \$44,200,184 on 6-1-20, collateralized by \$3,033,481 Federal Home Loan Mortgage Corp., 4.000% - 5.950% due 7-15-20 to 7-1-47 (valued at \$3,338,892), \$2,409,150 Federal National Mortgage Association, 2.234% - 4.500% due 11-1-26 to 2-1-57 (valued at \$2,681,019), \$106 Government National Mortgage Association, 3.125% due 12-20-26 (valued at \$107), \$100 U.S. Treasury Bills, 0.000% due 3-25-21 (valued at \$100), \$18,662,500 U.S. Treasury Bonds, 5.000% - 8.125% due 5-15-21 to 5-15-37 (valued at \$30,459,483) and \$7,979,300 U.S. Treasury Notes, 1.500% - 2.375% due 3-31-22 to 4-30-26 (valued at \$8,604,399)	\$ 44,200,000	44,200,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$240,454,618)		\$ 240,575,375
Total Investments (Mid Cap Stock Fund) (Cost \$1,371,964,002) – 110.5%		\$ 1,865,874,203
Other assets and liabilities, net – (10.5%)		(176,562,881)
TOTAL NET ASSETS – 100.0%		\$ 1,689,311,322

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 5-31-20. The value of securities on loan amounted to \$187,451,295.
(C)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to Portfolio of Investments.
(D)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.
(E)	Strike price and/or expiration date not available.
(F)	The rate shown is the annualized seven-day yield as of 5-31-20.
(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.

Mid Value Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 98.5%		

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Consumer discretionary – 3.1%		
Diversified consumer services – 1.5%		
Strategic Education, Inc.	100,795	\$ 17,097,856
Hotels, restaurants and leisure – 0.4%		
Compass Group PLC	303,839	4,454,094
Multiline retail – 0.4%		
Nordstrom, Inc. (B)	260,183	4,196,752
Specialty retail – 0.1%		
Tiffany & Company	14,181	1,817,012
Textiles, apparel and luxury goods – 0.7%		
Ralph Lauren Corp.	111,671	8,432,277
		35,997,991
Consumer staples – 9.3%		
Beverages – 1.0%		
Carlsberg A/S, Class B	69,582	9,018,757
Molson Coors Beverage Company, Class B	48,757	1,850,816
		10,869,573
Food and staples retailing – 1.8%		
Sysco Corp. (B)	310,803	17,143,893
The Kroger Company	130,351	4,252,050
		21,395,943
Food products – 6.5%		
Archer-Daniels-Midland Company (B)	114,307	4,493,408
Bunge, Ltd.	738,226	28,805,579
Campbell Soup Company (B)	121,702	6,204,368
Flowers Foods, Inc.	1,180,482	27,847,570
The Kraft Heinz Company	294,361	8,969,180
		76,320,105
		108,585,621
Energy – 11.9%		
Energy equipment and services – 1.3%		
Frank's International NV (A)	1,516,406	3,411,914
Schlumberger, Ltd.	382,498	7,064,738
SEACOR Holdings, Inc. (A)	107,248	2,874,246
SEACOR Marine Holdings, Inc. (A)(B)	195,011	302,267
Tidewater, Inc. (A)(B)	480,379	2,291,408
		15,944,573
Oil, gas and consumable fuels – 10.6%		
Apache Corp. (B)	173,743	1,874,687
Cameco Corp.	1,383,853	15,042,482
Canadian Natural Resources, Ltd. (B)	779,360	14,106,416
EQT Corp. (B)	2,064,469	27,540,016
Equinor ASA	325,608	4,748,548
Equitrans Midstream Corp. (B)	969,660	7,844,549
Hess Corp.	261,308	12,404,291
Imperial Oil, Ltd. (B)	1,552,225	24,245,755
NAC Kazatomprom JSC, GDR	335,343	4,906,035

Communication services – 5.2%				NAC Kazatomprom JSC, GDR (London Stock Exchange)	21,217	310,403
Media – 4.8%				Ovintiv, Inc. (B)	1,150,382	8,846,438
AMC Networks, Inc., Class A (A)(B)	116,475	\$	3,292,748	Peabody Energy Corp. (B)	631,797	1,990,161
DISH Network Corp., Class A (A)	193,851		6,135,384			123,859,781
Fox Corp., Class A	133,058		3,881,302			139,804,354
News Corp., Class A	2,098,148		25,702,313	Financials – 16.7%		
Scholastic Corp.	164,789		4,844,797	Banks – 2.7%		
ViacomCBS, Inc., Class B (B)	613,768		12,729,548	Fifth Third Bancorp	852,992	16,539,515
			56,586,092	Popular, Inc.	52,741	2,082,742
Wireless telecommunication services – 0.4%				Westamerica Bancorporation	226,565	13,362,804
Telephone & Data Systems, Inc.	226,025		4,631,252			31,985,061
			61,217,344			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Mid Value Fund (continued)

	Shares or Principal Amount		Value
COMMON STOCKS (continued)			
Capital markets – 5.6%			
Lazard, Ltd., Class A	571,354	\$	15,346,568
Northern Trust Corp.	230,868		18,240,881
State Street Corp.	421,502		25,694,762
TD Ameritrade Holding Corp.	149,297		5,564,299
The Bank of New York Mellon Corp.	33,504		1,245,344
			66,091,854
Consumer finance – 0.6%			
Ally Financial, Inc. (B)	305,448		5,327,013
Synchrony Financial	85,225		1,736,033
			7,063,046
Diversified financial services – 1.1%			
Groupe Bruxelles Lambert SA	29,015		2,354,918
Pargesa Holding SA, Bearer Shares	140,235		10,650,125
			13,005,043
Insurance – 6.0%			
Brighthouse Financial, Inc. (A)	286,521		8,512,539
Brown & Brown, Inc.	368,443		14,811,409
CNA Financial Corp.	387,702		11,720,231
Kemper Corp.	140,297		8,894,830
Loews Corp.	507,226		16,860,192
Marsh & McLennan Companies, Inc.	84,655		8,966,658
			69,765,859

Mid Value Fund (continued)

	Shares or Principal Amount		Value
COMMON STOCKS (continued)			
Machinery – 2.7%			
AGCO Corp. (B)	114,671	\$	6,333,279
CNH Industrial NV (A)(B)	595,594		3,634,885
PACCAR, Inc.	181,725		13,422,209
Wabtec Corp.	11,378		694,854
Xylem, Inc.	111,579		7,402,151
			31,487,378
Road and rail – 1.3%			
J.B. Hunt Transport Services, Inc. (B)	82,693		9,895,871
Kansas City Southern	15,364		2,312,589
Ryder System, Inc.	89,601		3,069,730
			15,278,190
			107,266,983
Information technology – 3.1%			
Electronic equipment, instruments and components – 1.1%			
National Instruments Corp.	337,659		13,074,156
IT services – 0.6%			
Cognizant Technology Solutions Corp., Class A (B)	130,229		6,902,137
Semiconductors and semiconductor equipment – 1.4%			
Applied Materials, Inc.	282,458		15,868,490
			35,844,783

Thrifts and mortgage finance – 0.7%			Materials – 11.5%		
Capitol Federal Financial, Inc.	713,686	8,367,968	Chemicals – 2.4%		
		196,278,831	Corteva, Inc.	499,387	13,638,259
Health care – 17.3%			PPG Industries, Inc.	60,815	6,183,061
Biotechnology – 1.3%			Westlake Chemical Corp. (B)	185,133	8,830,844
Alkermes PLC (A)	502,911	8,227,624			28,652,164
Incyte Corp. (A)	69,899	7,123,407	Construction materials – 1.0%		
		15,351,031	Summit Materials, Inc., Class A (A)(B)	316,627	4,809,564
Health care equipment and supplies – 6.7%			Vulcan Materials Company	66,110	7,161,035
Alcon, Inc. (A)	50,555	3,272,716			11,970,599
Baxter International, Inc.	155,531	13,999,345	Metals and mining – 8.1%		
Dentsply Sirona, Inc.	394,213	18,338,789	Barrick Gold Corp.	903,388	21,681,312
Hologic, Inc. (A)	452,018	23,956,954	Cia de Minas Buenaventura SAA, ADR (B)	926,986	7,276,840
Zimmer Biomet Holdings, Inc.	148,069	18,707,037	Franco-Nevada Corp.	160,588	22,540,754
		78,274,841	Freeport-McMoRan, Inc. (B)	1,405,603	12,748,819
Health care providers and services – 6.5%			Fresnillo PLC	1,559,463	15,095,268
Cardinal Health, Inc.	531,703	29,078,836	Gold Fields, Ltd., ADR	752,016	5,805,564
Covetrus, Inc. (A)(B)	511,083	7,809,348	Newmont Corp.	97,884	5,723,277
Patterson Companies, Inc. (B)	1,004,037	19,769,489	Nucor Corp.	93,084	3,933,730
Select Medical Holdings Corp. (A)	1,231,035	19,868,905			94,805,564
		76,526,578	Real estate – 6.7%		
Pharmaceuticals – 2.8%			Equity real estate investment trusts – 6.3%		
Jazz Pharmaceuticals PLC (A)	37,075	4,423,789	Equity Commonwealth	260,009	8,762,303
Perrigo Company PLC	509,360	27,897,647	Equity Residential	140,830	8,528,665
		32,321,436	Federal Realty Investment Trust	26,138	2,088,688
		202,473,886	Rayonier, Inc.	757,296	17,985,780
Industrials – 9.1%			Regency Centers Corp.	195,552	8,367,670
Aerospace and defense – 1.6%			Weyerhaeuser Company	1,369,328	27,646,732
Textron, Inc.	596,311	18,467,752			73,379,838
Air freight and logistics – 2.1%			Real estate management and development – 0.4%		
C.H. Robinson Worldwide, Inc. (B)	206,682	16,768,111	The St. Joe Company (A)(B)	243,541	4,688,164
Expeditors International of Washington, Inc.	101,955	7,786,303			78,068,002
		24,554,414	Utilities – 4.6%		
Airlines – 0.9%			Electric utilities – 3.5%		
Southwest Airlines Company	335,775	10,778,378	FirstEnergy Corp. (B)	562,032	23,751,472
Commercial services and supplies – 0.5%			PG&E Corp. (A)	1,474,314	17,485,364
Cintas Corp.	27,024	6,700,871			41,236,836

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Mid Value Fund (continued)

Shares or Principal Amount	Value
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Multi-Index Lifestyle Aggressive Portfolio (continued)

Shares or Principal Amount	Value
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COMMON STOCKS (continued)		
Gas utilities – 0.2%		
National Fuel Gas Company	64,274	\$ 2,697,580
Multi-utilities – 0.9%		
CenterPoint Energy, Inc.	575,387	10,230,381
		54,164,797
TOTAL COMMON STOCKS (Cost \$1,102,804,186)		\$ 1,155,130,919
PREFERRED SECURITIES – 0.3%		
Consumer staples – 0.3%		
Food products – 0.3%		
Bunge, Ltd., 4.875%	34,849	3,206,108
TOTAL PREFERRED SECURITIES (Cost \$3,872,698)		\$ 3,206,108
CORPORATE BONDS - 0.1%		
Energy - 0.1%		
Weatherford International, Ltd. 11.000%, 12/01/2024 (C)	\$ 1,654,000	1,116,450
TOTAL CORPORATE BONDS (Cost \$1,125,516)		\$ 1,116,450
SHORT-TERM INVESTMENTS – 9.5%		
Short-term funds – 9.5%		
John Hancock Collateral Trust, 0.3653% (D)(E)	9,787,175	97,986,264
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (D)	2,439,953	2,439,953
T. Rowe Price Government Reserve Fund, 0.2523% (D)	10,479,199	10,479,199
TOTAL SHORT-TERM INVESTMENTS (Cost \$110,865,958)		\$ 110,905,416
Total Investments (Mid Value Fund) (Cost \$1,218,668,358) – 108.4%		\$ 1,270,358,893
Other assets and liabilities, net – (8.4%)		(98,469,331)
TOTAL NET ASSETS – 100.0%		\$ 1,171,889,562

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 5-31-20. The value of securities on loan amounted to \$96,518,278.
(C)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(D)	The rate shown is the annualized seven-day yield as of 5-31-20.
(E)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Multi-Index Lifestyle Aggressive Portfolio

	Shares or Principal Amount	Value
AFFILIATED INVESTMENT COMPANIES (A) - 66.8%		
Equity - 66.8%		

UNAFFILIATED INVESTMENT COMPANIES (continued)		
Exchange-traded funds (continued)		
iShares Global Infrastructure ETF	22,607	\$ 882,803
Schwab U.S. Large-Cap Growth ETF	60,099	5,878,884
Vanguard Dividend Appreciation ETF	90,628	10,666,009
Vanguard Energy ETF	63,806	3,277,714
Vanguard FTSE All World ex-US Small- Cap ETF	37,070	3,444,174
Vanguard FTSE Developed Markets ETF	12,375	466,166
Vanguard FTSE Emerging Markets ETF	340,895	12,735,837
Vanguard Global ex-U.S. Real Estate ETF	17,968	821,677
Vanguard Health Care ETF	30,629	6,022,274
Vanguard Information Technology ETF	18,296	4,775,805
Vanguard Materials ETF	14,901	1,773,219
Vanguard Mid-Cap ETF	154,850	24,980,402
Vanguard Real Estate ETF	31,678	2,452,828
Vanguard S&P 500 ETF	10,106	2,827,154
Vanguard Small-Cap ETF	90,495	12,882,868
TOTAL UNAFFILIATED INVESTMENT COMPANIES (Cost \$103,672,984)		\$ 113,557,431
SHORT-TERM INVESTMENTS - 0.0%		
Short-term funds - 0.0%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (C)	151,877	151,877
TOTAL SHORT-TERM INVESTMENTS (Cost \$151,877)		\$ 151,877
Total Investments (Multi-Index Lifestyle Aggressive Portfolio) (Cost \$355,675,091) - 100.0%		\$ 341,819,247
Other assets and liabilities, net - 0.0%		20,530
TOTAL NET ASSETS - 100.0%		\$ 341,839,777

Security Abbreviations and Legend

JHF II	John Hancock Funds II
MIM US	Manulife Investment Management (US) LLC
(A)	The underlying funds' subadvisor is shown parenthetically.
(B)	The subadvisor is an affiliate of the advisor.
(C)	The rate shown is the annualized seven-day yield as of 5-31-20.

Strategic Equity Allocation, Class NAV, JHF II (MIM US) (B)	20,946,735	\$	228,109,939
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$251,850,230)		\$	228,109,939
UNAFFILIATED INVESTMENT COMPANIES - 33.2%			
Exchange-traded funds - 33.2%			
Financial Select Sector SPDR Fund	212,349		4,971,090
iShares Edge MSCI Min Vol USA ETF	238,535		14,698,527

Multi-Index Lifestyle Balanced Portfolio

	Shares or Principal Amount		Value
AFFILIATED INVESTMENT COMPANIES (A) - 39.2%			
Equity - 39.2%			
Strategic Equity Allocation, Class NAV, JHF II (MIM US) (B)	31,544,684	\$	343,521,612
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$371,028,578)		\$	343,521,612
UNAFFILIATED INVESTMENT COMPANIES - 60.8%			
Exchange-traded funds - 57.7%			
Financial Select Sector SPDR Fund (C)	354,166		8,291,026
Invesco Senior Loan ETF (C)	841,841		17,981,724
iShares Edge MSCI Min Vol USA ETF (C)	693,037		42,704,940
iShares Global Infrastructure ETF (C)	40,763		1,591,795
iShares JP Morgan USD Emerging Markets Bond ETF (C)	269,081		28,630,218
iShares Preferred & Income Securities ETF (C)	123,346		4,334,378
Schwab U.S. Large-Cap Growth ETF (C)	91,658		8,965,986
VanEck Vectors J.P. Morgan EM Local Currency Bond ETF (C)	134,235		4,138,465
Vanguard Dividend Appreciation ETF	247,008		29,070,372
Vanguard Energy ETF (C)	113,682		5,839,844

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Multi-Index Lifestyle Balanced Portfolio (continued)

	Shares or Principal Amount		Value
UNAFFILIATED INVESTMENT COMPANIES (continued)			
Exchange-traded funds (continued)			
Vanguard FTSE All World ex-US Small-Cap ETF (C)	22,942	\$	2,131,541
Vanguard FTSE Developed Markets ETF	69,775		2,628,424
Vanguard FTSE Emerging Markets ETF (C)	313,812		11,724,016
Vanguard Global ex-U.S. Real Estate ETF	33,311		1,523,312

Multi-Index Lifestyle Conservative Portfolio (continued)

	Shares or Principal Amount		Value
UNAFFILIATED INVESTMENT COMPANIES - 89.4%			
Exchange-traded funds - 82.8%			
Invesco Senior Loan ETF (C)	329,041	\$	7,028,316
iShares Edge MSCI Min Vol USA ETF	91,367		5,630,035

Vanguard Health Care ETF (C)	49,727	9,777,323
Vanguard Information Technology ETF (C)	28,301	7,387,410
Vanguard Intermediate-Term Corporate Bond ETF (C)	1,052,200	98,454,354
Vanguard Materials ETF	27,412	3,262,028
Vanguard Mid-Cap ETF	208,270	33,598,116
Vanguard Real Estate ETF (C)	56,691	4,389,584
Vanguard S&P 500 ETF (C)	14,784	4,135,824
Vanguard Short-Term Bond ETF	112,946	9,375,647
Vanguard Short-Term Corporate Bond ETF	146,679	12,040,879
Vanguard Small-Cap ETF (C)	119,015	16,942,977
Vanguard Total Bond Market ETF (C)	923,664	81,208,539
Xtrackers USD High Yield Corporate Bond ETF	1,188,063	55,934,006
		506,062,728
Fixed income - 3.1%		
Fidelity Inflation Protected Bond Index Fund	2,585,842	27,332,347
TOTAL UNAFFILIATED INVESTMENT COMPANIES (Cost \$499,923,733)		\$ 533,395,075
SHORT-TERM INVESTMENTS - 9.7%		
Short-term funds - 9.7%		
John Hancock Collateral Trust, 0.3653% (D)(E)	8,443,316	84,531,942
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (D)	1,053	1,053
TOTAL SHORT-TERM INVESTMENTS (Cost \$84,492,905)		\$ 84,532,995
Total Investments (Multi-Index Lifestyle Balanced Portfolio) (Cost \$955,445,216) - 109.7%		\$ 961,449,682
Other assets and liabilities, net - (9.7%)		(84,736,986)
TOTAL NET ASSETS - 100.0%		\$ 876,712,696

Security Abbreviations and Legend

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(C)	All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$82,905,076.
(D)	The rate shown is the annualized seven-day yield as of 5-31-20.
(E)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Multi-Index Lifestyle Conservative Portfolio

	Shares or Principal Amount	Value
AFFILIATED INVESTMENT COMPANIES (A) - 10.6%		
Equity - 10.6%		
Strategic Equity Allocation, Class NAV, JHF II (MIM US) (B)	1,746,109	\$ 19,015,124

iShares Global Infrastructure ETF	5,740	224,147
iShares JP Morgan USD Emerging Markets Bond ETF (C)	82,802	8,810,133
iShares Preferred & Income Securities ETF	52,395	1,841,160
VanEck Vectors J.P. Morgan EM Local Currency Bond ETF (C)	41,310	1,273,587
Vanguard Dividend Appreciation ETF	34,395	4,047,948
Vanguard Energy ETF	17,412	894,454
Vanguard FTSE Developed Markets ETF	63,857	2,405,493
Vanguard FTSE Emerging Markets ETF	6,138	229,316
Vanguard Global ex-U.S. Real Estate ETF	4,809	219,916
Vanguard Intermediate-Term Corporate Bond ETF	495,228	46,338,484
Vanguard Materials ETF	3,729	443,751
Vanguard Mid-Cap ETF	9,402	1,516,731
Vanguard Real Estate ETF	8,475	656,219
Vanguard S&P 500 ETF	1,600	447,600
Vanguard Short-Term Bond ETF	52,804	4,383,260
Vanguard Short-Term Corporate Bond ETF	79,749	6,546,595
Vanguard Small-Cap ETF	6,159	876,795
Vanguard Total Bond Market ETF	431,050	37,897,916
Xtrackers USD High Yield Corporate Bond ETF	364,588	17,164,803
		148,876,659

Fixed income - 6.6%

Fidelity Inflation Protected Bond Index Fund	1,114,901	11,784,503
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TOTAL UNAFFILIATED INVESTMENT COMPANIES (Cost \$154,212,346)	\$	160,661,162
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SHORT-TERM INVESTMENTS - 3.1%

Short-term funds - 3.1%

John Hancock Collateral Trust, 0.3653% (D)(E)	560,031	5,606,867
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (D)	1,053	1,053

TOTAL SHORT-TERM INVESTMENTS (Cost \$5,597,136)	\$	5,607,920
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TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$18,564,908)	\$	19,015,124
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Total Investments (Multi-Index Lifestyle Conservative Portfolio) (Cost \$178,374,390) - 103.1%	\$	185,284,206
Other assets and liabilities, net - (3.1%)		(5,568,872)
TOTAL NET ASSETS - 100.0%	\$	179,715,334

Security Abbreviations and Legend

- JHF II John Hancock Funds II
MIM US Manulife Investment Management (US) LLC
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(D) The rate shown is the annualized seven-day yield as of 5-31-20.
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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Multi-Index Lifestyle Growth Portfolio

	Shares or Principal Amount	Value
AFFILIATED INVESTMENT COMPANIES (A) - 52.6%		
Equity - 52.6%		
Strategic Equity Allocation, Class NAV, JHF II (MIM US) (B)	39,503,649	\$ 430,194,733
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$475,950,393)		\$ 430,194,733
UNAFFILIATED INVESTMENT COMPANIES - 47.4%		
Exchange-traded funds - 46.0%		
Financial Select Sector SPDR Fund	434,937	10,181,875
Invesco Senior Loan ETF (C)	427,479	9,130,951
iShares Edge MSCI Min Vol USA ETF	657,482	40,514,041
iShares Global Infrastructure ETF	47,082	1,838,552

Multi-Index Lifestyle Growth Portfolio (continued)

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

Multi-Index Lifestyle Moderate Portfolio

	Shares or Principal Amount	Value
AFFILIATED INVESTMENT COMPANIES (A) - 25.8%		
Equity - 25.8%		
Strategic Equity Allocation, Class NAV, JHF II (MIM US) (B)	5,803,831	\$ 63,203,718
TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$66,458,723)		\$ 63,203,718
UNAFFILIATED INVESTMENT COMPANIES - 74.2%		
Exchange-traded funds - 69.8%		
Invesco Senior Loan ETF (C)	352,833	7,536,513

iShares JP Morgan USD Emerging Markets Bond ETF	136,965	14,573,076	iShares Edge MSCI Min Vol USA ETF	213,213	13,138,185
Schwab U.S. Large-Cap Growth ETF	112,728	11,027,053	iShares Global Infrastructure ETF	9,467	369,686
VanEck Vectors J.P. Morgan EM Local Currency Bond ETF (C)	68,324	2,106,429	iShares JP Morgan USD Emerging Markets Bond ETF	99,526	10,589,566
Vanguard Dividend Appreciation ETF	240,176	28,266,313	iShares Preferred & Income Securities ETF	54,709	1,922,474
Vanguard Energy ETF	127,750	6,562,518	VanEck Vectors J.P. Morgan EM Local Currency Bond ETF (C)	49,847	1,536,783
Vanguard FTSE All World ex-US Small-Cap ETF	21,437	1,991,712	Vanguard Dividend Appreciation ETF	75,829	8,924,315
Vanguard FTSE Developed Markets ETF	213,242	8,032,826	Vanguard Energy ETF	25,493	1,309,575
Vanguard FTSE Emerging Markets ETF	607,358	22,690,895	Vanguard FTSE Developed Markets ETF	84,353	3,177,578
Vanguard Global ex-U.S. Real Estate ETF	38,795	1,774,095	Vanguard FTSE Emerging Markets ETF	8,970	335,119
Vanguard Health Care ETF	59,712	11,740,573	Vanguard Global ex-U.S. Real Estate ETF	7,730	353,493
Vanguard Information Technology ETF	34,080	8,895,902	Vanguard Intermediate-Term Corporate Bond ETF	490,957	45,938,846
Vanguard Intermediate-Term Corporate Bond ETF	485,672	45,444,329	Vanguard Materials ETF	5,815	691,985
Vanguard Materials ETF	30,783	3,663,177	Vanguard Mid-Cap ETF	34,102	5,501,335
Vanguard Mid-Cap ETF	279,625	45,109,105	Vanguard Real Estate ETF	12,803	991,336
Vanguard Real Estate ETF	65,832	5,097,372	Vanguard S&P 500 ETF	3,274	915,902
Vanguard S&P 500 ETF	15,631	4,372,772	Vanguard Short-Term Bond ETF	36,161	3,001,725
Vanguard Short-Term Bond ETF	50,973	4,231,269	Vanguard Short-Term Corporate Bond ETF	76,276	6,261,497
Vanguard Short-Term Corporate Bond ETF	57,386	4,710,817	Vanguard Small-Cap ETF	15,324	2,181,525
Vanguard Small-Cap ETF	140,516	20,003,859	Vanguard Total Bond Market ETF	420,931	37,008,254
Vanguard Total Bond Market ETF	432,111	37,991,199	Xtrackers USD High Yield Corporate Bond ETF	412,866	19,437,731
Xtrackers USD High Yield Corporate Bond ETF	562,363	26,476,050			171,123,423
		376,426,760	Fixed income - 4.4%		
Fixed income - 1.4%			Fidelity Inflation Protected Bond Index Fund	1,031,454	10,902,469
Fidelity Inflation Protected Bond Index Fund	1,044,821	11,043,754			
TOTAL UNAFFILIATED INVESTMENT COMPANIES (Cost \$359,638,306)	\$	387,470,514	TOTAL UNAFFILIATED INVESTMENT COMPANIES (Cost \$172,926,038)	\$	182,025,892
SHORT-TERM INVESTMENTS - 0.7%			SHORT-TERM INVESTMENTS - 2.4%		
Short-term funds - 0.7%			Short-term funds - 2.4%		
John Hancock Collateral Trust, 0.3653% (D)(E)	534,675	5,353,006	John Hancock Collateral Trust, 0.3653% (D)(E)	583,343	5,840,258
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (D)	542,562	542,562	State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (D)	136,335	136,335
TOTAL SHORT-TERM INVESTMENTS (Cost \$5,888,502)	\$	5,895,568			

Total Investments (Multi-Index Lifestyle Growth Portfolio) (Cost \$841,477,201) - 100.7%	\$ 823,560,815
Other assets and liabilities, net - (0.7%)	(5,426,469)
TOTAL NET ASSETS - 100.0%	\$ 818,134,346

Security Abbreviations and Legend

- JHF II John Hancock Funds II
MIM US Manulife Investment Management (US) LLC
(A) The underlying funds' subadvisor is shown parenthetically.
(B) The subadvisor is an affiliate of the advisor.
(C) All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$5,236,959.
(D) The rate shown is the annualized seven-day yield as of 5-31-20.

TOTAL SHORT-TERM INVESTMENTS (Cost \$5,967,662)	\$ 5,976,593
Total Investments (Multi-Index Lifestyle Moderate Portfolio) (Cost \$245,352,423) - 102.4%	\$ 251,206,203
Other assets and liabilities, net - (2.4%)	(5,847,545)
TOTAL NET ASSETS - 100.0%	\$ 245,358,658

Security Abbreviations and Legend

- JHF II John Hancock Funds II
MIM US Manulife Investment Management (US) LLC
(A) The underlying funds' subadvisor is shown parenthetically.
(B) The subadvisor is an affiliate of the advisor.
(C) All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$5,710,254.
(D) The rate shown is the annualized seven-day yield as of 5-31-20.

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Multi-Index Lifestyle Moderate Portfolio (continued)

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

Opportunistic Fixed Income Fund

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS - 23.9%		
U.S. Government - 10.3%		
U.S. Treasury Inflation Protected Securities		
0.125%, 01/15/2030	\$ 642,112	\$ 681,485
0.250%, 07/15/2029 (A)	585,307	628,262
0.625%, 01/15/2026 (A)	2,259,650	2,404,577

Opportunistic Fixed Income Fund (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Iceland - 1.6%		
Republic of Iceland		
5.000%, 11/15/2028	ISK 70,880,000	\$ 630,959
Indonesia - 4.9%		
Republic of Indonesia		
6.500%, 06/15/2025	IDR 4,662,000,000	314,239
8.250%, 05/15/2029	4,125,000,000	297,587
8.375%, 03/15/2034	16,831,000,000	1,190,266
9.000%, 03/15/2029	2,365,000,000	176,722
		1,978,814
Japan - 5.2%		
Government of Japan, CPI Linked Bond		
0.100%, 03/10/2028	JPY 229,807,032	2,122,378
Malaysia - 0.3%		
Government of Malaysia		
3.955%, 09/15/2025	MYR 490,000	120,864
Mexico - 2.6%		
Government of Mexico		
4.000%, 11/30/2028	MXN 5,431,548	277,648
7.500%, 06/03/2027	3,795,900	186,595

0.750%, 02/15/ 2045		32,886		39,479	8.000%, 11/07/2047		11,534,700		573,981
0.875%, 02/15/ 2047		203,177		254,345	Peru - 0.2%				1,038,224
1.000%, 02/15/ 2048 (A)		125,614		162,879	Republic of Peru				
				4,171,027	6.950%, 08/12/2031	PEN	250,000		89,798
U.S.					Poland - 0.4%				
Government					Republic of Poland				
Agency - 13.6%					2.250%, 10/25/2024	PLN	600,000		160,371
Federal National					Romania - 0.5%				
Mortgage					Government of Romania				
Association					3.875%, 10/29/2035	EUR	110,000		127,953
2.500%,					4.750%, 02/24/2025	RON	240,000		56,879
TBA (B)		2,971,000		3,078,661					184,832
3.000%,					Russia - 4.3%				
TBA (B)		2,354,000		2,473,492	Government of Russia				
				5,552,153	7.750%, 09/16/2026	RUB	9,930,000		161,283
					Government of Russia, Inflation				
TOTAL U.S. GOVERNMENT AND AGENCY					Linked Bond				
OBLIGATIONS (Cost \$9,687,603)	\$			9,723,180	2.500%, 02/02/2028		109,558,026		1,567,649
FOREIGN GOVERNMENT OBLIGATIONS -									1,728,932
44.4%					South Africa - 0.3%				
Argentina -					Republic of South Africa				
0.2%					7.000%, 02/28/2031	ZAR	2,880,000		138,354
Republic of					South Korea - 5.7%				
Argentina					Republic of Korea				
5.000%, 01/15/ 2027	EUR	200,000		76,483	1.375%, 12/10/2029	KRW	2,557,340,000		2,066,094
Australia - 2.5%					Republic of Korea, Inflation Linked				
Commonwealth					Bond				
of Australia					1.750%, 06/10/2028		316,870,415		266,621
2.500%, 09/20/ 2030	AUD	450,000		461,826					2,332,715
3.000%, 03/21/ 2047		635,000		542,149	Spain - 0.7%				
				1,003,975	Kingdom of Spain				
Brazil - 0.4%					2.700%, 10/31/2048 (C)	EUR	190,000		280,526
Federative					Thailand - 0.4%				
Republic of					Kingdom of Thailand				
Brazil					2.875%, 12/17/2028	THB	4,660,000		167,150
10.000%, 01/ 01/2025	BRL	795,000		179,306	Turkey - 0.1%				
Canada - 6.9%					Republic of Turkey				
Government of					9.000%, 07/24/2024	TRY	400,000		53,992
Canada									
2.750%, 12/01/ 2048	CAD	375,000		380,376					
3.000%, 12/01/ 2036		397,971		423,765					
4.000%, 12/01/ 2031		239,216		256,267					
4.250%, 12/01/ 2026		1,882,337		1,747,715					
				2,808,123					
Chile - 0.1%									
Republic of Chile									
5.000%, 03/01/ 2035	CLP	30,000,000		49,246					

Colombia - 0.3%			
Republic of Colombia			
6.000%, 04/28/2028	COP	381,300,000	105,371
Czech Republic - 0.2%			
Czech Republic			
0.250%, 02/10/2027	CZK	2,230,000	89,267
Germany - 6.4%			
Federal Republic of Germany, Inflation Linked Bond			
0.100%, 04/15/2026	EUR	1,159,015	1,366,517
0.500%, 04/15/2030		971,925	1,242,760
			<u>2,609,277</u>
Hungary - 0.2%			
Republic of Hungary			
2.750%, 12/22/2026	HUF	19,990,000	68,473

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Opportunistic Fixed Income Fund (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Uruguay - 0.0%		
Republic of Uruguay		
8.500%, 03/15/2028	UYU 150,000	\$ 3,086
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$18,818,512)		\$ 18,020,516
CORPORATE BONDS - 5.5%		
Finland - 0.5%		
Nokia OYJ		
6.625%, 05/15/2039	\$ 180,000	197,965
Luxembourg - 0.1%		
Codere Finance 2 Luxembourg SA		
6.750%, 11/01/2021	EUR 110,000	56,706
United States - 4.9%		
Altria Group, Inc.		
3.125%, 06/15/2031	170,000	201,735
Antero Midstream Partners LP		
5.375%, 09/15/2024	\$ 80,000	66,800

Opportunistic Fixed Income Fund (continued)

	Shares or Principal Amount	Value
MUNICIPAL BONDS (continued)		
United States (continued)		
City of Austin Airport System Revenue (Texas)		
5.000%, 11/15/2044	\$ 60,000	\$ 69,467
Greater Orlando Aviation Authority (Florida)		
5.000%, 10/01/2028	35,000	40,795
Metropolitan Transportation Authority (New York)		
5.000%, 11/15/2050	25,000	26,972
Metropolitan Transportation Authority (New York)		
5.175%, 11/15/2049	50,000	54,488
New York City Transitional Finance Authority		
4.000%, 05/01/2045	20,000	23,002
Orange County Convention Center (Florida)		
5.000%, 10/01/2031	15,000	16,434

5.750%, 03/01/2027 (C)	220,000	173,250	Port Authority of New York & New Jersey		
Booking Holdings, Inc. 4.625%, 04/13/2030	35,000	39,995	4.000%, 03/15/2030	50,000	57,060
Broadcom, Inc. 4.300%, 11/15/2032 (C)	40,000	42,195	Port Authority of New York & New Jersey		
Centennial Resource Production LLC 5.375%, 01/15/2026 (C)	260,000	122,200	5.000%, 09/15/2033	30,000	35,737
Diamondback Energy, Inc. 4.750%, 05/31/2025	5,000	5,234	Port of Seattle (Washington) 5.000%, 04/01/2039	40,000	46,813
EnLink Midstream Partners LP 4.850%, 07/15/2026	250,000	201,250	Port of Seattle (Washington) 5.000%, 10/01/2031	30,000	34,647
General Motors Company 6.750%, 04/01/2046	180,000	195,786	San Francisco City & County Airport Commission (California) 5.000%, 05/01/2050	75,000	86,755
Matador Resources Company 5.875%, 09/15/2026	120,000	89,243	State of Connecticut 2.547%, 07/01/2028	25,000	25,228
McKesson Corp. 4.750%, 05/30/2029	35,000	42,212	State of Connecticut 2.677%, 07/01/2030	45,000	45,625
PDC Energy, Inc. 5.750%, 05/15/2026	250,000	230,939	Triborough Bridge & Tunnel Authority (New York) 5.000%, 11/15/2054	30,000	37,047
QEP Resources, Inc. 5.375%, 10/01/2022	120,000	68,364	TOTAL MUNICIPAL BONDS (Cost \$629,290)	\$	643,614
Reynolds American, Inc. 5.850%, 08/15/2045	130,000	155,921	TERM LOANS (D) - 8.3%		
Sysco Corp. 6.600%, 04/01/2040	30,000	37,600	Canada - 0.2%		
The Boeing Company 5.040%, 05/01/2027	200,000	212,333	Cineworld, Ltd., Incremental Term Loan, TBD 02/05/2027 (E)	125,000	75,536
United States Steel Corp. 6.250%, 03/15/2026	100,000	63,750	United Kingdom - 0.2%		
Viper Energy Partners LP 5.375%, 11/01/2027 (C)	40,000	39,700	Formula One Management, Ltd., Term Loan B, TBD 02/01/2024 (E)	100,000	94,125
		1,988,507	United States - 7.9%		
TOTAL CORPORATE BONDS (Cost \$2,527,791)	\$	2,243,178	Acrisure LLC, 2020 Term Loan B (3 month LIBOR + 3.500%), 3.765%, 02/15/2027	100,000	93,438
CONVERTIBLE BONDS - 0.0%			AlixPartners LLP, Term Loan B, TBD 04/04/2024 (E)	99,743	96,764
United States - 0.0%			Aretec Group, Inc., 2018 Term Loan (1 month LIBOR + 4.250%), 4.424%, 10/01/2025	99,747	91,768
Oasis Petroleum, Inc., 2.625%, 09/15/ 2023	70,000	7,266	Asurion LLC, 2017 2nd Lien Term Loan (1 month LIBOR + 6.500%), 6.674%, 08/04/2025	100,000	99,438
TOTAL CONVERTIBLE BONDS (Cost \$48,318)	\$	7,266	Asurion LLC, 2017 Term Loan B4, TBD 08/04/2022 (E)	99,682	97,614
MUNICIPAL BONDS - 1.6%			Bass Pro Group LLC, Term Loan B (1 month LIBOR + 5.000%), 6.072%, 09/25/2024	100,000	93,708
United States - 1.6%					
Chicago Transit Authority, Series A (Illinois) 6.899%, 12/01/2040	10,000	13,434			
City of Austin Airport System Revenue (Texas) 5.000%, 11/15/2032	25,000	30,110			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Opportunistic Fixed Income Fund (continued)

Opportunistic Fixed Income Fund (continued)

	Shares or Principal Amount	Value		Shares or Principal Amount	Value
TERM LOANS (D) (continued)			TERM LOANS (D) (continued)		
United States (continued)			United States (continued)		
Berlin Packaging LLC, 2018 1st Lien Term Loan (1 and 3 month LIBOR + 3.000%), 3.394%, 11/07/2025	\$ 99,746	\$ 94,616	SS&C Technologies, Inc., 2018 Term Loan B4 (1 month LIBOR + 1.750%), 1.924%, 04/16/2025	\$ 40,111	\$ 38,783
Boyd Gaming Corp., Term Loan B, TBD 09/15/2023 (E)	100,000	95,750	Telenet Financing USD LLC, 2020 USD Term Loan AR (1 month LIBOR + 2.000%), 2.184%, 04/30/ 2028	100,000	96,208
Core & Main LP, Term Loan B, TBD 08/01/2024 (E)	99,744	95,380	The Dun & Bradstreet Corp., Term Loan (1 month LIBOR + 4.000%), 4.174%, 02/06/2026	100,000	97,208
Dcert Buyer, Inc., 2019 Term Loan B (1 month LIBOR + 4.000%), 4.174%, 10/16/2026	100,000	96,438	TransDigm, Inc., 2020 Term Loan E (1 month LIBOR + 2.250%), 2.424%, 05/30/2025	99,750	91,209
Deerfield Dakota Holding LLC 2020 USD Term Loan B (1 month LIBOR + 3.750%), 4.750%, 04/09/2027	220,000	215,464	WW International, Inc., 2017 Term Loan B (1 month LIBOR + 4.750%), 5.500%, 11/29/2024	98,503	95,713
Deerfield Dakota Holding LLC, 2020 EUR Term Loan B (1 month EURIBOR + 4.000%), 4.000%, 04/ 09/2027	EUR 150,000	154,436			3,202,639
Diamond BC BV, USD Term Loan, TBD 09/06/2024 (E)	\$ 100,000	92,350	TOTAL TERM LOANS (Cost \$3,348,733)	\$	3,372,300
Elanco Animal Health, Inc., Term Loan B, TBD 02/04/2027 (E)	100,000	96,750	COLLATERALIZED MORTGAGE OBLIGATIONS - 8.5%		
Element Solutions, Inc., 2019 Term Loan B1, TBD 01/31/2026 (E)	100,000	96,281	Commercial and residential - 5.2%		
Gray Television, Inc., 2018 Term Loan C (1 month LIBOR + 2.500%), 2.830%, 01/02/2026	100,000	97,357	Arroyo Mortgage Trust		
HUB International, Ltd., 2018 Term Loan B (3 month LIBOR + 3.000%), 4.020%, 04/25/2025	99,746	95,894	Series 2018-1, Class A1, 3.763%, 04/25/2048 (C)(F)	83,906	85,297
HUB International, Ltd., 2019 Incremental Term Loan B (3 month LIBOR + 4.000%), 5.000%, 04/25/ 2025	100,000	97,753	Series 2019-1, Class A1, 3.805%, 01/25/2049 (C)(F)	80,668	82,354
ION Media Networks, Inc., 2019 Term Loan B (3 month LIBOR + 3.000%), 3.813%, 12/18/2024	99,749	95,042	Bunker Hill Loan Depository Trust, Series 2019-1, Class A1, 3.613%, 10/26/2048 (C)	81,678	82,909
Momentive Performance Materials USA LLC, Term Loan, TBD 05/15/ 2024 (E)	100,000	93,750	BX Commercial Mortgage Trust		
MPH Acquisition Holdings LLC, 2016 Term Loan B (3 month LIBOR + 2.750%), 4.200%, 06/07/2023	100,000	95,854	Series 2018-IND, Class A (1 month LIBOR + 0.750%), 0.934%, 11/15/2035 (C)(G)	53,488	52,146
Navistar, Inc., 2017 1st Lien Term Loan B (1 month LIBOR + 3.500%), 3.680%, 11/06/2024	99,745	95,755	Series 2019-XL, Class A (1 month LIBOR + 0.920%), 1.104%, 10/15/2036 (C)(G)	95,540	93,625
NEP Group, Inc., 2018 1st Lien Term Loan (3 month LIBOR + 3.250%), 4.700%, 10/20/2025	100,000	83,833	Series 2019-XL, Class B (1 month LIBOR + 1.080%), 1.264%, 10/15/2036 (C)(G)	95,540	92,308
Quikrete Holdings, Inc., 2016 1st Lien Term Loan (1 month LIBOR + 2.500%), 2.674%, 02/01/2027	99,750	94,626	Series 2019-XL, Class C, (1 month LIBOR + 1.250%), 1.434%, 10/15/2036 (C)(G)	95,540	91,829
Science Applications International Corp., 2020 Incremental Term Loan B (1 month LIBOR + 2.250%), 2.424%, 03/12/2027	79,167	77,122	CAMB Commercial Mortgage Trust, Series 2019-LIFE, Class A, (1 month LIBOR + 1.070%), 1.254%, 12/15/2037 (C)(G)	100,000	96,282
			CFCRE Commercial Mortgage Trust, Series 2011-C2, Class C, 5.739%, 12/15/2047 (C)(F)	100,000	101,686
			COLT Mortgage Loan Trust		
			Series 2018-3, Class A3, 3.865%, 10/26/2048 (C)(F)	36,501	37,012
			Series 2019-1, Class A1, 3.705%, 03/25/2049 (C)(F)	48,425	48,673

SCIH Salt Holdings, Inc., Term Loan B (3 month LIBOR + 4.500%), 5.500%, 03/16/2027	100,000	96,000	Series 2019-2, Class A1, 3.337%, 05/25/2049 (C)(F)	76,911	77,374
Sedgwick Claims Management Services, Inc., Term Loan B, TBD 12/31/2025 (E)	99,747	93,912	Series 2019-4, Class A1, 2.579%, 11/25/2049 (C)(F)	72,812	72,714
SS&C Technologies, Inc., 2018 Term Loan B3 (1 month LIBOR + 1.750%), 1.924%, 04/16/2025	58,358	56,425	Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG), Series 2013-CR13, Class A4, 4.194%, 11/10/2046 (F)	30,000	32,351
			CSAIL Commercial Mortgage Trust, Series 2015-C3, Class A4, 3.718%, 08/15/2048	38,000	40,959

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Opportunistic Fixed Income Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
FREMF Mortgage Trust		
Series 2015-K49, Class B, 3.721%, 10/25/2048 (C)(F)	\$ 75,000	\$ 76,813
Series 2019-K735, Class B, 4.020%, 05/25/2026 (C)(F)	100,000	102,065
GS Mortgage Securities Trust		
Series 2016-GS4, Class A4, 3.442%, 11/10/2049 (F)	34,000	37,027
Series 2020-GC45, Class A1, 2.019%, 02/13/2053	24,468	24,865
KKR Industrial Portfolio Trust, Series 2020-AIP, Class A (1 month LIBOR + 1.037%), 1.221%, 03/15/2037 (C)(G)	100,000	97,244
Metlife Securitization Trust, Series 2018-1A, Class A, 3.750%, 03/25/2057 (C)(F)	94,536	99,015
Morgan Stanley Bank of America Merrill Lynch Trust, Series 2013-C8, Class B, 3.559%, 12/15/2048 (F)	45,000	45,110
MSCG Trust, Series 2018-SELF, Class A (1 month LIBOR + 0.900%), 1.084%, 10/15/2037 (C)(G)	75,000	72,179
Verus Securitization Trust		
Series 2019-1, Class A1, 3.836%, 02/25/2059 (C)(F)	59,128	59,699
Series 2020-1, Class A1, 2.417%, 01/25/2060 (C)(F)	94,980	95,365

Opportunistic Fixed Income Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National Mortgage Association		
Series 2015-C04, Class 1M2 (1 month LIBOR + 5.700%), 5.868%, 04/25/2028 (G)	\$ 71,896	\$ 75,782
Series 2016-C02, Class 1M2 (1 month LIBOR + 6.000%), 6.168%, 09/25/2028 (G)	54,538	57,022
Series 2017-C02, Class 2M2 (1 month LIBOR + 3.650%), 3.818%, 09/25/2029 (G)	95,366	95,337
Series 2017-C03, Class 1M2 (1 month LIBOR + 3.000%), 3.168%, 10/25/2029 (G)	60,000	60,075
Series 2017-C04, Class 2M2 (1 month LIBOR + 2.850%), 3.018%, 11/25/2029 (G)	74,584	73,275
Series 2017-C05, Class 1B1, (1 month LIBOR + 3.600%), 3.768%, 01/25/2030 (G)	25,000	19,882
Series 2017-C05, Class 1M2 (1 month LIBOR + 2.200%), 2.368%, 01/25/2030 (G)	53,885	52,181
Series 2017-C06, Class 2B1, (1 month LIBOR + 4.450%), 4.618%, 02/25/2030 (G)	10,000	8,098
Series 2017-C06, Class 2M2 (1 month LIBOR + 2.800%), 2.968%, 02/25/2030 (G)	78,803	76,630

Wells Fargo Mortgage Backed Securities Trust, Series 2019-3, Class A1, 3.500%, 07/25/2049 (C)(F)	68,003	69,718	Series 2017-C07, Class 1B1 (1 month LIBOR + 4.000%), 4.168%, 05/25/2030 (G)	67,000	54,445
WF-RBS Commercial Mortgage Trust Series 2011-C4, Class C, 5.221%, 06/15/2044 (C)(F)	90,000	83,779	Series 2018-C03, Class 1M2 (1 month LIBOR + 2.150%), 2.318%, 10/25/2030 (G)	75,000	72,743
Series 2011-C5, Class C, 5.656%, 11/15/2044 (C)(F)	100,000	95,669	Series 2018-R07, Class 1B1, (1 month LIBOR + 4.350%), 4.518%, 04/25/2031 (C)(G)	115,000	95,462
Series 2013-C13, Class A4, 3.001%, 05/15/2045	65,000	66,447	Series 2019-HRP1, Class M2 (1 month LIBOR + 2.150%), 2.318%, 11/25/2039 (C)(G)	52,369	43,737
		2,112,514	Series 2019-R07, Class 1M1, (1 month LIBOR + 0.770%), 0.938%, 10/25/2039 (C)(G)	51,044	50,733
U.S. Government Agency - 3.3%			Series 2020-R01, Class 1M1, (1 month LIBOR + 0.800%), 0.968%, 01/25/2040 (C)(G)	73,447	72,622
Federal Home Loan Mortgage Corp. Series 2016-HQA2, Class M2 (1 month LIBOR + 2.250%), 2.418%, 11/25/2028 (G)	3,705	3,705	Series 2020-R01, Class 1M2, (1 month LIBOR + 2.050%), 2.218%, 01/25/2040 (C)(G)	30,000	26,925
Series 2016-HQA4, Class M2, (1 month LIBOR + 1.300%), 1.468%, 04/25/2029 (G)	60,213	60,071	Series 2020-R02, Class 2B1, (1 month LIBOR + 3.000%), 3.168%, 01/25/2040 (C)(G)	35,000	19,239
Series 2017-DNA2, Class M1 (1 month LIBOR + 1.200%), 1.368%, 10/25/2029 (G)	79,387	79,336			1,311,590
Series 2018-DNA1, Class M2, (1 month LIBOR + 1.800%), 1.968%, 07/25/2030 (G)	94,595	89,714	TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$3,291,146)	\$	3,424,104
Series 2018-HQA1, Class M2 (1 month LIBOR + 2.300%), 2.468%, 09/25/2030 (G)	30,537	28,469	ASSET BACKED SECURITIES - 6.1%		
Series 2020-HQA2, Class M2 (1 month LIBOR + 3.100%), 3.268%, 03/25/2050 (C)(G)	90,000	76,275	Ally Auto Receivables Trust		
Series K105, Class X1 IO, 1.645%, 01/25/2030	169,991	19,832	Series 2018-2, Class A3, 2.920%, 11/15/2022	122,870	124,268
			Series 2019-4, Class A3, 1.840%, 06/17/2024	120,000	122,207

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Opportunistic Fixed Income Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Ally Master Owner Trust, Series 2017-3, Class A1 (1 month LIBOR + 0.430%), 0.614%, 06/15/2022 (G)	\$ 55,000	\$ 54,948
American Credit Acceptance Receivables Trust, Series 2018-3, Class C, 3.750%, 10/15/2024 (C)	90,965	91,332

Opportunistic Fixed Income Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Santander Drive Auto Receivables Trust (continued)		
Series 2020-1, Class A3, 2.030%, 02/15/2024	\$ 5,000	\$ 5,057
SoFi Professional Loan Program Trust, Series 2020-C, Class AFX, 1.950%, 02/15/2046 (C)	100,000	100,000

American Express Credit Account Master Trust, Series 2017-5, Class B (1 month LIBOR + 0.580%), 0.764%, 02/18/2025 (G)	100,000	99,381	Taco Bell Funding LLC, Series 2018-1A, Class A2I, 4.318%, 11/25/2048 (C)	98,500	100,498
AmeriCredit Automobile Receivables Trust, Series 2016-1, Class D, 3.590%, 02/08/2022	100,000	100,382	Towd Point Mortgage Trust Series 2017-6, Class A1, 2.750%, 10/25/2057 (C)(F)	64,931	66,605
Canadian Pacer Auto Receivables Trust Series 2018-1A, Class A3, 3.000%, 11/19/2021 (C)	77,099	77,542	Series 2018-2, Class A1, 3.250%, 03/25/2058 (C)(F)	159,639	164,779
Series 2018-2A, Class A2A, 3.000%, 06/21/2021 (C)	8,473	8,486	Toyota Auto Receivables Owner Trust Series 2016-D, Class A4, 1.420%, 01/15/2022	30,486	30,529
CarMax Auto Owner Trust, Series 2020-2, Class A3, 1.700%, 11/15/2024	25,000	25,535	Series 2019-C, Class A2A, 2.000%, 04/15/2022	38,978	39,239
CCG Receivables Trust, Series 2018-1, Class A2, 2.500%, 06/16/2025 (C)	82,528	82,833	Westlake Automobile Receivables Trust Series 2020-1A, Class A2, 1.440%, 09/15/2023 (C)	150,000	150,554
ECMC Group Student Loan Trust, Series 2020-1A, Class A, 2.260%, 07/25/2069 (C)	100,000	100,560	Series 2019-A1, Class D, 3.670%, 03/15/2024 (C)	50,000	50,994
First Investors Auto Owner Trust, Series 2020-1A, Class A, 1.490%, 01/15/2025 (C)	138,898	140,086	World Omni Auto Receivables Trust, Series 2019-A, Class A3, 3.040%, 05/15/2024	90,000	92,442
Ford Credit Auto Lease Trust, Series 2018-A, Class A3, 2.930%, 06/15/2021	64,016	64,145	TOTAL ASSET BACKED SECURITIES (Cost \$2,463,725)	\$	2,487,412
Ford Credit Auto Owner Trust Series 2016-1, Class A, 2.310%, 08/15/2027 (C)	100,000	100,747	EXCHANGE-TRADED FUNDS - 9.1%		
Series 2017-A, Class A4, 1.920%, 04/15/2022	50,000	50,164	iShares iBoxx High Yield Corporate Bond ETF	15,100	1,244,542
Series 2017-C, Class A3, 2.010%, 03/15/2022	27,583	27,710	iShares JP Morgan USD Emerging Markets Bond ETF	18,100	1,925,840
Ford Credit Floorplan Master Owner Trust, Series 2015-5, Class A1, 2.420%, 08/15/2022	50,000	50,016	SPDR Blackstone/GSO Senior Loan ETF	5,000	215,600
GM Financial Consumer Automobile Receivables Trust Series 2018-2, Class A3, 2.810%, 12/16/2022	82,282	83,588	SPDR Bloomberg Barclays Convertible Securities ETF	5,700	323,874
Series 2020-2, Class A4, 1.740%, 08/18/2025	10,000	10,158	TOTAL EXCHANGE-TRADED FUNDS (Cost \$3,949,338)	\$	3,709,856
Honda Auto Receivables Owner Trust, Series 2019-2, Class A3, 2.520%, 06/21/2023	59,000	60,753	SHORT-TERM INVESTMENTS - 8.6%		
Mercedes-Benz Auto Lease Trust, Series 2019-A, Class A3, 3.100%, 11/15/2021	50,000	50,522	Short-term funds - 8.6%		
Mill City Mortgage Loan Trust, Series 2018-3, Class A1, 3.500%, 08/25/2058 (C)(F)	76,530	79,110	State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (H)	3,485,489	3,485,489
Navigent Private Education Refi Loan Trust, Series 2018-A, Class A1, 2.530%, 02/18/2042 (C)	16,355	16,361	TOTAL SHORT-TERM INVESTMENTS (Cost \$3,485,489)	\$	3,485,489
Nissan Auto Receivables Owner Trust, Series 2020-A, Class A3, 1.380%, 12/16/2024	15,000	15,278	Total Investments (Opportunistic Fixed Income Fund) (Cost \$48,249,945) - 116.0%	\$	47,116,915
			Other assets and liabilities, net - (16.0%)		(6,489,307)
			TOTAL NET ASSETS - 100.0%	\$	40,627,608
			Currency Abbreviations		
			AUD Australian Dollar		
			BRL Brazilian Real		
			CAD Canadian Dollar		
			CLP Chilean Peso		
			COP Colombian Peso		
			CZK Czech Republic Koruna		
			EUR Euro		
			HUF Hungarian Forint		
			IDR Indonesian Rupiah		
			ISK Icelandic Krona		

Santander Drive Auto Receivables
Trust

Series 2018-5, Class C,
3.810%, 12/16/2024

50,000

50,603

JPY Japanese Yen
KRW Korean Won
MXN Mexican Peso

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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Opportunistic Fixed Income Fund (continued)

MYR Malaysian Ringgit
PEN Peruvian Nuevo Sol
PLN Polish Zloty
RON Romanian New Leu
RUB Russian Ruble
THB Thai Bhat
TRY Turkish Lira
UYU Uruguayan Peso
ZAR South African Rand

Security Abbreviations and Legend

CPI Consumer Price Index
EURIBOR Euro Interbank Offered Rate
IO Interest-Only Security - (Interest Tranche of Stripped Mortgage Pool).
Rate shown is the annualized yield at the end of the period.
LIBOR London Interbank Offered Rate
TBA To Be Announced. A forward mortgage-backed securities trade issued
by a U.S. Government Agency, to be delivered at an agreed-upon
future settlement date.
(A) All or a portion of this security is segregated at the custodian as
collateral for certain derivatives.

Opportunistic Fixed Income Fund (continued)

(B) Security purchased or sold on a when-issued or delayed delivery
basis.
(C) These securities are exempt from registration under Rule 144A of the
Securities Act of 1933. Such securities may be resold, normally to
qualified institutional buyers, in transactions exempt from
registration. Rule 144A securities amounted to \$4,239,106 or 10.4%
of the fund's net assets as of 5-31-20.
(D) Term loans are variable rate obligations. The coupon rate shown
represents the rate at period end.
(E) 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).
(F) Variable or floating rate security, the interest rate of which adjusts
periodically based on a weighted average of interest rates and
prepayments on the underlying pool of assets. The interest rate shown
is the current rate as of period end.
(G) Variable rate obligation. The coupon rate shown represents the rate at
period end.
(H) The rate shown is the annualized seven-day yield as of 5-31-20.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
10-Year Australian Treasury Bond Futures	9	Long	Jun 2020	\$906,214	\$892,935	\$(13,279)
10-Year Canada Government Bond Futures	4	Long	Sep 2020	446,111	446,352	241
10-Year U.S. Treasury Note Futures	2	Long	Sep 2020	277,669	278,125	456
5-Year U.S. Treasury Note Futures	2	Long	Sep 2020	250,723	251,250	527
Ultra U.S. Treasury Bond Futures	3	Long	Sep 2020	652,599	654,094	1,495
10-Year Mini Japan Government Bond Futures	4	Short	Jun 2020	(573,004)	(564,477)	8,527
2-Year U.S. Treasury Note Futures	7	Short	Sep 2020	(1,545,424)	(1,545,906)	(482)
German Euro BUND Futures	12	Short	Jun 2020	(2,330,983)	(2,297,272)	33,711
U.K. Long Gilt Bond Futures	8	Short	Sep 2020	(1,356,859)	(1,357,907)	(1,048)
U.S. Treasury Long Bond Futures	1	Short	Sep 2020	(177,404)	(178,375)	(971)
						\$29,177

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

FORWARD FOREIGN CURRENCY CONTRACTS

	Contract to buy		Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
AUD	2,142,000	USD	1,421,690	MSI	6/30/2020	\$6,100	—
BRL	1,810,000	USD	333,752	JPM	6/2/2020	5,434	—
BRL	1,420,000	USD	263,529	MSI	6/2/2020	2,573	—
BRL	1,810,000	USD	338,761	JPM	7/2/2020	—	\$(124)
CAD	1,125,000	USD	812,604	BARC	6/30/2020	4,495	—
CLP	188,642,000	USD	235,508	JPM	6/30/2020	163	—
COP	2,120,175,000	USD	567,104	BARC	6/30/2020	—	(216)
CZK	12,164,000	USD	493,049	BOA	6/30/2020	8,802	—
CZK	1,337,000	USD	53,841	JPM	6/30/2020	1,320	—
EUR	1,161,000	USD	1,273,793	JPM	6/30/2020	15,711	—
GBP	1,284,000	USD	1,574,071	BOA	6/30/2020	11,870	—
HUF	80,878,000	USD	252,605	BOA	6/30/2020	6,001	—
IDR	4,929,786,000	USD	331,192	MSI	6/30/2020	3,965	—
JPY	356,843,000	USD	3,313,650	CITI	6/30/2020	—	(3,453)
KRW	925,336,000	USD	749,069	JPM	6/30/2020	1,552	—
MXN	12,562,000	USD	564,791	GSI	6/30/2020	—	(700)
NOK	5,791,000	USD	581,071	JPM	6/30/2020	14,798	—
NZD	458,000	USD	283,467	MSI	6/30/2020	804	—
PHP	27,397,000	USD	539,470	JPM	6/30/2020	2,520	—
RUB	5,830,000	USD	81,569	MSI	6/30/2020	831	—
SEK	2,080,000	USD	215,753	JPM	6/30/2020	5,052	—
SGD	891,000	USD	629,144	JPM	6/30/2020	1,568	—

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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Opportunistic Fixed Income Fund (continued)

FORWARD FOREIGN CURRENCY CONTRACTS (continued)

	Contract to buy		Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
SGD	1,490,000	USD	1,048,513	MSI	6/30/2020	\$6,213	—
TRY	3,777,000	USD	551,782	CITI	6/30/2020	—	\$(3,008)
USD	1,679,163	AUD	2,530,000	MSI	6/30/2020	—	(7,256)
USD	339,301	BRL	1,810,000	JPM	6/2/2020	114	—
USD	261,688	BRL	1,420,000	MSI	6/2/2020	—	(4,414)
USD	185,219	BRL	1,000,000	MSI	6/30/2020	—	(1,892)
USD	3,828,268	CAD	5,300,000	BARC	6/30/2020	—	(21,175)
USD	214,696	CHF	208,000	JPM	6/30/2020	—	(1,732)
USD	154,213	CLP	123,255,000	CITI	6/30/2020	230	—
USD	411,414	CLP	330,900,000	GSI	6/30/2020	—	(1,981)
USD	245,568	CLP	196,700,000	JPM	6/30/2020	—	(170)
USD	304,940	CNH	2,183,000	BOA	6/30/2020	—	(304)

USD	4,255,853	EUR	3,879,000	JPM	6/30/2020	—	(52,490)	
USD	946,404	GBP	772,000	BOA	6/30/2020	—	(7,137)	
USD	705,279	IDR	10,483,974,000	GSI	6/30/2020	—	(7,484)	
USD	1,900,579	IDR	28,290,113,000	MSI	6/30/2020	—	(22,753)	
USD	813,876	ILS	2,860,000	BOA	6/30/2020	—	(948)	
USD	98,545	INR	7,486,000	MSI	6/30/2020	—	(337)	
USD	2,198,632	JPY	236,768,000	CITI	6/30/2020	2,291	—	
USD	2,371,542	KRW	2,928,285,000	JPM	6/30/2020	—	(3,847)	
USD	875,692	MXN	19,477,000	GSI	6/30/2020	1,085	—	
USD	30,493	NOK	302,000	BOA	6/30/2020	—	(582)	
USD	108,368	NOK	1,080,000	JPM	6/30/2020	—	(2,760)	
USD	559,276	PLN	2,295,000	BOA	6/30/2020	—	(12,847)	
USD	305,562	RON	1,355,000	CITI	6/30/2020	—	(4,233)	
USD	1,928,575	RUB	137,842,000	MSI	6/30/2020	—	(19,648)	
USD	718,806	SEK	6,881,000	BARC	6/30/2020	—	(11,657)	
USD	22,613	SEK	218,000	JPM	6/30/2020	—	(530)	
USD	289,546	SGD	410,000	MSI	6/30/2020	—	(680)	
USD	302,406	TRY	2,070,000	CITI	6/30/2020	1,649	—	
USD	132,700	ZAR	2,324,000	BOA	6/30/2020	680	—	
ZAR	4,452,000	USD	254,830	BARC	6/30/2020	—	(1,925)	
							\$105,821	\$(196,283)

SWAPS

Interest rate swaps

Counterparty (OTC)/ Centrally cleared	Notional amount	Currency	Payments made	Payments received	Fixed payment frequency	Floating payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
CITI	6,440,000	CNY	CNY CNREPOFIX Reuters	Fixed 2.390%	Quarterly	Quarterly	Jun 2025	—	\$18,763	\$18,763
								—	\$18,763	\$18,763

Credit default swaps - Buyer

Counterparty (OTC)/ Centrally cleared	Reference obligation	Notional amount	Currency	USD notional amount	Pay fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
CITI	People's Republic of China	625,000	USD	\$625,000	1.000%	Quarterly	Dec 2024	\$(12,675)	\$(2,425)	\$(15,100)
GSI	Government of Russia	350,000	USD	350,000	1.000%	Quarterly	Dec 2024	1,298	(758)	540
GSI	People's Republic of China	850,000	USD	850,000	1.000%	Quarterly	Dec 2024	(21,907)	1,371	(20,536)
GSI	Republic of Indonesia	470,000	USD	470,000	1.000%	Quarterly	Dec 2024	1,422	7,625	9,047
GSI	Government of Russia	665,000	USD	665,000	1.000%	Quarterly	Jun 2025	21,583	(17,006)	4,577
JPM	Republic of Korea	2,110,000	USD	2,110,000	1.000%	Quarterly	Dec 2024	(65,936)	(9,997)	(75,933)
JPM	Government of Russia	395,000	USD	395,000	1.000%	Quarterly	Jun 2025	13,556	(10,837)	2,719
MSI	Federative Republic of Brazil	270,000	USD	270,000	1.000%	Quarterly	Dec 2024	5,848	12,960	18,808

MSI	Government of Japan	2,090,000	USD	2,090,000	1.000%	Quarterly	Dec 2024	(69,563)	(8,944)	(78,507)
MSI	Government of Malaysia	1,370,000	USD	1,370,000	1.000%	Quarterly	Dec 2024	(19,386)	4,520	(14,866)
MSI	Republic of Colombia	290,000	USD	290,000	1.000%	Quarterly	Dec 2024	2,406	4,668	7,074
MSI	CMBX.NA.BBB-.7	440,000	USD	440,000	3.000%	Monthly	Jan 2047	10,096	103,613	113,709

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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Opportunistic Fixed Income Fund (continued)

Credit default swaps - Buyer (continued)

Counterparty (OTC)/ Centrally cleared	Reference obligation	Notional amount	Currency	USD notional amount	Pay fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
MSI	CMBX.NA.BBB-.8	460,000	USD	\$460,000	3.000%	Monthly	Oct 2057	\$22,233	\$127,539	\$149,772
				\$10,385,000				\$(111,025)	\$212,329	\$101,304
Centrally cleared	iTraxx Europe Crossover Series 32 Version 1	420,000	EUR	474,873	5.000%	Quarterly	Dec 2024	(21,748)	(6,161)	(27,909)
				\$474,873				\$(21,748)	\$(6,161)	\$(27,909)
				\$10,859,873				\$(132,773)	\$206,168	\$73,395

Credit default swaps - Seller

Counterparty (OTC)/ Centrally cleared	Reference obligation	Implied credit spread	Notional amount	Currency	USD notional amount	Received fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
GSI	CDX.NA.HY.34	7.248%	842,800	USD	\$842,800	5.000%	Quarterly	Jun 2023	\$(20,122)	\$(6,474)	\$(26,596)
GSI	CDX.NA.HY.34	7.248%	426,300	USD	426,300	5.000%	Quarterly	Jun 2023	(10,187)	(3,265)	(13,452)
GSI	CDX.NA.HY.34	7.248%	421,400	USD	421,400	5.000%	Quarterly	Jun 2023	(15,228)	1,930	(13,298)
					\$1,690,500				\$(45,537)	\$(7,809)	\$(53,346)
Centrally cleared	CDX.NA.HY.33	6.619%	2,807,250	USD	2,807,250	5.000%	Quarterly	Dec 2024	24,516	(17,122)	7,394
Centrally cleared	CDX.NA.IG.33	0.847%	1,560,000	USD	1,560,000	1.000%	Quarterly	Dec 2024	(1,160)	34,728	33,568
Centrally cleared	iTraxx Europe Series 32 Version 1	0.804%	3,390,000	EUR	3,832,904	1.000%	Quarterly	Dec 2024	30,320	37,178	67,498
					\$8,200,154				\$53,676	\$54,784	\$108,460
					\$9,890,654				\$8,139	\$46,975	\$55,114

Total return swaps

Pay/ receive total return*	Reference entity	Floating/ fixed rate	Payment frequency	Currency	Notional amount	Maturity date	Counterparty (OTC)	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
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iBoxx \$ Liquid										
Receive	Index	Leveraged Loan	1-Month USD	At	USD	1,000,000	Jun 2020	MSI		
			LIBOR	Maturity					—	\$(47,673) \$(47,673)
									—	\$(47,673) \$(47,673)

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

Derivatives Currency Abbreviations

AUD	Australian Dollar
BRL	Brazilian Real
CAD	Canadian Dollar
CHF	Swiss Franc
CLP	Chilean Peso
CNY	Chinese Yuan Renminbi
COP	Colombian Peso
CZK	Czech Republic Koruna
EUR	Euro
GBP	Pound Sterling
HUF	Hungarian Forint
IDR	Indonesian Rupiah
ILS	Israeli New Shekel
INR	Indian Rupee
JPY	Japanese Yen
KRW	Korean Won
MXN	Mexican Peso
NOK	Norwegian Krone
NZD	New Zealand Dollar
PHP	Philippine Peso
PLN	Polish Zloty
RON	Romanian New Leu
RUB	Russian Ruble

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Opportunistic Fixed Income Fund (continued)

SEK	Swedish Krona
SGD	Singapore Dollar
TRY	Turkish Lira
USD	U.S. Dollar
ZAR	South African Rand

Derivatives Abbreviations

BARC	Barclays Bank PLC
BOA	Bank of America, N.A.
CITI	Citibank, N.A.
CNREPOFIX	China Fixing Repo Rate
GSI	Goldman Sachs International
JPM	JPMorgan Chase Bank, N.A.
LIBOR	London Interbank Offered Rate
MSI	Morgan Stanley & Co. International PLC

Real Estate Securities Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 98.8%		
Consumer discretionary – 1.2%		
Hotels, restaurants and leisure – 1.2%		
Hotels, resorts and cruise lines – 1.2%		
Hyatt Hotels Corp., Class A (A)	64,567	\$ 3,556,996
Real estate – 97.6%		
Equity real estate investment trusts – 97.6%		
Diversified REITs – 1.3%		
Essential Properties Realty Trust, Inc.	303,915	4,145,401
Health care REITs – 10.7%		
Healthcare Trust of America, Inc., Class A	145,110	3,841,062
Healthpeak Properties, Inc.	158,120	3,896,077
Medical Properties Trust, Inc.	182,804	3,305,096
Omega Healthcare Investors, Inc.	246,411	7,673,239
Sabra Health Care REIT, Inc.	207,935	2,798,805
Welltower, Inc.	224,097	11,354,995
		32,869,274
Hotel and resort REITs – 0.7%		
Apple Hospitality REIT, Inc.	223,078	2,277,626
Industrial REITs – 15.5%		
EastGroup Properties, Inc.	66,728	7,757,130
Prologis, Inc.	336,965	30,832,297
Rexford Industrial Realty, Inc.	225,560	8,977,288
		47,566,715
Office REITs – 9.5%		
Alexandria Real Estate Equities, Inc.	84,318	12,961,363
Cousins Properties, Inc.	230,880	7,184,986

Real Estate Securities Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Retail REITs – 8.7%		
Agree Realty Corp.	110,766	\$ 6,952,782
Kimco Realty Corp.	597,880	6,642,447
Realty Income Corp.	119,783	6,625,198
Regency Centers Corp.	149,351	6,390,729
		26,611,156
Specialized REITs – 27.9%		
American Tower Corp.	21,048	5,433,962
CyrusOne, Inc.	91,403	6,794,899
Digital Realty Trust, Inc.	100,966	14,494,679
Equinix, Inc.	42,746	29,820,892
Extra Space Storage, Inc.	92,979	8,995,718
Gaming and Leisure Properties, Inc.	241,608	8,345,140
Life Storage, Inc.	76,104	7,418,618
SBA Communications Corp.	14,811	4,652,579
		85,956,487
		300,310,403
TOTAL COMMON STOCKS (Cost \$258,514,639)		\$ 303,867,399
SHORT-TERM INVESTMENTS – 2.2%		
Short-term funds – 2.2%		
John Hancock Collateral Trust, 0.3653% (B)(C)	187,867	1,880,873
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (B)	4,974,701	4,974,701
TOTAL SHORT-TERM INVESTMENTS (Cost \$6,853,458)		\$ 6,855,574
Total Investments (Real Estate Securities Fund) (Cost \$265,368,097) – 101.0%		\$ 310,722,973
Other assets and liabilities, net – (1.0%)		(3,183,965)
TOTAL NET ASSETS – 100.0%		\$ 307,539,008

Security Abbreviations and Legend

- (A) All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$1,835,161.
- (B) The rate shown is the annualized seven-day yield as of 5-31-20.
- (C) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Highwoods Properties, Inc.	213,424	8,167,736
Kilroy Realty Corp.	13,901	794,025
		29,108,110
Residential REITs – 23.3%		
American Homes 4 Rent, Class A	263,587	6,652,936
Equity LifeStyle Properties, Inc.	176,704	11,008,659
Equity Residential	111,651	6,761,585
Essex Property Trust, Inc.	51,146	12,416,714
Invitation Homes, Inc.	422,012	11,098,916
Mid-America Apartment Communities, Inc.	104,492	12,158,689
Sun Communities, Inc.	58,789	8,065,263
UDR, Inc.	97,698	3,612,872
		71,775,634

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Science & Technology Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 93.9%		
Communication services – 20.0%		
Entertainment – 2.3%		
Activision Blizzard, Inc.	19,010	\$ 1,368,340
Electronic Arts, Inc. (A)	2,305	283,238
NetEase, Inc., ADR	1,650	631,785
Netflix, Inc. (A)	6,105	2,562,452
Take-Two Interactive Software, Inc. (A)	2,020	275,063
Zynga, Inc., Class A (A)(B)	193,840	1,773,636
		6,894,514
Interactive media and services – 17.4%		
58.com, Inc., ADR (A)	115,118	5,526,815
Alphabet, Inc., Class C (A)	12,242	17,492,839
Baidu, Inc., ADR (A)	12,612	1,343,809

Science & Technology Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
IT services – 10.6%		
Adyen NV (A)(C)	345	\$ 452,392
Akamai Technologies, Inc. (A)	1,500	158,700
DXC Technology Company	11,580	164,552
EPAM Systems, Inc. (A)	980	226,027
Fidelity National Information Services, Inc.	9,482	1,316,386
Fiserv, Inc. (A)	13,110	1,399,755
Global Payments, Inc.	8,779	1,575,743
Mastercard, Inc., Class A	9,260	2,786,241
MongoDB, Inc. (A)(B)	18,600	4,317,246
Okta, Inc. (A)	31,215	6,105,030
PayPal Holdings, Inc. (A)	24,425	3,786,119
Shopify, Inc., Class A (A)	575	435,735
Square, Inc., Class A (A)	16,820	1,363,766
Twilio, Inc., Class A (A)	27,370	5,408,312
Wix.com, Ltd. (A)	8,153	1,812,656
		31,308,660
Semiconductors and semiconductor equipment – 12.9%		
Advanced Micro Devices, Inc. (A)	49,920	2,685,696

Facebook, Inc., Class A (A)	90,041	20,267,326	Applied Materials, Inc.	60,156	3,379,564
Mail.Ru Group, Ltd., GDR (A)	230,367	4,133,437	ASML Holding NV, NYRS (B)	2,915	960,522
NAVER Corp.	14,754	2,698,338	Cree, Inc. (A)(B)	9,775	515,045
		51,462,564	Intel Corp.	12,005	755,475
Media – 0.3%			KLA Corp.	1,925	338,723
News Corp., Class A	65,299	799,913	Lam Research Corp.	10,836	2,965,488
		59,156,991	Maxim Integrated Products, Inc.	55,996	3,229,849
Consumer discretionary – 16.8%			Microchip Technology, Inc.	5,765	553,555
Automobiles – 0.3%			Micron Technology, Inc. (A)	143,687	6,884,044
Tesla, Inc. (A)	965	805,775	NVIDIA Corp.	19,661	6,980,048
Internet and direct marketing retail – 16.5%			Qorvo, Inc. (A)	4,385	459,285
Alibaba Group Holding, Ltd., ADR (A)	27,393	5,681,034	QUALCOMM, Inc.	54,100	4,375,608
Amazon.com, Inc. (A)	5,756	14,058,282	SK Hynix, Inc.	1,200	79,575
Booking Holdings, Inc. (A)	4,803	7,874,134	Skyworks Solutions, Inc.	13,185	1,562,950
Expedia Group, Inc.	1,785	141,872	STMicroelectronics NV	8,680	215,567
GrubHub, Inc. (A)	805	45,676	STMicroelectronics NV, NYRS (B)	40,120	996,982
JD.com, Inc., ADR (A)	5,745	312,126	Taiwan Semiconductor Manufacturing Company, Ltd., ADR	10,695	538,279
Naspers, Ltd., N Shares	15,876	2,584,501	Teradyne, Inc. (B)	4,030	270,091
Tongcheng-Elong Holdings, Ltd. (A)	606,400	1,096,336	Tokyo Electron, Ltd.	1,900	382,343
Trip.com Group, Ltd., ADR (A)	275,084	7,308,982			38,128,689
Zalando SE (A)(C)	141,052	9,591,380	Software – 22.8%		
		48,694,323	Alteryx, Inc., Class A (A)(B)	13,395	1,928,076
		49,500,098	Atlassian Corp. PLC, Class A (A)	29,720	5,507,116
Health care – 1.4%			Autodesk, Inc. (A)	1,405	295,584
Health care equipment and supplies – 0.9%			Citrix Systems, Inc.	15,336	2,271,568
Intuitive Surgical, Inc. (A)	4,611	2,674,518	Coupa Software, Inc. (A)	1,390	316,239
Health care technology – 0.5%			Crowdstrike Holdings, Inc., Class A (A)	41,125	3,611,186
Veeva Systems, Inc., Class A (A)	6,365	1,393,108	Datadog, Inc., Class A (A)	6,630	472,520
		4,067,626	DocuSign, Inc. (A)	2,340	326,992
Industrials – 0.7%			Elastic NV (A)	3,755	322,630
Aerospace and defense – 0.6%			Fortinet, Inc. (A)	2,105	293,016
The Boeing Company	12,165	1,774,265	HubSpot, Inc. (A)	12,540	2,507,248
Electrical equipment – 0.1%			Intuit, Inc.	5,038	1,462,632
Bloom Energy Corp., Class A (A)	23,560	189,187	Microsoft Corp.	90,923	16,661,640
		1,963,452	Palo Alto Networks, Inc. (A)	1,250	294,088
Information technology – 55.0%			Paycom Software, Inc. (A)	11,470	3,409,228
Communications equipment – 0.2%			Proofpoint, Inc. (A)	7,375	857,491
F5 Networks, Inc. (A)	1,005	145,645	RingCentral, Inc., Class A (A)	20,515	5,626,239
			salesforce.com, Inc. (A)	43,631	7,626,262
			ServiceNow, Inc. (A)	1,935	750,645
			Slack Technologies, Inc., Class A (A)	36,070	1,264,254
			Smartsheet, Inc., Class A (A)	5,230	301,562
			Splunk, Inc. (A)	8,460	1,572,206
			Synopsys, Inc. (A)	6,398	1,157,462
			TeamViewer AG (A)	27,100	1,375,996

Telefonaktiebolaget LM Ericsson, ADR (B)	32,475	296,822
		442,467
Electronic equipment, instruments and components – 0.7%		
Amphenol Corp., Class A	2,385	230,296
Cognex Corp. (B)	5,360	304,126
Flex, Ltd. (A)(B)	30,130	292,562
IPG Photonics Corp. (A)	1,920	298,368
Samsung SDI Company, Ltd.	2,900	844,381
		1,969,733

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Science & Technology Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Workday, Inc., Class A (A)	10,719	\$ 1,966,186
Zendesk, Inc. (A)	3,600	308,700
Zoom Video Communications, Inc., Class A (A)	10,190	1,828,901
Zscaler, Inc. (A)(B)	30,590	3,000,573
		67,316,240
Technology hardware, storage and peripherals – 7.8%		
Apple, Inc.	26,045	8,280,747
NetApp, Inc.	11,695	520,895
Pure Storage, Inc., Class A (A)	399,057	7,027,394
Samsung Electronics Company, Ltd.	176,245	7,258,839
		23,087,875
		162,253,664
Real estate – 0.0%		
Equity real estate investment trusts – 0.0%		
Equinix, Inc.	230	160,455
TOTAL COMMON STOCKS (Cost \$217,625,265)		\$ 277,102,286
PREFERRED SECURITIES – 0.6%		
Communication services – 0.3%		
Media – 0.3%		
Airbnb, Inc., Series E (A)(D)(E)	16,398	901,890
Industrials – 0.3%		
Road and rail – 0.3%		
DiDi Chuxing, Inc. (A)(D)(E)	16,798	684,435

Science & Technology Fund (continued)

Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global Depositary Receipt
LIBOR	London Interbank Offered Rate
NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$11,171,209.
(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)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to Portfolio of Investments.
(E)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.
(F)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(G)	The rate shown is the annualized seven-day yield as of 5-31-20.
(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.

Strategic Equity Allocation Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 94.8%		
Communication services – 8.3%		
Diversified telecommunication services – 1.4%		

TOTAL PREFERRED SECURITIES (Cost \$1,987,267)	\$	1,586,325	Anterix, Inc. (A)(B)	1,380	\$	73,968
EXCHANGE-TRADED FUNDS – 0.4%			AT&T, Inc.	823,159		25,402,687
Invesco QQQ Trust Series 1 (B)	1,825	425,882	ATN International, Inc.	1,401		83,219
iShares Expanded Tech Sector ETF	1,600	423,376	Bandwidth, Inc., Class A (A)(B)	2,032		225,247
Technology Select Sector SPDR Fund	4,305	421,761	BCE, Inc.	28,151		1,170,121
TOTAL EXCHANGE-TRADED FUNDS (Cost \$1,202,359)	\$	1,271,019	BT Group PLC	747,815		1,076,645
TERM LOANS (F) – 0.1%			Cellnex Telecom SA (A)(C)	36,273		2,035,213
Communication services – 0.1%			CenturyLink, Inc. (B)	110,555		1,086,756
Airbnb, Inc., Term Loan (3 month LIBOR + 7.500%)			China Telecom Corp., Ltd., H Shares	1,801,296		597,549
8.500%, 04/17/2025	\$	320,000	China Tower Corp., Ltd., H Shares (C)	5,394,400		1,095,598
TOTAL TERM LOANS (Cost \$312,012)	\$	325,200	China Unicom Hong Kong, Ltd.	793,816		461,599
SHORT-TERM INVESTMENTS – 9.2%			Chunghwa Telecom Company, Ltd.	466,479		1,717,598
Short-term funds – 7.8%			Cincinnati Bell, Inc. (A)	6,270		92,357
John Hancock Collateral Trust, 0.3653% (G)(H)	1,228,209	12,296,460	Cogent Communications Holdings, Inc. Consolidated	5,323		407,316
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (G)	2,042,607	2,042,607	Communications Holdings, Inc. (A)	8,983		54,437
T. Rowe Price Government Reserve Fund, 0.2523% (G)	8,587,459	8,587,459	Deutsche Telekom AG	482,114		7,566,118
		22,926,526	Elisa OYJ	18,375		1,144,995
Repurchase agreement – 1.4%			HKT Trust & HKT, Ltd.	453,322		644,895
Repurchase Agreement with State Street Corp. dated 5-29-20 at 0.000% to be repurchased at \$4,306,000 on 6-1-20, collateralized by \$4,165,000 U.S. Treasury Notes, 2.000% due 11-30-22 (valued at \$4,392,359)	\$	4,306,000	IDT Corp., Class B (A)	2,217		14,056
TOTAL SHORT-TERM INVESTMENTS (Cost \$27,226,274)	\$	27,232,526	Iliad SA	815		142,764
Total Investments (Science & Technology Fund) (Cost \$248,353,177) – 104.2%	\$	307,517,356	Iridium Communications, Inc. (A)	12,578		289,294
Other assets and liabilities, net – (4.2%)		(12,526,506)	Koninklijke KPN NV	584,269		1,428,169
TOTAL NET ASSETS – 100.0%	\$	294,990,850	LG Uplus Corp.	42,525		452,904
			Nippon Telegraph & Telephone Corp.	199,900		4,549,961
			Ooma, Inc. (A)	2,644		33,156
			Orange Polska SA (A)	46,571		75,439
			Orange SA	108,860		1,309,203
			ORBCOMM, Inc. (A)	9,991		27,375
			PCCW, Ltd.	467,000		256,768
			Proximus SADP	8,500		176,360
			Singapore Telecommunications, Ltd.	106,650		187,815
			Singapore Telecommunications, Ltd.	229,178		403,347

Spark New Zealand, Ltd.	113,104	310,918
Swisscom AG	3,183	1,656,436
Telecom Italia SpA (A)	901,840	334,779
Telecom Italia SpA, Savings Shares	636,925	246,484
Telefonica Deutschland Holding AG	123,978	378,094

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Diversified telecommunication services (continued)		
Telefonica SA	677,346	\$ 3,171,803
Telekom Malaysia BHD	118,818	115,312
Telekomunikasi Indonesia Persero Tbk PT	4,925,660	1,062,936
Telenor ASA	44,728	677,961
Telia Company AB	398,138	1,361,774
Telkom SA SOC, Ltd.	37,277	37,697
Telstra Corp., Ltd.	541,856	1,160,511
TELUS Corp.	71,343	1,236,332
TPG Telecom, Ltd.	47,548	267,299
True Corp. PCL, NVDR	1,153,500	133,924
United Internet AG	14,689	605,078
Verizon Communications, Inc.	466,036	26,741,146
Vonage Holdings Corp. (A)	28,702	276,400
		94,057,813
Entertainment – 1.4%		
Activision Blizzard, Inc.	107,727	7,754,189
Alibaba Pictures Group, Ltd. (A)	1,840,500	224,298
AMC Entertainment Holdings, Inc., Class A (B)	6,790	34,833
Bollore SA	44,090	126,604
CD Projekt SA (A)	4,835	487,397
Cinemark Holdings, Inc.	28,579	429,542
Electronic Arts, Inc. (A)	40,942	5,030,953
Eros International PLC (A)(B)	9,492	30,659
Gaia, Inc. (A)	1,480	11,588
Glu Mobile, Inc. (A)	14,664	146,347
HUYA, Inc., ADR (A)(B)	7,900	122,608
IMAX Corp. (A)	6,720	84,739
iQIYI, Inc., ADR (A)(B)	16,100	267,099

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Interactive media and services (continued)		
DHI Group, Inc. (A)	6,634	\$ 17,713
Eventbrite, Inc., Class A (A)(B)	4,763	41,057
EverQuote, Inc., Class A (A)	1,097	59,150
Facebook, Inc., Class A (A)	337,440	75,954,370
JOYY, Inc., ADR (A)	7,400	451,770
Kakaku.com, Inc.	20,800	505,117
Kakao Corp.	10,245	2,187,948
Liberty TripAdvisor Holdings, Inc., Class A (A)	9,722	23,090
LINE Corp. (A)	9,100	455,627
Momo, Inc., ADR	19,300	374,420
NAVER Corp.	27,767	5,078,266
QuinStreet, Inc. (A)	5,916	59,988
REA Group, Ltd.	6,675	448,881
SEEK, Ltd. (B)	42,710	573,740
SINA Corp. (A)	7,900	247,349
Tencent Holdings, Ltd.	736,212	39,870,192
The Meet Group, Inc. (A)	8,674	53,605
TripAdvisor, Inc.	28,168	543,079
TrueCar, Inc. (A)	13,663	36,890
Twitter, Inc. (A)	108,861	3,371,425
Weibo Corp., ADR (A)(B)	7,000	215,390
Yelp, Inc. (A)(B)	25,831	561,566
Z Holdings Corp.	412,107	1,695,019
		258,748,121
Media – 0.9%		
Altice Europe NV (A)	101,729	401,850
AMC Networks, Inc., Class A (A)	11,815	334,010
Boston Omaha Corp., Class A (A)	1,402	22,881
Cable One, Inc.	1,347	2,541,641

Konami Holdings Corp.	14,500	509,430	Cardlytics, Inc. (A)(B)	1,803	122,766
Liberty Media Corp.-Liberty Braves, Class A (A)	1,318	29,774	Central European Media Enterprises, Ltd., Class A (A)	11,214	44,856
Liberty Media Corp.-Liberty Braves, Class C (A)	4,582	100,575	Charter Communications, Inc., Class A (A)	21,985	11,959,840
Live Nation Entertainment, Inc. (A)(B)	19,759	971,352	Cheil Worldwide, Inc.	13,697	184,132
LiveXLive Media, Inc. (A)	4,497	12,861	China Literature, Ltd. (A)(B)(C)	32,200	184,021
NCSOFT Corp.	3,266	2,086,260	Comcast Corp., Class A	636,583	25,208,687
NetEase, Inc., ADR	9,104	3,485,922	comScore, Inc. (A)	6,713	25,274
Netflix, Inc. (A)	61,452	25,793,248	Cumulus Media, Inc., Class A (A)	1,956	10,113
Netmarble Corp. (A)(C)	5,054	377,599	CyberAgent, Inc.	15,600	788,867
Nexon Company, Ltd.	76,800	1,600,192	Cyfrowy Polsat SA	17,495	114,106
Nintendo Company, Ltd.	17,339	7,049,668	Daily Journal Corp. (A)(B)	141	39,494
Pearl Abyss Corp. (A)	1,261	208,408	Dentsu Group, Inc.	33,344	891,089
Square Enix Holdings Company, Ltd.	14,200	691,738	Discovery, Inc., Series A (A)(B)	22,158	481,937
Take-Two Interactive Software, Inc. (A)	15,870	2,161,018	Discovery, Inc., Series C (A)	47,051	921,729
Tencent Music Entertainment Group, ADR (A)(B)	11,700	151,164	DISH Network Corp., Class A (A)	35,898	1,136,172
The Marcus Corp.	2,970	40,036	Emerald Holding, Inc.	3,869	8,589
The Walt Disney Company	252,736	29,645,933	Entercom Communications Corp., Class A	15,707	26,231
Toho Company, Ltd.	17,300	636,066	Entravision Communications Corp., Class A	8,025	12,038
Ubisoft Entertainment SA (A)	4,926	382,226	Eutelsat Communications SA	9,376	93,874
Vivendi SA	45,012	1,029,214	Fluent, Inc. (A)	6,028	12,026
World Wrestling Entertainment, Inc., Class A (B)	12,722	588,647	Fox Corp., Class A	49,711	1,450,070
		92,302,187	Fox Corp., Class B	22,769	655,292
Interactive media and services – 3.8%			Gannett Company, Inc.	15,954	20,900
58.com, Inc., ADR (A)	12,100	580,921	Gray Television, Inc. (A)	11,536	160,812
Alphabet, Inc., Class A (A)	42,014	60,227,909	Grupo Televisa SAB (A)	323,597	383,509
Alphabet, Inc., Class C (A)	41,911	59,887,466	Hakuhodo DY Holdings, Inc.	35,900	447,073
Auto Trader Group PLC (C)	84,423	586,809	Hemisphere Media Group, Inc. (A)	2,386	23,383
Autohome, Inc., ADR (B)	7,500	576,975	Informa PLC	110,749	634,425
Baidu, Inc., ADR (A)	35,300	3,761,215	ITV PLC	324,723	323,807
CarGurus, Inc. (A)	9,519	247,304	JCDecaux SA (A)	4,229	86,654
Cars.com, Inc. (A)(B)	8,731	53,870	John Wiley & Sons, Inc., Class A	11,728	471,466

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Media (continued)		
Liberty Latin America, Ltd., Class A (A)(B)	6,234	\$ 62,153
Liberty Latin America, Ltd., Class C (A)	14,155	135,888

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Wireless telecommunication services (continued)		
TIM Participacoes SA	85,989	\$ 219,472
T-Mobile US, Inc. (A)	42,898	4,291,516
Total Access Communication PCL, NVDR	72,200	100,692

Loral Space & Communications, Inc.	1,674	31,521	Turkcell Iletisim Hizmetleri AS	72,353	150,330
MDC Partners, Inc., Class A (A)	7,810	10,270	Vodacom Group, Ltd.	79,608	571,569
Media General, Inc. (A)(D)	18,354	1,745	Vodafone Group PLC	2,378,277	3,911,072
Megacable Holdings SAB de CV	41,900	126,600	XL Axiata Tbk PT (A)	381,700	67,750
Meredith Corp. (B)	5,100	76,194			55,982,692
MSG Networks, Inc., Class A (A)(B)	5,463	67,632			564,132,674
MultiChoice Group, Ltd. (A)	54,172	267,646	Consumer discretionary – 10.7%		
National CineMedia, Inc.	8,132	22,363	Auto components – 0.5%		
News Corp., Class A	54,513	667,784	Adient PLC (A)	34,483	586,556
News Corp., Class B	17,039	208,898	Aisin Seiki Company, Ltd.	25,100	794,809
Omnicom Group, Inc.	30,530	1,672,739	American Axle & Manufacturing Holdings, Inc. (A)(B)	14,402	102,398
Pearson PLC	69,822	399,313	Aptiv PLC	53,703	4,046,521
Publicis Groupe SA	11,949	340,489	BorgWarner, Inc.	43,439	1,396,564
Quebecor, Inc., Class B	31,345	689,119	Bridgestone Corp.	88,300	2,930,691
Saga Communications, Inc., Class A	489	12,993	Cheng Shin Rubber Industry Company, Ltd.	226,730	248,374
Schibsted ASA, B Shares (A)	6,172	148,105	Cie Generale des Etablissements Michelin SCA	9,367	948,041
Scholastic Corp.	3,817	112,220	Continental AG	15,791	1,561,614
SES SA	19,859	147,123	Cooper Tire & Rubber Company	6,372	163,952
Shaw Communications, Inc., Class B	82,488	1,391,725	Cooper-Standard Holdings, Inc. (A)	2,255	23,655
Singapore Press Holdings, Ltd.	70,400	63,964	Dana, Inc.	56,900	719,216
TechTarget, Inc. (A)(B)	2,904	79,831	Delphi Technologies PLC (A)(B)	23,074	297,193
TEGNA, Inc.	85,549	1,002,634	Denso Corp.	67,316	2,592,882
Telenet Group Holding NV	2,393	97,905	Dorman Products, Inc. (A)	3,414	238,707
The EW Scripps Company, Class A	7,080	61,384	Faurecia SE (A)	3,997	154,971
The Interpublic Group of Companies, Inc.	54,366	930,202	Fox Factory Holding Corp. (A)(B)	4,762	343,388
The New York Times Company, Class A	38,538	1,511,846	Fuyao Glass Industry Group Company, Ltd., H Shares (C)	59,500	131,397
Tribune Publishing Company	2,268	21,546	Gentex Corp.	67,817	1,793,081
ViacomCBS, Inc., Class B	75,778	1,571,636	Gentherm, Inc. (A)	4,185	170,330
WideOpenWest, Inc. (A)	3,284	21,379	Hankook Tire & Technology Company, Ltd.	15,120	287,373
WPP PLC	113,449	863,400	Hanon Systems	36,140	284,960
		63,041,861	Hyundai Mobis Company, Ltd.	13,304	2,133,122
Wireless telecommunication services – 0.8%			JTEKT Corp.	32,600	263,939
Advanced Info Service PCL, NVDR	122,100	739,171	Koito Manufacturing Company, Ltd.	16,176	688,026
America Movil SAB de CV, Series L	4,467,400	2,969,604	LCI Industries	3,079	304,605
Axiata Group BHD	283,953	248,057	Lear Corp.	14,752	1,564,450
Boingo Wireless, Inc. (A)	5,581	76,460	Linamar Corp.	510	14,165
China Mobile, Ltd.	789,970	5,585,670	Magna International, Inc.	50,841	2,143,900
DiGi.Com BHD	310,020	324,188	Modine Manufacturing Company (A)	6,486	34,700
Empresa Nacional de Telecomunicaciones SA	23,648	150,681	Motorcar Parts of America, Inc. (A)	2,427	38,395
Far EasTone Telecommunications Company, Ltd.	189,595	409,338	Nexteer Automotive Group, Ltd.	117,982	64,788
Globe Telecom, Inc.	4,505	204,169	NGK Spark Plug Company, Ltd.	24,500	396,395
Gogo, Inc. (A)(B)	7,540	15,683	Nokian Renkaat OYJ	16,111	375,284
Intouch Holdings PCL, NVDR	230,800	390,994	Pirelli & C. SpA (A)(C)	38,916	175,143
KDDI Corp.	274,567	8,014,386	Standard Motor Products, Inc.	2,640	112,332
Maxis BHD	239,660	290,847	Stanley Electric Company, Ltd.	20,300	495,933
Millicom International Cellular SA	14,145	337,844	Stoneridge, Inc. (A)(B)	3,377	69,499
MTN Group, Ltd.	211,848	656,716	Sumitomo Electric Industries, Ltd.	118,000	1,380,539
NTT DOCOMO, Inc.	207,000	5,689,119	Sumitomo Rubber Industries, Ltd.	25,800	263,543
PLDT, Inc.	11,755	292,553	Tenneco, Inc., Class A (A)	6,760	45,698
Rogers Communications, Inc., Class B	62,194	2,606,380			

Shenandoah Telecommunications Company	6,057	318,659	The Goodyear Tire & Rubber Company	62,346	474,453
SK Telecom Company, Ltd.	4,011	700,527	The Yokohama Rubber Company, Ltd.	18,500	280,492
Softbank Corp.	259,500	3,295,099	Toyoda Gosei Company, Ltd.	10,000	214,677
SoftBank Group Corp.	243,552	11,124,418	Toyota Industries Corp.	22,829	1,172,924
Spok Holdings, Inc.	2,430	24,956	Valeo SA	13,150	325,053
Taiwan Mobile Company, Ltd.	197,000	704,927			
Tele2 AB, B Shares	72,651	962,618			
Telephone & Data Systems, Inc.	26,219	537,227			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Auto components (continued)		
Visteon Corp. (A)	11,032	\$ 794,304
		33,643,032
Automobiles – 1.0%		
Astra International Tbk PT	2,029,808	664,279
BAIC Motor Corp., Ltd., H Shares (C)	219,700	89,061
Bayerische Motoren Werke AG	48,037	2,815,264
Brilliance China Automotive Holdings, Ltd.	390,300	343,606
BYD Company, Ltd., H Shares (B)	80,694	463,100
Daimler AG	131,902	4,914,866
Dongfeng Motor Group Company, Ltd., H Shares	351,680	222,484
Ferrari NV	12,211	2,076,191
Fiat Chrysler Automobiles NV (A)	112,850	1,007,243
Ford Motor Company	819,149	4,677,341
Ford Otomotiv Sanayi AS	4,107	37,305
Geely Automobile Holdings, Ltd.	643,000	888,441
General Motors Company	264,494	6,845,105
Great Wall Motor Company, Ltd., H Shares	396,250	252,360
Guangzhou Automobile Group Company, Ltd., H Shares	375,346	310,876
Harley-Davidson, Inc.	32,457	692,632
Honda Motor Company, Ltd.	253,627	6,604,089
Hyundai Motor Company	29,728	2,363,625
Isuzu Motors, Ltd.	86,200	809,647
Kia Motors Corp.	52,615	1,463,041
Mazda Motor Corp.	87,480	564,728
Mitsubishi Motors Corp.	99,900	283,002
NIO, Inc., ADR (A)(B)	83,900	333,922
Nissan Motor Company, Ltd.	357,825	1,356,058

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Diversified consumer services (continued)		
K12, Inc. (A)	4,972	\$ 122,411
Laureate Education, Inc., Class A (A)	14,333	139,460
New Oriental Education & Technology Group, Inc., ADR (A)	18,300	2,195,268
OneSpaWorld Holdings, Ltd.	5,961	38,985
Perdoceo Education Corp. (A)	8,737	142,238
Regis Corp. (A)	3,022	31,791
Service Corp. International	49,001	1,932,109
Strategic Education, Inc.	2,696	457,322
TAL Education Group, ADR (A)	49,462	2,792,625
WW International, Inc. (A)	18,361	438,828
		13,085,189
Hotels, restaurants and leisure – 1.8%		
Accor SA (A)	9,576	270,712
Alsea SAB de CV (A)	70,200	59,232
Altus San Nicolas Corp. (A)(D)	4,667	479
AmRest Holdings SE (A)	5,395	35,331
Aristocrat Leisure, Ltd.	74,632	1,287,341
BBX Capital Corp.	8,990	16,092
BJ's Restaurants, Inc.	2,499	54,278
Bloomin' Brands, Inc.	11,118	126,856
Boyd Gaming Corp.	31,697	677,682
Brinker International, Inc.	14,781	389,479
Caesars Entertainment Corp. (A)	149,626	1,704,240
Carnival Corp. (B)	84,608	1,331,730
Carnival PLC	15,216	200,948
Carrols Restaurant Group, Inc. (A)	4,789	20,545
Century Casinos, Inc. (A)	3,676	20,108
Chipotle Mexican Grill, Inc. (A)	4,645	4,663,162
Choice Hotels International, Inc. (B)	8,516	688,348

Peugeot SA (A)	32,808	470,972	Churchill Downs, Inc.	13,944	1,849,950
Renault SA	10,408	235,935	Chuy's Holdings, Inc. (A)	2,167	34,650
Subaru Corp.	95,600	2,117,990	Compass Group PLC	140,768	2,063,573
Suzuki Motor Corp.	57,100	1,990,487	Cracker Barrel Old Country Store, Inc.	9,497	1,017,414
Thor Industries, Inc. (B)	14,798	1,275,588	Crown Resorts, Ltd.	49,399	316,520
Toyota Motor Corp.	354,800	22,360,305	Darden Restaurants, Inc.	23,694	1,821,121
Volkswagen AG	4,598	731,557	Dave & Buster's Entertainment, Inc.	4,027	53,116
Winnebago Industries, Inc. (B)	3,922	213,357	Del Taco Restaurants, Inc. (A)	3,975	24,248
Yamaha Motor Company, Ltd.	44,400	643,146	Denny's Corp. (A)	7,468	80,990
		70,117,603	Dine Brands Global, Inc. (B)	2,034	92,323
Distributors – 0.1%			Domino's Pizza, Inc.	7,024	2,710,140
Core-Mark Holding Company, Inc.	5,743	160,689	Drive Shack, Inc. (A)	8,467	15,071
Funko, Inc., Class A (A)	2,907	16,425	Dunkin' Brands Group, Inc.	22,209	1,418,489
Genuine Parts Company	33,711	2,811,835	El Pollo Loco Holdings, Inc. (A)	2,551	35,382
Jardine Cycle & Carriage, Ltd.	4,954	76,918	Eldorado Resorts, Inc. (A)(B)	25,873	917,457
LKQ Corp. (A)	71,107	1,952,598	Everi Holdings, Inc. (A)	10,282	63,851
Pool Corp.	10,733	2,887,392	Fiesta Restaurant Group, Inc. (A)	3,156	25,974
Weyco Group, Inc.	819	15,291	Flight Centre Travel Group, Ltd.	18,022	157,990
		7,921,148	Flutter Entertainment PLC	10,928	1,394,565
Diversified consumer services – 0.2%			Flutter Entertainment PLC (London Stock Exchange)	8,894	1,131,548
Adtalem Global Education, Inc. (A)	21,168	708,281	Galaxy Entertainment Group, Ltd.	262,000	1,790,910
American Public Education, Inc. (A)	1,929	60,628	Genting BHD	227,400	209,663
Benesse Holdings, Inc.	11,000	298,440	Genting Malaysia BHD	312,560	167,030
Carriage Services, Inc.	2,089	39,106	Genting Singapore, Ltd.	288,400	160,702
Chegg, Inc. (A)	14,971	914,429	Golden Entertainment, Inc. (A)	2,302	28,073
China East Education Holdings, Ltd. (C)	69,500	137,335	GVC Holdings PLC	52,130	511,748
China Education Group Holdings, Ltd.	74,000	128,628	Haidilao International Holding, Ltd. (B)(C)	46,000	223,767
Cogna Educacao	179,780	177,209	Hilton Worldwide Holdings, Inc.	51,257	4,065,193
Collectors Universe, Inc.	1,163	25,865	Huazhu Group, Ltd., ADR (B)	16,900	571,558
Graham Holdings Company, Class B	1,166	417,696	InterContinental Hotels Group PLC	15,466	742,275
Grand Canyon Education, Inc. (A)	12,928	1,261,644	Jack in the Box, Inc. (B)	9,274	621,543
H&R Block, Inc.	35,464	602,888	Jollibee Foods Corp.	59,480	127,925
Houghton Mifflin Harcourt Company (A)	14,381	22,003	Kangwon Land, Inc.	23,502	461,692

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hotels, restaurants and leisure (continued)		
Las Vegas Sands Corp.	61,390	\$ 2,943,037
Lindblad Expeditions Holdings, Inc. (A)	3,068	24,084
Marriott International, Inc., Class A	49,296	4,362,696

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Household durables (continued)		
Green Brick Partners, Inc. (A)	3,107	\$ 33,245
Haier Electronics Group Company, Ltd.	160,200	448,541

Marriott Vacations Worldwide Corp.	15,273	1,371,974	Hamilton Beach Brands Holding Company, Class A	892	8,519
McDonald's Corp.	136,808	25,490,067	Hamilton Beach Brands Holding Company, Class B	765	7,306
McDonald's Holdings Company Japan, Ltd.	10,100	537,486	Helen of Troy, Ltd. (A)	9,916	1,803,919
Melco Resorts & Entertainment, Ltd., ADR	26,500	424,795	Hooker Furniture Corp.	1,547	25,216
MGM Resorts International	93,552	1,607,223	Husqvarna AB, B Shares	61,084	452,983
Minor International PCL, NVDR (A)(B)	286,000	167,474	Iida Group Holdings Company, Ltd.	23,000	341,843
Monarch Casino & Resort, Inc. (A)	1,481	59,447	Installed Building Products, Inc. (A)	2,870	184,484
Nathan's Famous, Inc.	394	22,076	iRobot Corp. (A)	3,512	258,905
Noodles & Company (A)	3,801	22,274	KB Home	33,906	1,121,610
Norwegian Cruise Line Holdings, Ltd. (A)(B)	45,254	708,678	La-Z-Boy, Inc.	5,695	146,475
Oriental Land Company, Ltd. (B)	31,000	4,503,337	Leggett & Platt, Inc.	21,028	643,247
Papa John's International, Inc. (B)	8,707	678,188	Lennar Corp., A Shares	44,719	2,703,711
Penn National Gaming, Inc. (A)(B)	49,670	1,629,673	LG Electronics, Inc.	21,277	1,023,034
PlayAGS, Inc. (A)	3,636	18,944	LGI Homes, Inc. (A)(B)	2,530	211,053
RCI Hospitality Holdings, Inc.	1,166	16,895	M/I Homes, Inc. (A)	3,424	114,636
Red Robin Gourmet Burgers, Inc. (A)	1,739	24,103	MDC Holdings, Inc.	6,343	215,599
Red Rock Resorts, Inc., Class A	8,964	123,703	Meritage Homes Corp. (A)	4,573	317,824
Restaurant Brands International, Inc.	48,720	2,661,669	Mohawk Industries, Inc. (A)	9,499	885,307
Royal Caribbean Cruises, Ltd. (B)	31,227	1,619,697	Newell Brands, Inc.	60,885	800,638
Ruth's Hospitality Group, Inc.	3,631	29,447	Nien Made Enterprise Company, Ltd.	20,300	174,449
Sands China, Ltd.	292,052	1,147,207	Nikon Corp.	49,700	457,438
Scientific Games Corp. (A)(B)	21,614	339,988	NVR, Inc. (A)	555	1,787,994
SeaWorld Entertainment, Inc. (A)(B)	6,009	108,523	Panasonic Corp.	344,220	3,083,831
Shake Shack, Inc., Class A (A)(B)	3,683	204,591	Persimmon PLC	28,588	815,442
Six Flags Entertainment Corp. (B)	21,073	484,258	PulteGroup, Inc.	40,701	1,382,613
SJM Holdings, Ltd.	230,384	257,418	Purple Innovation, Inc. (A)	1,069	15,329
Sodexo SA	4,807	324,304	Rinnai Corp.	5,100	430,860
Starbucks Corp.	214,543	16,732,209	SEB SA	1,181	162,858
Tabcorp Holdings, Ltd.	260,043	559,601	Sekisui Chemical Company, Ltd.	57,100	800,376
Target Hospitality Corp. (A)	5,122	12,190	Sekisui House, Ltd.	96,700	1,845,919
Texas Roadhouse, Inc.	25,861	1,340,893	Sharp Corp.	33,140	360,889
The Cheesecake Factory, Inc. (B)	16,338	350,940	Skyline Champion Corp. (A)	6,377	158,405
The Wendy's Company	49,337	1,048,905	Sonos, Inc. (A)	10,197	110,739
TUI AG	41,078	224,004	Sony Corp.	197,700	12,804,205
Twin River Worldwide Holdings, Inc.	2,254	47,131	Tatung Company, Ltd. (A)	229,000	158,438
Whitbread PLC	11,916	373,727	Taylor Morrison Home Corp. (A)	51,971	1,004,599
Wingstop, Inc.	3,709	452,313	Taylor Wimpey PLC	296,714	531,497
Wyndham Destinations, Inc.	24,316	773,249	Tempur Sealy International, Inc. (A)(B)	12,180	794,501
Wyndham Hotels & Resorts, Inc.	25,513	1,171,812	The Berkeley Group Holdings PLC	10,754	547,827
Wynn Macau, Ltd.	184,550	316,094	The Lovesac Company (A)(B)	1,184	21,679
Wynn Resorts, Ltd.	17,552	1,461,731	Toll Brothers, Inc.	32,360	1,045,552
Yum China Holdings, Inc.	45,808	2,122,743	TopBuild Corp. (A)(B)	4,219	483,877
Yum! Brands, Inc.	54,945	4,930,215	TRI Pointe Group, Inc. (A)	54,807	784,836
		120,284,027	Tupperware Brands Corp.	6,421	20,740
Household durables – 0.8%			Universal Electronics, Inc. (A)	1,708	77,270
Arcelik AS (A)	12,151	28,126	Whirlpool Corp. (B)	10,098	1,230,138
Barratt Developments PLC	92,149	569,997	ZAGG, Inc. (A)	3,851	11,495
Bassett Furniture Industries, Inc.	1,485	9,504			50,605,906
Beazer Homes USA, Inc. (A)	3,803	37,345	Internet and direct marketing retail – 2.7%		
Casio Computer Company, Ltd.	30,100	531,587	1-800-Flowers.com, Inc., Class A (A)	3,148	69,697
Cavco Industries, Inc. (A)	1,090	207,307	Alibaba Group Holding, Ltd., ADR (A)	223,256	46,301,062

Century Communities, Inc. (A)(B)	3,608	106,580	Amazon.com, Inc. (A)	34,665	84,664,756
Coway Company, Ltd.	10,226	550,682	B2W Cia Digital (A)	20,800	357,119
D.R. Horton, Inc.	53,578	2,962,863	Baozun, Inc., ADR (A)(B)	5,600	148,344
Electrolux AB, Series B	33,104	545,814	Booking Holdings, Inc. (A)	3,484	5,711,739
Ethan Allen Interiors, Inc.	3,043	34,386	CJ ENM Company, Ltd.	2,164	212,476
Flexsteel Industries, Inc.	1,126	11,181	Delivery Hero SE (A)(C)	16,331	1,571,241
Garmin, Ltd.	23,084	2,081,484	eBay, Inc.	63,649	2,898,575
GoPro, Inc., Class A (A)	16,382	77,159	Etsy, Inc. (A)	31,765	2,572,330
			Expedia Group, Inc.	11,632	924,511
			Groupon, Inc. (A)	57,949	73,885

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Internet and direct marketing retail (continued)		
GrubHub, Inc. (A)(B)	24,516	\$ 1,391,038
JD.com, Inc., ADR (A)	94,800	5,150,484
Just Eat Takeaway.com NV (A)(C)	18,915	2,059,367
Liquidity Services, Inc. (A)	3,619	20,664
Meituan Dianping, Class B (A)	130,100	2,477,889
Mercari, Inc. (A)	11,900	356,129
Naspers, Ltd., N Shares	55,343	9,009,451
Ocado Group PLC (A)	40,141	1,091,731
Overstock.com, Inc. (A)	4,472	82,151
PetMed Express, Inc. (B)	2,447	88,337
Pinduoduo, Inc., ADR (A)(B)	24,800	1,658,376
Prosus NV (A)	80,246	6,695,908
Quotient Technology, Inc. (A)	9,617	66,934
Rakuten, Inc.	133,342	1,214,001
Shutterstock, Inc.	2,427	92,032
Stamps.com, Inc. (A)(B)	2,086	413,341
Stitch Fix, Inc., Class A (A)(B)	5,251	121,403
The RealReal, Inc. (A)(B)	6,613	88,680
The Rubicon Project, Inc. (A)	12,414	77,836
Trip.com Group, Ltd., ADR (A)	60,600	1,610,142
Vipshop Holdings, Ltd., ADR (A)	56,600	981,444
Waitr Holdings, Inc. (A)	8,000	19,760
Zalando SE (A)(C)	20,078	1,365,282
ZOZO, Inc.	16,800	309,843
		181,947,958
Leisure products – 0.2%		
Acushnet Holdings Corp. (B)	4,400	147,048
Bandai Namco Holdings, Inc.	30,900	1,717,938
Brunswick Corp.	21,869	1,203,014

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Multiline retail (continued)		
J Front Retailing Company, Ltd.	35,500	\$ 302,194
Kohl's Corp.	23,346	448,710
Lojas Renner SA	79,225	572,330
Lotte Shopping Company, Ltd.	2,198	158,626
Magazine Luiza SA	73,600	887,536
Marks & Spencer Group PLC	174,787	212,225
Marui Group Company, Ltd.	29,200	528,285
Next PLC	11,816	714,586
Nordstrom, Inc. (B)	15,974	257,661
Ollie's Bargain Outlet Holdings, Inc. (A)(B)	14,660	1,340,657
Pan Pacific International Holdings Corp.	68,400	1,379,251
Ryohin Keikaku Company, Ltd.	37,100	562,638
Shinsegae, Inc.	1,472	292,189
Target Corp.	75,567	9,244,111
Wesfarmers, Ltd.	147,004	3,959,452
Woolworths Holdings, Ltd.	117,791	194,660
		35,929,343
Specialty retail – 2.0%		
Aaron's, Inc.	26,562	980,403
ABC-Mart, Inc.	4,967	301,709
Abercrombie & Fitch Company, Class A (B)	8,011	93,088
Ace Hardware Indonesia Tbk PT (A)	632,000	67,329
Advance Auto Parts, Inc.	11,537	1,607,335
American Eagle Outfitters, Inc.	62,566	573,105
America's Car-Mart, Inc. (A)	785	62,462
Asbury Automotive Group, Inc. (A)(B)	2,445	176,725

Callaway Golf Company (B)	11,809	180,914	At Home Group, Inc. (A)(B)	6,276	29,748
Clarus Corp.	3,076	32,299	AutoNation, Inc. (A)	15,785	623,192
Escalade, Inc.	1,376	13,870	AutoZone, Inc. (A)	3,969	4,555,856
Giant Manufacturing Company, Ltd.	36,661	287,545	Bed Bath & Beyond, Inc. (B)	49,546	360,199
Hasbro, Inc. (B)	20,333	1,494,679	Best Buy Company, Inc.	37,934	2,962,266
HLB, Inc. (A)	7,297	668,909	Boot Barn Holdings, Inc. (A)(B)	3,618	77,715
Johnson Outdoors, Inc., Class A	675	52,387	Caleres, Inc.	5,123	36,732
Malibu Boats, Inc., Class A (A)	2,584	121,784	Camping World Holdings, Inc., Class A (B)	4,202	88,998
Marine Products Corp.	989	11,126	CarMax, Inc. (A)	27,391	2,411,778
MasterCraft Boat Holdings, Inc. (A)	2,383	35,411	Chico's FAS, Inc.	15,263	20,605
Mattel, Inc. (A)(B)	92,948	856,051	Citi Trends, Inc.	1,430	23,223
Polaris, Inc.	15,415	1,346,346	Conn's, Inc. (A)(B)	2,401	17,335
Sankyo Company, Ltd.	6,584	169,832	Designer Brands, Inc., Class A (B)	7,945	48,703
Sega Sammy Holdings, Inc.	26,700	348,513	Dick's Sporting Goods, Inc.	17,049	614,787
Shimano, Inc.	11,500	2,115,206	Dufry AG (A)	5,072	151,789
Smith & Wesson Brands, Inc. (A)	6,840	80,849	Express, Inc. (A)	8,531	16,721
Sturm Ruger & Company, Inc. (B)	2,099	130,852	Fast Retailing Company, Ltd.	9,100	5,114,975
Vista Outdoor, Inc. (A)	7,325	71,126	Five Below, Inc. (A)	14,925	1,561,901
Yamaha Corp.	22,300	1,087,905	Foot Locker, Inc.	28,695	794,852
YETI Holdings, Inc. (A)(B)	8,851	284,117	GameStop Corp., Class A (A)(B)	8,537	34,660
		12,457,721	Genesco, Inc. (A)	1,845	34,114
Multiline retail – 0.5%			GOME Retail Holdings, Ltd. (A)(B)	1,170,541	145,911
Big Lots, Inc. (B)	4,928	190,960	Group 1 Automotive, Inc. (B)	2,237	140,797
Canadian Tire Corp., Ltd., Class A (B)	10,570	902,962	Guess?, Inc. (B)	5,904	56,501
Central Retail Corp. PCL, NVDR (A)	186,275	226,487	Haverty Furniture Companies, Inc.	2,323	40,188
Dillard's, Inc., Class A (B)	3,917	117,549	Hennes & Mauritz AB, B Shares	117,852	1,792,356
Dollar General Corp.	37,967	7,271,060	Hibbett Sports, Inc. (A)	2,215	42,794
Dollar Tree, Inc. (A)	35,292	3,454,028	Hikari Tsushin, Inc.	3,200	701,833
Dollarama, Inc.	51,068	1,731,383	Home Product Center PCL, NVDR	600,400	280,653
El Puerto de Liverpool SAB de CV, Series C1	24,075	60,148	Hotai Motor Company, Ltd.	37,000	663,633
Falabella SA	114,375	266,503	Hotel Shilla Company, Ltd.	6,245	401,373
Harvey Norman Holdings, Ltd.	73,474	159,440	Hudson, Ltd., Class A (A)	5,308	26,752
Hyundai Department Store Company, Ltd.	2,840	147,120	Industria de Diseno Textil SA	158,189	4,406,109
Isetan Mitsukoshi Holdings, Ltd.	51,640	346,592	JD Sports Fashion PLC	38,995	319,697
			Kingfisher PLC	191,070	463,724
			L Brands, Inc.	38,685	626,310

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Specialty retail (continued)		
Lithia Motors, Inc., Class A	2,835	\$ 341,873
Lowe's Companies, Inc.	127,680	16,643,088

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Textiles, apparel and luxury goods (continued)		
G-III Apparel Group, Ltd. (A)(B)	5,683	\$ 58,705
Gildan Activewear, Inc. (B)	35,815	496,834

Lumber Liquidators Holdings, Inc. (A)	3,693	36,708	Hanesbrands, Inc.	57,791	569,819
MarineMax, Inc. (A)	2,693	51,248	Hermes International	1,726	1,442,413
Monro, Inc. (B)	4,146	228,445	Kering SA	4,171	2,186,688
Mr. Price Group, Ltd.	31,093	231,432	Kontoor Brands, Inc.	5,611	82,033
Murphy USA, Inc. (A)	11,429	1,326,907	Li Ning Company, Ltd.	252,500	855,405
National Vision Holdings, Inc. (A)(B)	9,929	265,899	LPP SA	93	159,336
Nitori Holdings Company, Ltd.	12,400	2,245,066	LVMH Moet Hennessy Louis Vuitton		
Office Depot, Inc.	68,816	169,976	SE	15,308	6,422,094
OneWater Marine, Inc. Class A (A)	644	9,499	Moncler SpA (A)	18,263	684,332
O'Reilly Automotive, Inc. (A)	12,603	5,258,476	Movado Group, Inc.	2,063	21,662
Pepkor Holdings, Ltd. (C)	100,552	68,541	NIKE, Inc., Class B	199,088	19,626,095
Petrobras Distribuidora SA	70,100	284,273	Oxford Industries, Inc. (B)	2,133	90,908
Rent-A-Center, Inc.	6,247	159,049	Pandora A/S	16,397	821,564
RH (A)(B)	6,517	1,413,472	Pou Chen Corp.	282,971	279,057
Ross Stores, Inc.	60,258	5,842,616	Puma SE (A)	11,970	861,147
Sally Beauty Holdings, Inc. (A)	46,017	600,062	PVH Corp.	11,846	538,638
Shimamura Company, Ltd.	3,400	239,412	Ralph Lauren Corp.	7,946	600,002
Shoe Carnival, Inc.	1,190	30,928	Rocky Brands, Inc.	896	18,583
Signet Jewelers, Ltd. (B)	6,642	70,073	Ruentex Industries, Ltd.	43,079	93,843
Sleep Number Corp. (A)(B)	3,549	110,622	Shenzhou International Group		
Sonic Automotive, Inc., Class A (B)	3,082	80,995	Holdings, Ltd.	96,200	1,157,614
Sportsman's Warehouse Holdings,			Skechers U.S.A., Inc., Class A (A)	35,900	1,124,388
Inc. (A)	5,367	59,949	Steven Madden, Ltd.	10,639	250,229
The Buckle, Inc. (B)	3,671	51,688	Superior Group of Companies, Inc.	1,458	14,595
The Cato Corp., Class A	2,895	28,082	Tapestry, Inc.	44,088	599,597
The Children's Place, Inc. (B)	1,879	78,242	The Swatch Group AG	5,729	224,413
The Foschini Group, Ltd.	28,631	102,661	The Swatch Group AG, Bearer		
The Gap, Inc. (B)	35,443	315,443	Shares (B)	3,747	755,886
The Home Depot, Inc.	181,712	45,151,798	Under Armour, Inc., Class A (A)(B)	30,080	263,200
The Michaels Companies, Inc. (A)(B)	10,225	39,469	Under Armour, Inc., Class C (A)	31,080	244,289
The TJX Companies, Inc.	202,009	10,657,995	Unifi, Inc. (A)	1,904	26,142
Tiffany & Company	17,982	2,304,034	Vera Bradley, Inc. (A)	2,784	14,616
Tilly's, Inc., Class A	2,845	14,566	VF Corp.	52,326	2,935,489
Topsports International Holdings,			Wolverine World Wide, Inc.	10,104	211,578
Ltd. (C)	157,000	224,588	Yue Yuen Industrial Holdings, Ltd.	88,500	127,434
Tractor Supply Company	19,721	2,406,356			63,494,469
Ulta Beauty, Inc. (A)	9,522	2,323,463			726,092,766
Urban Outfitters, Inc. (A)	18,911	320,352	Consumer staples – 6.5%		
USS Company, Ltd.	33,600	585,887	Beverages – 1.3%		
Williams-Sonoma, Inc.	20,806	1,731,267	Ambev SA	477,205	1,116,039
Winmark Corp.	317	45,607	Anadolu Efes Biracilik Ve Malt		
Yamada Denki Company, Ltd.	96,600	470,102	Sanayii AS (A)	14,043	38,175
Zhongsheng Group Holdings, Ltd.	72,100	373,033	Anheuser-Busch InBev SA/NV	43,472	2,028,626
Zumiez, Inc. (A)(B)	2,552	62,192	Arca Continental SAB de CV	58,142	259,659
		136,606,370	Asahi Group Holdings, Ltd.	56,361	2,120,854
Textiles, apparel and luxury goods – 0.9%			Brown-Forman Corp., Class B	21,298	1,404,177
adidas AG (A)	26,104	6,922,973	Budweiser Brewing Company APAC,		
ANTA Sports Products, Ltd.	138,000	1,236,759	Ltd. (B)(C)	160,200	451,582
Bosideng International Holdings, Ltd.	416,000	107,603	Carlsberg A/S, Class B	17,545	2,274,066
Burberry Group PLC	36,589	683,241	Carlsberg Brewery Malaysia BHD	15,900	105,910
Carter's, Inc.	11,835	1,016,745	Celsius Holdings, Inc. (A)	3,886	36,023
CCC SA	2,173	26,353	China Resources Beer Holdings		
Cie Financiere Richemont SA	65,320	3,839,489	Company, Ltd.	187,699	1,000,927
Columbia Sportswear Company (B)	7,784	568,699	Cia Cervecerias Unidas SA	22,471	162,496
			Coca-Cola Amatil, Ltd.	65,021	380,240

Crocs, Inc. (A)	8,738	250,344	Coca-Cola Bottlers Japan Holdings, Inc.	18,900	375,290
Culp, Inc.	1,613	12,436	Coca-Cola Consolidated, Inc. (B)	597	145,328
Deckers Outdoor Corp. (A)	11,047	2,016,409	Coca-Cola European Partners PLC	37,541	1,415,296
Eclat Textile Company, Ltd.	23,957	246,837	Coca-Cola Femsa SAB de CV	71,158	313,199
EssilorLuxottica SA (A)	15,540	2,022,500	Coca-Cola HBC AG	17,826	451,401
Feng TAY Enterprise Company, Ltd.	39,997	241,878	Constellation Brands, Inc., Class A	19,579	3,381,293
Fila Holdings Corp.	9,792	305,625	Craft Brew Alliance, Inc. (A)	1,491	22,529
Formosa Taffeta Company, Ltd.	104,000	118,586	Davide Campari-Milano SpA	58,480	477,197
Fossil Group, Inc. (A)	6,349	19,364	Diageo PLC	208,059	7,259,149

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Beverages (continued)		
Fomento Economico Mexicano SAB de CV	259,986	\$ 1,759,151
Fraser & Neave Holdings BHD	14,600	109,333
Heineken Holding NV	18,744	1,541,282
Heineken NV	42,535	3,895,808
Kirin Holdings Company, Ltd.	127,527	2,617,423
MGP Ingredients, Inc. (B)	1,659	62,229
Molson Coors Beverage Company, Class B	21,959	833,564
Monster Beverage Corp. (A)	44,627	3,209,128
National Beverage Corp. (A)(B)	1,494	85,128
New Age Beverages Corp. (A)(B)	10,271	15,509
Osotspa PCL, NVDR	75,700	101,468
PepsiCo, Inc.	163,006	21,443,439
Pernod Ricard SA	11,653	1,815,965
Primo Water Corp.	2,967	35,693
Remy Cointreau SA	1,189	141,440
Suntory Beverage & Food, Ltd.	21,400	875,800
The Boston Beer Company, Inc., Class A (A)	3,522	1,988,979
The Coca-Cola Company	450,761	21,041,523
Treasury Wine Estates, Ltd.	93,931	603,927
Tsingtao Brewery Company, Ltd., H Shares	49,700	345,888
		87,742,133
Food and staples retailing – 1.6%		
Aeon Company, Ltd.	101,100	2,240,423
Alimentation Couche-Tard, Inc., Class B	148,487	4,648,139
Atacadao SA	38,400	133,054

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food and staples retailing (continued)		
PriceSmart, Inc.	2,845	\$ 154,711
Raia Drogasil SA	23,186	475,512
Rite Aid Corp. (A)(B)	7,017	92,133
Seven & i Holdings Company, Ltd.	116,946	4,011,374
Shoprite Holdings, Ltd.	58,114	342,551
SpartanNash Company	4,539	97,180
Sprouts Farmers Market, Inc. (A)	31,671	795,892
Sun Art Retail Group, Ltd.	303,300	466,864
Sundrug Company, Ltd.	11,000	370,538
Sysco Corp.	76,855	4,239,322
Tesco PLC	870,679	2,472,297
The Andersons, Inc. (B)	4,056	52,566
The Chefs' Warehouse, Inc. (A)	3,160	46,768
The Kroger Company	120,801	3,940,529
The SPAR Group, Ltd. (B)	23,021	230,154
Tsuruha Holdings, Inc.	5,700	843,930
United Natural Foods, Inc. (A)(B)	6,784	132,966
Village Super Market, Inc., Class A	1,075	25,725
Walgreens Boots Alliance, Inc.	112,933	4,849,343
Wal-Mart de Mexico SAB de CV	694,600	1,738,497
Walmart, Inc.	213,681	26,509,265
Weis Markets, Inc.	1,194	66,542
Welcia Holdings Company, Ltd.	7,300	614,203
Wm Morrison Supermarkets PLC	218,407	506,716
Woolworths Group, Ltd.	163,687	3,855,886
		108,548,619
Food products – 1.7%		
a2 Milk Company, Ltd. (A)	44,641	528,620
Ajinomoto Company, Inc.	68,000	1,160,121

Berli Jucker PCL, NVDR (B)	120,800	161,620	Alico, Inc.	699	22,431
BGF retail Company, Ltd.	1,538	207,553	Archer-Daniels-Midland Company	65,075	2,558,098
Bid Corp., Ltd.	41,220	581,855	Associated British Foods PLC	31,968	723,052
BIM Birllesik Magazalar AS	26,545	253,108	B&G Foods, Inc. (B)	7,994	185,621
BJ's Wholesale Club Holdings, Inc. (A)	46,858	1,686,888	Barry Callebaut AG	368	742,230
Carrefour SA	33,073	503,228	BRF SA (A)	57,610	249,708
Casey's General Stores, Inc.	9,861	1,575,098	Calavo Growers, Inc. (B)	2,067	120,940
Casino Guichard Perrachon SA (A)(B)	2,838	106,913	Calbee, Inc.	12,300	356,161
Cencosud SA	219,539	256,458	Cal-Maine Foods, Inc. (A)	3,985	177,572
Cia Brasileira de Distribuicao	15,900	187,655	Campbell Soup Company	19,747	1,006,702
Clicks Group, Ltd.	32,104	426,346	Charoen Pokphand Foods PCL, NVDR	404,400	401,519
Coles Group, Ltd.	173,069	1,771,708	Charoen Pokphand Indonesia Tbk PT	727,303	288,421
Colruyt SA	3,019	182,223	China Huishan Dairy Holdings Company, Ltd. (A)(D)	280,500	0
Costco Wholesale Corp.	66,545	20,527,136	China Mengniu Dairy Company, Ltd. (A)	352,353	1,270,857
CP ALL PCL, NVDR	595,200	1,321,877	Chocoladefabriken Lindt & Spruengli AG	13	1,133,628
Dairy Farm International Holdings, Ltd.	40,400	170,726	Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	133	1,114,143
Dino Polska SA (A)(C)	3,466	158,135	CJ CheilJedang Corp.	1,643	394,839
E-MART, Inc.	4,116	378,602	Conagra Brands, Inc.	56,888	1,979,134
Empire Company, Ltd., Class A	30,414	688,310	Dali Foods Group Company, Ltd. (C)	260,300	165,569
FamilyMart Company, Ltd.	39,400	738,599	Danone SA	33,915	2,333,368
George Weston, Ltd.	13,420	969,425	Darling Ingredients, Inc. (A)	64,654	1,507,085
GS Retail Company, Ltd.	5,302	182,715	Farmer Brothers Company (A)	1,604	12,367
HF Foods Group, Inc. (A)(B)	2,845	20,370	Flowers Foods, Inc.	51,600	1,217,244
ICA Gruppen AB	13,019	613,167	Fresh Del Monte Produce, Inc.	3,891	96,847
Ingles Markets, Inc., Class A	1,785	76,059	Freshpet, Inc. (A)	4,348	335,579
J Sainsbury PLC	159,412	382,244	General Mills, Inc.	70,652	4,453,902
Jeronimo Martins SGPS SA (A)	31,923	544,341	Genting Plantations BHD	27,900	64,957
Koninklijke Ahold Delhaize NV	180,629	4,579,654	Gruma SAB de CV, Class B	27,923	277,045
Lawson, Inc.	7,500	416,069	Grupo Bimbo SAB de CV, Series A	214,300	335,156
Loblaw Companies, Ltd. (B)	31,935	1,580,920	Hormel Foods Corp.	32,505	1,587,219
METRO AG	25,336	236,995	Hostess Brands, Inc. (A)(B)	15,167	183,142
Metro, Inc.	44,191	1,842,937	Indofood CBP Sukses Makmur Tbk PT	226,900	126,885
Natural Grocers by Vitamin Cottage, Inc.	1,215	17,496	Indofood Sukses Makmur Tbk PT	441,617	174,279
Performance Food Group Company (A)	16,192	431,517			
Pick n Pay Stores, Ltd.	44,526	135,061			
President Chain Store Corp.	69,274	682,531			

John Hancock Funds II

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Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food products (continued)		

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Household products (continued)		

Ingredion, Inc.	17,898	\$ 1,507,549	Energizer Holdings, Inc. (B)	17,247	\$ 756,798
IOI Corp. BHD	199,100	208,531	Essity AB, B Shares (A)	88,752	2,939,516
J&J Snack Foods Corp. (B)	1,915	246,326	Henkel AG & Company KGaA	15,052	1,210,510
JBS SA	110,481	454,860	Kimberly-Clark Corp.	24,515	3,467,402
John B. Sanfilippo & Son, Inc.	1,083	94,156	Kimberly-Clark de Mexico SAB de CV, Class A	199,135	310,002
Kellogg Company	29,106	1,900,913	Lion Corp.	34,400	792,075
Kerry Group PLC, Class A	19,604	2,428,950	Oil-Dri Corp. of America	678	24,022
Kerry Group PLC, Class A (London Stock Exchange)	2,564	313,557	Pigeon Corp.	17,800	696,034
Kikkoman Corp.	22,600	1,140,315	Reckitt Benckiser Group PLC	62,842	5,628,534
Kuala Lumpur Kepong BHD	45,200	228,976	The Clorox Company	8,975	1,851,094
Lamb Weston Holdings, Inc.	17,073	1,025,404	The Procter & Gamble Company	178,349	20,674,216
Lancaster Colony Corp. (B)	7,690	1,180,107	Unicharm Corp.	62,588	2,337,088
Landec Corp. (A)	3,382	36,086	Unilever Indonesia Tbk PT	736,925	391,611
Limoneira Company	2,118	28,296	WD-40 Company	1,728	331,517
McCormick & Company, Inc.	14,445	2,530,186			47,381,664
MEIJI Holdings Company, Ltd.	17,700	1,336,574	Personal products – 0.6%		
Mondelez International, Inc., Class A	168,311	8,772,369	Amorepacific Corp.	6,391	844,194
Mowi ASA	27,318	514,891	AMOREPACIFIC Group	5,768	270,467
Nestle Malaysia BHD	6,400	204,960	Beiersdorf AG	14,440	1,516,765
Nestle SA	373,067	40,506,496	BellRing Brands, Inc. Class A (A)	5,048	101,364
NH Foods, Ltd.	12,800	473,612	Coty, Inc., Class A	21,136	76,724
Nisshin Seifun Group, Inc.	30,600	477,605	Edgewell Personal Care Company (A)	21,387	650,593
Nissin Foods Holdings Company, Ltd.	9,817	822,883	elf Beauty, Inc. (A)	3,334	57,145
Orion Corp.	4,686	499,708	Hengan International Group Company, Ltd.	91,100	750,215
Orkla ASA	47,605	427,576	Inter Parfums, Inc.	2,236	103,773
Ottagi Corp.	245	109,298	Kao Corp.	74,800	6,021,415
Pilgrim's Pride Corp. (A)	14,050	290,414	Kobayashi Pharmaceutical Company, Ltd.	7,600	679,914
Post Holdings, Inc. (A)	17,818	1,551,235	Kose Corp.	5,200	654,847
PPB Group BHD	59,920	239,545	LG Household & Health Care, Ltd.	1,863	2,064,823
QL Resources BHD	63,400	147,443	Lifevantage Corp. (A)	1,786	27,344
Sanderson Farms, Inc.	7,800	1,029,756	L'Oreal SA	13,820	4,053,563
Saputo, Inc.	42,815	1,051,989	Medifast, Inc. (B)	1,402	143,481
Seneca Foods Corp., Class A (A)	849	30,963	Natura & Company Holding SA	65,380	455,527
Sime Darby Plantation BHD	215,800	246,726	Nature's Sunshine Products, Inc. (A)	1,235	11,980
Standard Foods Corp.	50,402	106,660	Nu Skin Enterprises, Inc., Class A	14,891	553,647
Thai Union Group PCL, NVDR	344,000	148,320	Pola Orbis Holdings, Inc.	13,900	271,718
The Hain Celestial Group, Inc. (A)	21,537	677,985	Revlon, Inc., Class A (A)(B)	1,018	10,424
The Hershey Company	17,337	2,352,284	Shiseido Company, Ltd.	62,100	3,809,836
The J.M. Smucker Company (B)	13,332	1,518,915	The Estee Lauder Companies, Inc., Class A	15,916	3,142,933
The Kraft Heinz Company	72,802	2,218,277	Unilever NV	241,157	12,462,493
The Simply Good Foods Company (A)	10,461	178,151	Unilever PLC	98,425	5,284,790
Tiger Brands, Ltd.	19,960	178,530	USANA Health Sciences, Inc. (A)	1,581	133,942
Tingyi Cayman Islands Holding Corp.	251,100	432,286			44,153,917
Tootsie Roll Industries, Inc. (B)	6,750	240,435	Tobacco – 0.6%		
Toyo Suisan Kaisha, Ltd.	13,600	712,677	22nd Century Group, Inc. (A)	16,034	13,281
TreeHouse Foods, Inc. (A)	15,070	794,340	Altria Group, Inc.	218,376	8,527,583
Tyson Foods, Inc., Class A	34,506	2,120,049	British American Tobacco PLC	203,371	8,065,776
Uni-President China Holdings, Ltd.	164,900	171,460	Gudang Garam Tbk PT	49,282	164,665
Uni-President Enterprises Corp.	592,805	1,438,882	Hanjaya Mandala Sampoerna Tbk PT	930,000	123,888
Universal Robina Corp.	119,650	309,586	Imperial Brands PLC	84,216	1,536,114
Vitasoy International Holdings, Ltd.	90,000	335,938	Japan Tobacco, Inc.	186,000	3,691,389
Vant Want China Holdings, Ltd.	633,912	459,674			
WH Group, Ltd. (C)	1,162,270	1,011,110			

Wilmar International, Ltd.	89,600	253,129	KT&G Corp.	23,201	1,574,613
Yakult Honsha Company, Ltd.	18,500	1,136,497	Philip Morris International, Inc.	181,876	13,342,423
Yamazaki Baking Company, Ltd.	18,600	333,442	Swedish Match AB	24,730	1,725,981
Yihai International Holding, Ltd. (A)	60,500	543,872	Turning Point Brands, Inc.	1,069	25,645
		117,015,195	Universal Corp.	3,045	134,163
Household products – 0.7%			Vector Group, Ltd. (B)	13,969	159,666
Central Garden & Pet Company (A)	1,319	48,394			39,085,187
Central Garden & Pet Company, Class A (A)	5,024	172,122	Energy – 3.7%		443,926,715
Church & Dwight Company, Inc.	17,550	1,317,479			
Colgate-Palmolive Company	61,292	4,433,250			

John Hancock Funds II

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Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Energy equipment and services – 0.2%		
Apergy Corp. (A)	20,766	\$ 188,348
Archrock, Inc.	16,431	104,337
Baker Hughes Company	133,546	2,204,844
Cactus, Inc., Class A	6,057	115,568
China Oilfield Services, Ltd., H Shares	209,700	183,595
Dialog Group BHD	368,912	339,244
DMC Global, Inc. (B)	1,845	52,675
Dril-Quip, Inc. (A)(B)	4,640	141,010
Era Group, Inc. (A)	2,640	13,226
Exterran Corp. (A)	3,927	25,211
Frank's International NV (A)	14,445	32,501
Geospace Technologies Corp. (A)	1,842	14,515
Halliburton Company	180,381	2,119,477
Helix Energy Solutions Group, Inc. (A)	18,558	62,355
Liberty Oilfield Services, Inc., Class A	7,129	36,714
Matrix Service Company (A)	3,540	39,011
Nabors Industries, Ltd. (B)	958	35,503
National Energy Services Reunited Corp. (A)	3,206	18,210
National Oilwell Varco, Inc.	79,282	988,647
Natural Gas Services Group, Inc. (A)	2,093	13,102
Newpark Resources, Inc. (A)	12,226	24,697
NexTier Oilfield Solutions, Inc. (A)	20,727	60,108
Oceaneering International, Inc. (A)	12,983	83,351
Oil States International, Inc. (A)	8,256	35,005
ProPetro Holding Corp. (A)	10,392	51,440
RPC, Inc. (A)	7,926	25,205
Schlumberger, Ltd.	284,482	5,254,383

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
China Shenhua Energy Company, Ltd., H Shares	434,400	\$ 795,692
Cimarex Energy Company	27,293	717,260
Clean Energy Fuels Corp. (A)	17,531	36,640
CNOOC, Ltd.	2,295,116	2,622,080
CNX Resources Corp. (A)(B)	73,647	750,463
Comstock Resources, Inc. (A)	2,080	11,149
Concho Resources, Inc.	41,310	2,252,221
ConocoPhillips	225,481	9,510,789
CONSOL Energy, Inc. (A)	3,368	22,936
Cosan SA (A)	16,194	199,834
COSCO SHIPPING Energy Transportation Company, Ltd., H Shares	153,300	76,411
CVR Energy, Inc. (B)	3,759	76,684
Delek US Holdings, Inc. (B)	9,379	184,485
Denbury Resources, Inc. (A)	67,038	14,279
Devon Energy Corp.	79,522	859,633
DHT Holdings, Inc.	13,740	81,616
Diamond S Shipping, Inc. (A)	3,399	37,219
Diamondback Energy, Inc.	33,115	1,410,037
Dorian LPG, Ltd. (A)	3,412	28,047
Ecopetrol SA	736,806	393,095
Empresas COPEC SA	58,950	371,936
Enbridge, Inc.	344,628	11,208,514
Energy Fuels, Inc. (A)(B)	13,196	22,697
Eni SpA	256,896	2,336,351
EOG Resources, Inc.	119,549	6,093,413

SEACOR Holdings, Inc. (A)	2,251	60,327	EQT Corp.	68,533	914,230
Select Energy Services, Inc., Class A (A)	7,776	46,189	Equinor ASA	62,483	911,229
Solaris Oilfield Infrastructure, Inc., Class A	4,145	28,725	Equitrans Midstream Corp.	55,321	447,547
TechnipFMC PLC	86,362	639,079	Evolution Petroleum Corp.	4,109	10,026
Tenaris SA	47,255	297,389	Exxaro Resources, Ltd.	31,480	223,297
Tidewater, Inc. (A)	5,625	26,831	Exxon Mobil Corp.	869,463	39,534,483
Transocean, Ltd. (A)(B)	154,187	205,069	Falcon Minerals Corp.	5,703	14,200
U.S. Silica Holdings, Inc.	9,939	29,320	Formosa Petrochemical Corp.	150,900	442,212
Worley, Ltd.	43,075	241,965	Galp Energia SGPS SA	64,402	766,267
		13,837,176	GasLog, Ltd.	5,536	18,988
Oil, gas and consumable fuels – 3.5%			Golar LNG, Ltd. (B)	12,137	96,246
Adaro Energy Tbk PT	1,468,045	110,958	Goodrich Petroleum Corp. (A)	1,356	10,902
Aker BP ASA	6,534	105,617	Green Plains, Inc. (A)	4,554	38,937
Ampol, Ltd.	32,415	586,434	Grupa Lotos SA	6,509	96,664
Antero Midstream Corp.	79,625	380,608	GS Holdings Corp.	10,330	315,296
Apache Corp.	77,270	833,743	Gulfport Energy Corp. (A)	20,852	31,487
Arch Resources, Inc. (B)	1,932	63,679	Hess Corp.	53,221	2,526,401
Ardmore Shipping Corp.	4,386	25,614	HollyFrontier Corp.	30,510	959,540
Banpu PCL, NVDR	421,500	82,923	Husky Energy, Inc.	60,906	171,635
Berry Corp.	8,288	35,141	Idemitsu Kosan Company, Ltd.	30,228	672,989
Bonanza Creek Energy, Inc. (A)	2,439	41,219	Imperial Oil, Ltd.	46,012	718,828
BP PLC	1,795,544	6,866,050	Inner Mongolia Yitai Coal Company, Ltd., Class B	135,100	79,216
Brigham Minerals, Inc., Class A	3,675	48,694	Inpex Corp.	159,700	1,118,261
Bukit Asam Tbk PT (A)	342,000	45,770	Inter Pipeline, Ltd. (B)	72,403	663,109
Cabot Oil & Gas Corp.	83,825	1,663,088	International Seaways, Inc.	3,152	71,487
California Resources Corp. (A)(B)	7,070	9,403	IRPC PCL, NVDR	1,068,000	90,993
Callon Petroleum Company (A)	50,745	33,933	JXTG Holdings, Inc.	475,150	1,836,422
Cameco Corp.	68,120	740,150	Keyera Corp. (B)	37,681	597,160
Canadian Natural Resources, Ltd.	201,975	3,689,343	Kinder Morgan, Inc.	400,271	6,324,282
Cenovus Energy, Inc.	179,565	782,504	Koninklijke Vopak NV	11,376	622,983
Chevron Corp.	388,561	35,631,044	Laredo Petroleum, Inc. (A)	24,078	20,430
China Coal Energy Company, Ltd., H Shares	268,900	64,769	Lundin Energy AB	26,861	655,365
China Petroleum & Chemical Corp., H Shares	3,268,139	1,524,816	Magnolia Oil & Gas Corp., Class A (A)(B)	13,146	72,960
			Marathon Oil Corp.	164,377	877,773
			Marathon Petroleum Corp.	133,431	4,688,765

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Mataador Resources Company (A)	43,586	\$ 341,714
MOL Hungarian Oil & Gas PLC (B)	68,613	434,472

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Valero Energy Corp.	84,386	\$ 5,623,483
W&T Offshore, Inc. (A)	12,422	32,421

Montage Resources Corp. (A)	2,854	17,466	Washington H. Soul Pattinson & Company, Ltd. (B)	15,557	197,289
Murphy Oil Corp.	40,043	478,514	Whiting Petroleum Corp. (A)	13,297	9,307
NACCO Industries, Inc., Class A	481	12,641	Woodside Petroleum, Ltd.	121,160	1,827,998
Neste OYJ	55,134	2,246,650	World Fuel Services Corp.	25,699	654,811
Noble Energy, Inc.	98,285	858,028	WPX Energy, Inc. (A)	111,496	632,182
Nordic American Tankers, Ltd. (B)	17,458	79,783	Yanzhou Coal Mining Company, Ltd., H Shares	216,010	165,832
Northern Oil and Gas, Inc. (A)	39,172	30,527			239,475,385
Oasis Petroleum, Inc. (A)	44,137	20,330			253,312,561
Occidental Petroleum Corp. (B)	183,567	2,377,193	Financials – 13.8%		
Oil Search, Ltd.	249,895	581,010	Banks – 6.5%		
OMV AG	30,395	1,004,367	1st Constitution Bancorp	1,256	16,127
ONEOK, Inc.	84,887	3,114,504	1st Source Corp.	1,741	60,221
Origin Energy, Ltd.	227,951	896,057	ABN AMRO Bank NV (C)	69,009	549,086
Overseas Shipholding Group, Inc., Class A (A)	8,273	18,283	Absa Group, Ltd.	86,231	400,983
Ovintiv, Inc.	44,837	338,024	ACNB Corp.	1,043	25,908
Panhandle Oil and Gas, Inc., Class A	2,551	10,663	Agricultural Bank of China, Ltd., H Shares	3,747,400	1,520,813
Par Pacific Holdings, Inc. (A)	4,620	42,920	AIB Group PLC (A)	113,097	124,738
Parkland Corp.	25,825	726,255	Akbank T.A.S. (A)	181,562	151,956
PBF Energy, Inc., Class A	27,309	290,022	Allegiance Bancshares, Inc.	2,414	61,823
PDC Energy, Inc. (A)	12,798	155,880	Amalgamated Bank, Class A	1,871	21,011
Peabody Energy Corp.	8,820	27,783	Amerant Bancorp, Inc. (A)	2,522	32,887
Pembina Pipeline Corp.	93,769	2,342,778	American National Bankshares, Inc.	1,413	35,127
Penn Virginia Corp. (A)	1,871	16,427	Ameris Bancorp	7,767	188,194
PetroChina Company, Ltd., H Shares	2,689,239	927,768	Ames National Corp.	1,213	24,381
Petroleo Brasileiro SA	372,409	1,454,379	AMMB Holdings BHD	178,700	130,575
Petronas Dagangan BHD	29,700	160,581	Aozora Bank, Ltd.	18,670	346,728
Phillips 66	91,313	7,146,155	Arrow Financial Corp.	1,585	46,361
Pioneer Natural Resources Company	34,039	3,117,972	Associated Banc-Corp.	42,717	598,465
Polski Koncern Naftowy ORLEN SA	21,548	359,564	Atlantic Capital Bancshares, Inc. (A)	2,873	32,752
Polskie Gornictwo Naftowe i Gazownictwo SA	122,686	128,915	Atlantic Union Bankshares Corp.	10,117	234,209
PrairieSky Royalty, Ltd.	38,537	254,142	Australia & New Zealand Banking Group, Ltd.	367,163	4,369,795
PTT Exploration & Production PCL, NVDR	143,300	380,227	Banc of California, Inc.	5,795	63,455
PTT PCL, NVDR	1,173,300	1,312,975	BancFirst Corp.	2,369	90,306
QEP Resources, Inc.	32,077	27,381	Banco Bilbao Vizcaya Argentaria SA	966,401	2,976,375
Renewable Energy Group, Inc. (A)(B)	4,626	131,610	Banco Bradesco SA	133,676	445,896
Repsol SA	204,508	1,925,458	Banco de Chile	6,810,994	578,730
REX American Resources Corp. (A)	722	42,345	Banco de Credito e Inversiones SA	7,536	255,154
Ring Energy, Inc. (A)	8,910	10,603	Banco de Sabadell SA	823,755	252,368
Royal Dutch Shell PLC, A Shares	372,870	5,901,798	Banco do Brasil SA	87,094	503,341
Royal Dutch Shell PLC, B Shares	328,465	5,014,627	Banco Espirito Santo SA (A)	322,715	516
Santos, Ltd.	229,965	823,835	Banco Santander Brasil SA	41,326	197,480
Scorpio Tankers, Inc. (B)	5,599	99,326	Banco Santander Chile	9,470,756	385,740
SFL Corp., Ltd. (B)	10,098	100,172	Banco Santander SA	2,404,212	5,496,789
SK Innovation Company, Ltd.	10,992	1,058,542	Bancolombia SA	32,687	219,082
SM Energy Company (B)	14,492	51,012	BancorpSouth Bank	38,234	849,942
S-Oil Corp.	8,837	507,216	Bangkok Bank PCL, NVDR	51,200	176,138
Southwestern Energy Company (A)(B)	68,928	207,473	Bank Central Asia Tbk PT	971,730	1,729,083
Suncor Energy, Inc.	261,912	4,502,638	Bank First Corp.	729	45,453
Talos Energy, Inc. (A)	2,660	32,319	Bank Hapoalim BM	135,460	833,967
TC Energy Corp.	159,607	7,192,951	Bank Leumi Le-Israel BM	173,234	920,121
Teekay Corp. (A)	9,092	26,640	Bank Mandiri Persero Tbk PT	1,833,356	563,397
Teekay Tankers, Ltd., Class A (A)(B)	2,974	51,688			

Tellurian, Inc. (A)(B)	13,454	13,453	Bank Millennium SA (A)	39,008	24,422
Thai Oil PCL, NVDR	110,800	150,495	Bank Negara Indonesia Persero Tbk PT	779,953	205,294
The Williams Companies, Inc.	249,068	5,088,459	Bank of America Corp.	1,501,632	36,219,364
TOTAL SA	132,204	5,013,279	Bank of China, Ltd., H Shares	10,195,122	3,747,540
Tupras Turkiye Petrol Rafinerileri AS (A)	7,798	98,088	Bank of Commerce Holdings	2,414	18,419
Ultrapar Participacoes SA	72,202	231,640	Bank of Communications Company, Ltd., H Shares	1,092,976	665,938
United Tractors Tbk PT	166,437	179,142	Bank of Hawaii Corp.	10,797	694,571
Uranium Energy Corp. (A)	24,107	25,312			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Bank of Ireland Group PLC (A)	141,792	\$ 253,244
Bank of Marin Bancorp	1,695	57,037
Bank of Montreal	109,871	5,419,936
Bank of the Philippine Islands	126,687	166,296
Bank OZK (B)	32,407	728,833
Bank Polska Kasa Opieki SA	12,572	164,074
Bank Rakyat Indonesia Persero Tbk PT	5,441,610	1,101,843
Bank Tabungan Negara Persero Tbk PT	433,800	22,660
BankFinancial Corp.	2,021	18,351
Bankia SA	181,468	159,787
Bankinter SA	96,053	408,065
Bankwell Financial Group, Inc.	968	14,172
Banner Corp.	4,440	166,766
Bar Harbor Bankshares	1,996	39,361
Barclays PLC	1,524,279	2,179,029
Baycom Corp. (A)	1,510	19,902
BCB Bancorp, Inc.	1,979	18,979
BDO Unibank, Inc.	267,790	532,171
Bendigo & Adelaide Bank, Ltd.	68,407	280,966
Berkshire Hills Bancorp, Inc.	5,799	62,745
BNK Financial Group, Inc.	59,724	245,859
BNP Paribas SA (A)	63,032	2,268,233
BOC Hong Kong Holdings, Ltd.	450,500	1,268,884
Boston Private Financial Holdings, Inc.	10,546	72,451
Bridge Bancorp, Inc.	2,103	44,794
Brookline Bancorp, Inc.	9,956	92,591
Bryn Mawr Bank Corp.	2,532	70,314
Business First Bancshares, Inc.	1,729	25,053
Byline Bancorp, Inc.	3,126	37,981
C&F Financial Corp.	465	16,759

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Civista Bancshares, Inc.	2,009	\$ 30,617
CNB Financial Corp.	1,907	33,792
Coastal Financial Corp. (A)	1,099	13,957
Codorus Valley Bancorp, Inc.	1,320	17,490
Colony Bancorp, Inc.	1,099	13,979
Columbia Banking System, Inc. (B)	9,083	221,262
Comerica, Inc.	26,737	971,890
Commerce Bancshares, Inc.	27,803	1,771,885
Commerzbank AG (A)	141,638	549,122
Commonwealth Bank of Australia	230,451	9,785,880
Community Bank System, Inc.	6,349	377,258
Community Bankers Trust Corp.	3,075	17,312
Community Trust Bancorp, Inc.	1,881	61,772
Concordia Financial Group, Ltd.	167,400	548,823
ConnectOne Bancorp, Inc.	4,356	63,859
Credicorp, Ltd. (B)	10,700	1,474,674
Credit Agricole SA (A)	66,136	580,619
CrossFirst Bankshares, Inc. (A)	6,172	60,054
CTBC Financial Holding Company, Ltd.	2,285,090	1,523,086
Cullen/Frost Bankers, Inc. (B)	15,263	1,159,530
Customers Bancorp, Inc. (A)	3,685	40,867
CVB Financial Corp.	16,691	325,641
Danske Bank A/S (A)	106,661	1,323,187
DBS Group Holdings, Ltd.	80,972	1,120,206
Dime Community Bancshares, Inc.	3,952	57,027
DNB ASA	60,821	830,075
E.Sun Financial Holding Company, Ltd.	1,284,646	1,144,002
Eagle Bancorp, Inc.	4,118	133,258
East West Bancorp, Inc.	39,039	1,364,413

Cadence Bancorp	15,993	129,064	Enterprise Bancorp, Inc.	1,175	27,072
CaixaBank SA	513,812	955,814	Enterprise Financial Services Corp.	3,059	89,843
Cambridge Bancorp	628	36,424	Equity Bancshares, Inc., Class A (A)	1,999	32,604
Camden National Corp.	1,882	63,122	Erste Group Bank AG	62,750	1,387,960
Canadian Imperial Bank of Commerce	77,030	4,939,520	Esquire Financial Holdings, Inc. (A)	940	16,102
Capital Bancorp, Inc. (A)	1,128	12,837	Evans Bancorp, Inc.	676	16,521
Capital City Bank Group, Inc.	1,721	35,022	Farmers & Merchants Bancorp, Inc.	1,123	24,403
Capitec Bank Holdings, Ltd.	5,505	267,019	Farmers National Banc Corp.	3,217	37,800
Capstar Financial Holdings, Inc.	2,094	24,123	FB Financial Corp. (B)	2,195	51,824
Carter Bank & Trust	3,104	21,914	Fidelity D&D Bancorp, Inc.	366	13,904
Cathay General Bancorp	29,906	813,144	Fifth Third Bancorp	131,636	2,552,422
CBTX, Inc.	2,401	49,028	Financial Institutions, Inc.	1,988	35,168
CenterState Bank Corp.	15,238	240,760	FinecoBank Banca Fineco SpA (A)	61,067	715,299
Central Pacific Financial Corp.	3,551	57,207	First Bancorp (North Carolina)	3,697	93,978
Central Valley Community Bancorp	1,514	22,801	First Bancorp (Puerto Rico)	27,276	149,200
Century Bancorp, Inc., Class A	372	28,049	First Bank	2,415	18,040
Chang Hwa Commercial Bank, Ltd.	681,746	428,137	First Busey Corp.	6,434	115,233
Chemung Financial Corp.	506	12,812	First Business Financial Services, Inc.	1,141	18,884
China CITIC Bank Corp., H Shares	1,126,400	492,242	First Capital, Inc.	405	24,887
China Construction Bank Corp., H Shares	12,352,296	9,742,173	First Choice Bancorp	1,371	19,263
China Everbright Bank Company, Ltd., H Shares	410,595	167,200	First Commonwealth Financial Corp.	12,185	99,673
China Merchants Bank Company, Ltd., H Shares	498,174	2,347,426	First Community Bankshares, Inc.	2,261	48,318
China Minsheng Banking Corp., Ltd., H Shares	880,200	614,563	First Financial Bancorp	12,349	164,118
Chongqing Rural Commercial Bank Company, Ltd., H Shares	326,800	125,923	First Financial Bankshares, Inc. (B)	52,726	1,615,525
CIMB Group Holdings BHD	514,200	446,725	First Financial Corp.	1,611	56,546
CIT Group, Inc.	25,394	460,647	First Financial Holding Company, Ltd.	1,207,439	920,793
Citigroup, Inc.	404,955	19,401,394	First Financial Northwest, Inc.	1,245	12,164
Citizens & Northern Corp.	1,593	30,554	First Foundation, Inc.	4,926	73,397
Citizens Financial Group, Inc.	80,633	1,943,255	First Horizon National Corp. (B)	83,422	779,996
City Holding Company	1,930	121,397	First Internet Bancorp	1,288	20,711
			First Interstate BancSystem, Inc., Class A	4,727	147,719
			First Merchants Corp.	6,766	189,854
			First Mid Bancshares, Inc.	1,846	46,981
			First Midwest Bancorp, Inc.	13,458	175,627
			First Northwest Bancorp	1,303	17,669

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
First Republic Bank	31,259	\$ 3,381,286
Flushing Financial Corp.	3,529	40,019
FNB Corp.	87,107	645,463

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Level One Bancorp, Inc.	782	\$ 14,709
Live Oak Bancshares, Inc. (B)	3,437	46,537
Lloyds Banking Group PLC	6,235,931	2,299,830

FNCB Bancorp, Inc.	2,310	12,844	M&T Bank Corp.	24,477	2,586,240
Franklin Financial Network, Inc.	1,682	41,478	Macatawa Bank Corp.	3,440	25,422
Franklin Financial Services Corp.	596	14,900	Mackinac Financial Corp.	1,342	14,104
Fukuoka Financial Group, Inc.	27,400	445,881	MainStreet Bancshares, Inc. (A)	1,052	13,960
Fulton Financial Corp.	64,183	719,491	Malayan Banking BHD	402,433	695,260
FVCBankcorp, Inc. (A)	1,737	19,333	Malvern Bancorp, Inc. (A)	1,166	13,852
German American Bancorp, Inc.	3,059	94,768	mBank SA (A)	1,149	61,373
Glacier Bancorp, Inc.	10,887	448,436	Mebuki Financial Group, Inc.	138,500	314,839
Great Southern Bancorp, Inc.	1,382	56,054	Mediobanca Banca di Credito Finanziario SpA (B)	63,604	418,409
Great Western Bancorp, Inc.	7,124	101,446	Mega Financial Holding Company, Ltd.	1,331,275	1,367,730
Grupo Financiero Banorte SAB de CV, Series O	343,750	1,047,163	Mercantile Bank Corp.	2,060	47,256
Grupo Financiero Inbursa SAB de CV, Series O (A)	300,800	205,647	Metrocity Bankshares, Inc.	2,100	24,276
Guaranty Bancshares, Inc.	1,026	26,081	Metropolitan Bank & Trust Company	249,964	174,195
Hana Financial Group, Inc.	60,305	1,457,071	Metropolitan Bank Holding Corp. (A)	953	26,684
Hancock Whitney Corp.	34,373	743,144	Mid Penn Bancorp, Inc.	923	17,223
Hang Seng Bank, Ltd.	91,895	1,411,367	Midland States Bancorp, Inc.	2,854	42,724
Hanmi Financial Corp.	3,974	35,885	MidWestOne Financial Group, Inc.	1,535	29,457
HarborOne Bancorp, Inc. (A)	3,595	28,652	Mitsubishi UFJ Financial Group, Inc.	1,908,100	7,920,778
Hawthorn Bancshares, Inc.	793	15,622	Mizrahi Tefahot Bank, Ltd.	17,632	345,153
HBT Financial, Inc.	1,205	15,328	Mizuho Financial Group, Inc.	3,745,900	4,675,414
Heartland Financial USA, Inc.	4,408	141,100	Moneta Money Bank AS (C)	71,159	158,253
Heritage Commerce Corp.	6,985	56,788	MVB Financial Corp.	1,306	18,545
Heritage Financial Corp.	4,629	87,951	National Australia Bank, Ltd.	375,288	4,425,191
Hilltop Holdings, Inc.	8,797	164,416	National Bank Holdings Corp., Class A	3,706	97,468
Home BancShares, Inc.	61,189	885,405	National Bank of Canada (B)	57,946	2,523,472
HomeTrust Bancshares, Inc.	2,092	32,259	National Bankshares, Inc.	847	26,088
Hong Leong Bank BHD	69,500	217,740	NBT Bancorp, Inc.	5,310	166,309
Hong Leong Financial Group BHD	25,500	78,761	Nedbank Group, Ltd.	47,438	268,501
Hope Bancorp, Inc.	15,269	144,979	Nicolet Bankshares, Inc. (A)	1,157	64,688
Horizon Bancorp, Inc.	4,782	49,063	Nordea Bank ABP	471,257	3,209,655
Howard Bancorp, Inc. (A)	1,852	19,094	Northeast Bank	1,129	19,374
HSBC Holdings PLC	1,799,614	8,287,805	Northrim BanCorp, Inc.	859	19,817
Hua Nan Financial Holdings Company, Ltd.	944,108	613,405	Norwood Financial Corp.	785	19,225
Huntington Bancshares, Inc.	191,567	1,703,031	OceanFirst Financial Corp.	6,944	115,965
IBERIABANK Corp.	6,630	281,178	OFG Bancorp	6,444	78,295
Independent Bank Corp. (Massachusetts)	4,161	289,065	Old National Bancorp	21,173	287,741
Independent Bank Corp. (Michigan)	2,780	38,420	Old Second Bancorp, Inc.	4,000	30,800
Independent Bank Group, Inc.	4,528	171,521	Opus Bank	2,796	54,494
Industrial & Commercial Bank of China, Ltd., H Shares	8,320,623	5,389,416	Origin Bancorp, Inc.	2,554	53,276
Industrial Bank of Korea	54,901	368,746	Orrstown Financial Services, Inc.	1,445	19,479
ING Groep NV	640,612	4,165,005	OTP Bank NYRT (A)(B)	38,002	1,277,431
International Bancshares Corp.	22,387	689,072	Oversea-Chinese Banking Corp., Ltd.	156,178	948,242
Intesa Sanpaolo SpA (A)	1,503,555	2,616,290	Pacific Mercantile Bancorp (A)	3,058	11,620
Investar Holding Corp.	1,331	17,370	Pacific Premier Bancorp, Inc. (B)	7,342	158,734
Investors Bancorp, Inc.	28,508	247,449	PacWest Bancorp	32,125	556,084
Israel Discount Bank, Ltd., Class A	145,054	460,560	Park National Corp.	1,629	121,963
Itau CorpBanca Chile SA	20,146,516	46,817	Parke Bancorp, Inc.	1,337	18,611
Japan Post Bank Company, Ltd. (B)	59,200	489,905	PCB Bancorp	1,781	16,065
JPMorgan Chase & Co.	581,779	56,612,914	Peapack-Gladstone Financial Corp.	2,421	45,587
Kasikombank PCL, NVDR (B)	187,400	568,241	Penns Woods Bancorp, Inc.	920	19,743
			Peoples Bancorp of North Carolina, Inc.	694	12,145

KB Financial Group, Inc.	79,318	2,164,675	Peoples Bancorp, Inc.	2,260	50,782
KBC Group NV	13,904	729,504	Peoples Financial Services Corp.	885	29,249
KeyCorp	182,694	2,164,924	People's United Financial, Inc.	82,378	943,228
Komercni banka AS (A)	10,382	222,472	People's Utah Bancorp	2,020	50,035
Krung Thai Bank PCL, NVDR	377,300	123,723	Pinnacle Financial Partners, Inc.	19,294	768,866
Lakeland Bancorp, Inc.	6,201	68,831	Postal Savings Bank of China Company, Ltd., H Shares (C)	1,027,300	657,981
Lakeland Financial Corp.	3,048	130,119	Powszechna Kasa Oszczednosci Bank Polski SA	63,183	349,557
LCNB Corp.	1,599	23,777	Preferred Bank	1,721	64,658

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
Premier Financial Bancorp, Inc.	1,719	\$ 22,794
Prosperity Bancshares, Inc.	25,308	1,654,890
Public Bank BHD	322,962	1,090,457
QCR Holdings, Inc.	1,869	56,762
Raiffeisen Bank International AG	30,263	554,497
RBB Bancorp	2,203	28,264
Red River Bancshares, Inc.	640	25,760
Regions Financial Corp.	178,925	2,023,642
Reliant Bancorp, Inc.	1,453	20,342
Renasant Corp.	7,036	169,708
Republic Bancorp, Inc., Class A	1,212	38,845
Republic First Bancorp, Inc. (A)	6,657	15,777
Resona Holdings, Inc.	329,400	1,191,263
RHB Bank BHD	161,341	177,241
Richmond Mutual Bancorporation, Inc. (A)	1,874	20,839
Royal Bank of Canada	245,930	15,955,933
S&T Bancorp, Inc.	4,740	105,418
Sandy Spring Bancorp, Inc.	4,319	104,736
Santander Bank Polska SA (A)	2,457	99,890
SB One Bancorp	1,128	19,165
Seacoast Banking Corp. of Florida (A)	6,390	138,983
Security Bank Corp.	27,220	44,104
Select Bancorp, Inc. (A)	2,414	18,105
ServisFirst Bancshares, Inc.	5,954	207,676
Seven Bank, Ltd.	90,500	258,656
Shinhan Financial Group Company, Ltd.	91,074	2,226,016
Shinsei Bank, Ltd.	30,800	393,944

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Banks (continued)		
The Bank of Kyoto, Ltd.	8,300	\$ 299,277
The Bank of Nova Scotia	208,662	8,361,029
The Bank of NT Butterfield & Son, Ltd.	6,678	163,144
The Bank of Princeton	839	17,325
The Chiba Bank, Ltd.	87,100	415,775
The Community Financial Corp.	704	16,685
The First Bancorp, Inc.	1,316	27,123
The First Bancshares, Inc.	2,406	50,983
The First of Long Island Corp.	2,939	44,879
The PNC Financial Services Group, Inc.	81,275	9,268,601
The Royal Bank of Scotland Group PLC	441,412	603,795
The Shanghai Commercial & Savings Bank, Ltd.	409,000	584,807
The Shizuoka Bank, Ltd.	70,500	450,152
The Siam Commercial Bank PCL, NVDR	90,000	210,230
The Toronto-Dominion Bank	308,814	13,228,638
TMB Bank PCL, NVDR	2,464,700	89,490
Tompkins Financial Corp.	1,783	114,736
Towne Bank	8,387	158,179
TriCo Bancshares	3,329	94,444
TriState Capital Holdings, Inc. (A)	3,524	52,684
Triumph Bancorp, Inc. (A)	2,896	71,097
Truist Financial Corp.	248,755	9,149,209
Trustmark Corp.	25,303	601,958
Turkiye Garanti Bankasi AS (A)	151,071	173,250
Turkiye Is Bankasi AS, Class C (A)	120,291	87,600

Shore Bancshares, Inc.	1,767	17,670	U.S. Bancorp	263,633	9,374,789
Sierra Bancorp	1,844	34,741	UMB Financial Corp.	17,170	880,478
Signature Bank	14,473	1,489,416	Umpqua Holdings Corp.	59,037	672,431
Simmons First National Corp., Class A (B)	12,008	205,937	UniCredit SpA (A)	202,812	1,736,103
SinoPac Financial Holdings Company, Ltd.	1,312,772	517,515	United Bankshares, Inc.	49,669	1,444,375
Skandinaviska Enskilda Banken AB, A Shares (A)	236,888	2,061,413	United Community Banks, Inc.	9,928	194,092
SmartFinancial, Inc.	1,733	26,688	United Overseas Bank, Ltd.	58,157	805,502
Societe Generale SA (A)	46,723	691,166	United Security Bancshares	2,023	12,401
South State Corp.	4,212	221,425	Unity Bancorp, Inc.	1,095	15,669
Southern First Bancshares, Inc. (A)	939	27,287	Univest Financial Corp.	3,669	60,318
Southern National Bancorp of Virginia, Inc.	2,641	26,568	Valley National Bancorp	153,958	1,228,585
Southside Bancshares, Inc.	3,944	111,221	Veritex Holdings, Inc.	6,302	110,411
Spirit of Texas Bancshares, Inc. (A)	1,930	23,237	Washington Trust Bancorp, Inc.	1,903	60,839
Standard Bank Group, Ltd.	159,409	927,859	Webster Financial Corp.	24,672	698,218
Standard Chartered PLC	239,809	1,094,012	Wells Fargo & Company	713,890	18,896,668
Sterling Bancorp	54,165	666,230	WesBanco, Inc.	8,202	175,687
Stock Yards Bancorp, Inc.	2,494	84,871	West Bancorporation, Inc.	2,018	35,598
Sumitomo Mitsui Financial Group, Inc.	202,179	5,867,700	Westamerica Bancorporation	3,227	190,328
Sumitomo Mitsui Trust Holdings, Inc.	49,338	1,459,662	Westpac Banking Corp.	462,305	5,273,007
Summit Financial Group, Inc.	1,405	23,604	Wintrust Financial Corp.	15,300	648,108
SVB Financial Group (A)	9,565	2,054,084	Woori Financial Group, Inc.	107,121	790,465
Svenska Handelsbanken AB, A Shares (A)	225,249	2,127,706	Zions Bancorp NA	31,616	1,040,324
Swedbank AB, A Shares (A)	130,607	1,640,256			443,890,451
Synovus Financial Corp.	39,286	753,898	Capital markets – 2.5%		
Taishin Financial Holding Company, Ltd.	1,147,296	498,105	3i Group PLC	89,241	913,244
Taiwan Business Bank	625,307	221,163	Affiliated Managers Group, Inc.	13,209	879,984
Taiwan Cooperative Financial Holding Company, Ltd.	1,082,569	737,558	Ameriprise Financial, Inc.	17,274	2,419,569
TCF Financial Corp.	41,125	1,189,335	Amundi SA (A)(C)	3,633	271,349
Texas Capital Bancshares, Inc. (A)	13,490	360,992	Ares Management Corp., Class A	9,019	340,557
The Bancorp, Inc. (A)	6,436	56,637	Artisan Partners Asset Management, Inc., Class A	6,296	182,395
The Bank of East Asia, Ltd.	156,693	284,022	Assetmark Financial Holdings, Inc. (A)	1,787	47,713
			Associated Capital Group, Inc., Class A	272	11,176
			ASX, Ltd.	25,346	1,493,844
			B. Riley Financial, Inc.	2,581	49,633
			B3 SA - Brasil Bolsa Balcao	209,076	1,784,647
			Banco BTG Pactual SA	25,900	237,047
			BlackRock, Inc.	20,785	10,987,782

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		

Capital markets (continued)

Blucora, Inc. (A)	6,269	\$ 76,168
Brightsphere Investment Group, Inc.	8,338	69,622
Brookfield Asset Management, Inc., Class A (B)	229,959	7,220,197
Cboe Global Markets, Inc.	15,116	1,609,249
China Cinda Asset Management Company, Ltd., H Shares	1,211,100	225,599
China Everbright, Ltd.	126,984	179,539
China Galaxy Securities Company, Ltd., H Shares	482,100	233,674
China Huarong Asset Management Company, Ltd., H Shares (C)	1,354,200	139,300
China International Capital Corp., Ltd., H Shares (A)(C)	175,000	285,544
CI Financial Corp.	41,095	487,105
CITIC Securities Company, Ltd., H Shares	267,100	485,096
CME Group, Inc.	48,860	8,921,836
Cohen & Steers, Inc.	2,868	182,261
Cowen, Inc., Class A	3,652	47,732
Credit Suisse Group AG	326,487	3,000,573
Daiwa Securities Group, Inc.	240,118	1,000,436
Deutsche Bank AG (A)	285,784	2,392,334
Deutsche Boerse AG	27,593	4,543,236
Diamond Hill Investment Group, Inc.	404	42,404
Donnelley Financial Solutions, Inc. (A)	4,093	33,358
E*TRADE Financial Corp.	30,802	1,402,723
Eaton Vance Corp.	30,332	1,093,469
Ellington Financial, Inc.	5,074	51,755
Evercore, Inc., Class A	10,478	577,443
FactSet Research Systems, Inc.	10,172	3,127,992
Federated Hermes, Inc.	37,952	840,257
Focus Financial Partners, Inc., Class A (A)(B)	3,923	109,216
Franklin Resources, Inc.	38,028	717,588
GAIN Capital Holdings, Inc.	2,437	15,304
GF Securities Company, Ltd., H Shares	185,200	190,493
Greenhill & Company, Inc.	2,082	20,758
Guotai Junan Securities Company, Ltd., H Shares (C)	115,300	152,693
Haitong Securities Company, Ltd., H Shares	374,700	286,456
Hamilton Lane, Inc., Class A	2,773	202,900
Hargreaves Lansdown PLC	30,300	690,437
Hong Kong Exchanges & Clearing, Ltd.	145,977	5,137,424
Houlihan Lokey, Inc.	5,284	319,576
Huatai Securities Company, Ltd., H Shares (C)	216,700	342,044
IGM Financial, Inc.	17,188	408,213
Interactive Brokers Group, Inc., Class A	20,575	871,351
Intercontinental Exchange, Inc.	75,923	7,383,512
INTL. FCStone, Inc. (A)	2,028	103,448
Invesco, Ltd.	50,744	404,430

Capital markets (continued)

Mirae Asset Daewoo Company, Ltd.	85,618	\$ 429,199
Moelis & Company, Class A (B)	6,000	201,780
Moody's Corp.	22,138	5,919,923
Morgan Stanley	158,788	7,018,430
MSCI, Inc.	11,549	3,797,889
Nasdaq, Inc.	15,644	1,853,188
Natixis SA (A)	56,914	127,625
NH Investment & Securities Company, Ltd.	32,331	255,453
Noah Holdings, Ltd., ADR (A)(B)	4,700	124,691
Nomura Holdings, Inc.	522,800	2,253,177
Northern Trust Corp.	28,889	2,282,520
Oppenheimer Holdings, Inc., Class A	1,242	26,306
Partners Group Holding AG	2,360	1,966,055
Piper Sandler Companies	1,681	100,255
PJT Partners, Inc., Class A	2,858	156,304
Pzena Investment Management, Inc., Class A	2,550	10,404
Raymond James Financial, Inc.	16,833	1,166,190
Reinet Investments SCA	18,607	292,206
S&P Global, Inc.	33,322	10,830,316
Safeguard Scientifics, Inc.	2,771	17,540
Samsung Securities Company, Ltd.	13,967	317,074
SBI Holdings, Inc.	37,464	806,334
Schroders PLC	12,094	445,011
Sculptor Capital Management, Inc.	2,156	27,036
SEI Investments Company	33,836	1,834,588
Silvercrest Asset Management Group, Inc., Class A	1,234	13,907
Singapore Exchange, Ltd.	36,900	216,792
St. James's Place PLC	52,202	595,435
Standard Life Aberdeen PLC	223,070	716,390
State Street Corp.	49,578	3,022,275
Stifel Financial Corp.	26,740	1,275,765
T. Rowe Price Group, Inc.	31,861	3,851,995
The Bank of New York Mellon Corp.	114,420	4,252,991
The Charles Schwab Corp.	155,879	5,597,615
The Goldman Sachs Group, Inc.	43,449	8,537,294
UBS Group AG	486,967	5,213,282
Virtus Investment Partners, Inc.	829	77,080
Waddell & Reed Financial, Inc., Class A (B)	8,540	111,362
Westwood Holdings Group, Inc.	1,087	19,273
WisdomTree Investments, Inc.	17,498	52,319
		<hr/> 165,978,173
Consumer finance – 0.3%		
Acom Company, Ltd.	61,500	251,262
AEON Financial Service Company, Ltd.	17,100	192,966
American Express Company	91,485	8,697,479
Capital One Financial Corp.	63,498	4,320,404
Credit Saison Company, Ltd.	24,900	297,667
Curo Group Holdings Corp.	2,090	13,982
Discover Financial Services	42,739	2,030,530

Investec, Ltd.	52,112	91,660	Encore Capital Group, Inc. (A)	3,915	124,380
Janus Henderson Group PLC	41,717	899,419	Enova International, Inc. (A)	4,131	58,454
Japan Exchange Group, Inc.	79,598	1,717,321	EZCORP, Inc., Class A (A)	6,625	34,185
Julius Baer Group, Ltd.	28,442	1,224,087	FirstCash, Inc.	16,675	1,163,415
Korea Investment Holdings Company, Ltd.	9,002	385,650	Green Dot Corp., Class A (A)	6,137	234,311
Legg Mason, Inc.	21,874	1,089,981	Isracard, Ltd.	6,535	17,865
London Stock Exchange Group PLC	28,000	2,792,800	LendingClub Corp. (A)(B)	8,794	47,048
Macquarie Group, Ltd.	44,068	3,241,214	LendingTree, Inc. (A)(B)	2,056	534,601
Magellan Financial Group, Ltd.	17,134	670,024	Muangthai Capital PCL, NVDR	64,000	112,617
MarketAxess Holdings, Inc.	5,171	2,629,919	Navient Corp.	45,609	339,331
Meritz Securities Company, Ltd.	67,209	179,144	Nelnet, Inc., Class A	2,275	112,135
			PRA Group, Inc. (A)(B)	5,721	195,201

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Consumer finance (continued)		
Regional Management Corp. (A)	1,144	\$ 18,144
Samsung Card Company, Ltd.	5,664	135,462
SLM Corp.	113,175	857,867
Srisawad Corp. PCL, NVDR (A)	75,700	136,059
Synchrony Financial	76,952	1,567,512
World Acceptance Corp. (A)	709	47,149
		21,540,026
Diversified financial services – 1.0%		
AMP, Ltd. (A)	441,166	481,076
Banco Latinoamericano de Comercio Exterior SA, Class E (B)	3,881	45,796
Berkshire Hathaway, Inc., Class B (A)	266,695	49,493,258
Cannae Holdings, Inc. (A)	9,336	343,845
Chailease Holding Company, Ltd.	147,784	576,025
Challenger, Ltd.	75,104	251,652
Eurazeo SE (A)	2,112	102,980
EXOR NV	11,359	612,799
Far East Horizon, Ltd.	279,300	248,485
FGL Holdings (B)	18,295	152,580
FirstRand, Ltd.	420,020	964,569
Groupe Bruxelles Lambert SA	4,602	373,508
Grupo de Inversiones Suramericana SA	36,460	177,901
Haci Omer Sabanci Holding AS	62,378	75,844
Industrivarden AB, C Shares (A)	25,026	560,899
Investor AB, B Shares	67,317	3,612,861
Jefferies Financial Group, Inc.	64,125	939,431

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Insurance (continued)		
BB Seguridade Participacoes SA	73,908	\$ 350,129
Benefytt Technologies, Inc. (A)	1,235	24,243
Brighthouse Financial, Inc. (A)	29,292	870,265
Brown & Brown, Inc.	62,691	2,520,178
BRP Group, Inc., Class A (A)	2,371	29,400
Cathay Financial Holding Company, Ltd.	983,890	1,314,713
China Development Financial Holding Corp.	1,696,000	514,988
China Life Insurance Company, Ltd.	394,703	273,380
China Life Insurance Company, Ltd., H Shares	987,076	1,870,432
China Pacific Insurance Group Company, Ltd., H Shares	355,979	989,445
China Reinsurance Group Corp., H Shares	819,300	86,182
China Taiping Insurance Holdings Company, Ltd.	238,400	356,644
Chubb, Ltd.	87,754	10,700,723
Cincinnati Financial Corp.	29,418	1,734,191
Citizens, Inc. (A)(B)	6,439	39,149
CNO Financial Group, Inc.	59,238	850,065
CNP Assurances (A)	19,945	211,011
Crawford & Company, Class A	2,268	13,653
Dai-ichi Life Holdings, Inc.	172,400	2,261,660
DB Insurance Company, Ltd.	10,825	380,624
Direct Line Insurance Group PLC	137,654	450,908
Discovery, Ltd.	54,079	304,168

Kinnevik AB, B Shares	36,070	914,464	Donegal Group, Inc., Class A	1,290	18,383
L E Lundbergforetagen AB, B Shares (A)	11,399	568,718	eHealth, Inc. (A)(B)	2,880	375,610
M&G PLC	231,388	402,710	Employers Holdings, Inc.	3,983	119,052
Metro Pacific Investments Corp.	1,982,900	113,599	Enstar Group, Ltd. (A)	1,450	206,480
Mitsubishi UFJ Lease & Finance Company, Ltd.	63,200	309,906	Everest Re Group, Ltd.	7,897	1,566,844
NewStar Financial, Inc. (A)(D)	5,608	1,354	Fairfax Financial Holdings, Ltd.	4,747	1,318,651
Onex Corp.	15,342	719,938	FBL Financial Group, Inc., Class A	1,225	43,745
ORIX Corp.	209,300	2,769,766	FedNat Holding Company	1,546	18,846
Pargesa Holding SA, Bearer Shares	4,616	350,561	First American Financial Corp.	30,115	1,520,506
PSG Group, Ltd.	17,983	165,639	Fubon Financial Holding Company, Ltd.	836,659	1,183,971
Remgro, Ltd.	64,183	507,265	Genworth Financial, Inc., Class A (A)	198,985	606,904
RMB Holdings, Ltd.	91,749	279,455	Gjensidige Forsikring ASA (A)	13,799	251,568
Tokyo Century Corp.	6,700	293,175	Global Indemnity, Ltd.	1,057	25,643
Wendel SE	1,373	126,723	Globe Life, Inc.	19,290	1,485,716
Yuanta Financial Holding Company, Ltd.	1,234,187	669,721	Goosehead Insurance, Inc., Class A (A)(B)	1,439	86,268
		67,206,503	Great-West Lifeco, Inc. (B)	56,796	924,840
Insurance – 3.4%			Greenlight Capital Re, Ltd., Class A (A)	4,080	29,539
Admiral Group PLC	17,877	516,368	Hannover Rueck SE	9,297	1,501,446
Aegon NV	309,957	831,832	Hanwha Life Insurance Company, Ltd.	19,772	24,468
Aflac, Inc.	142,129	5,183,445	HCI Group, Inc.	762	34,176
Ageas SA/NV	12,123	413,809	Heritage Insurance Holdings, Inc.	3,328	41,733
AIA Group, Ltd. (B)	1,473,509	12,091,288	Horace Mann Educators Corp.	5,207	190,160
Alleghany Corp.	3,858	1,979,540	Hyundai Marine & Fire Insurance Company, Ltd.	13,075	256,776
Allianz SE	61,340	11,117,026	iA Financial Corp., Inc.	21,730	693,952
Ambac Financial Group, Inc. (A)	5,794	77,755	Independence Holding Company	666	19,347
American Equity Investment Life Holding Company	11,392	247,092	Insurance Australia Group, Ltd.	306,870	1,253,089
American Financial Group, Inc.	20,065	1,208,716	Intact Financial Corp.	24,317	2,321,405
American International Group, Inc.	168,450	5,063,607	Investors Title Company	175	22,068
AMERISAFE, Inc.	2,376	145,839	IRB Brasil Resseguros SA	76,100	118,365
Aon PLC, Class A	45,336	8,928,925	James River Group Holdings, Ltd.	3,729	144,200
Argo Group International Holdings, Ltd.	4,168	127,916	Japan Post Holdings Company, Ltd.	251,600	1,835,328
Arthur J. Gallagher & Company	36,116	3,405,016	Japan Post Insurance Company, Ltd.	37,300	475,339
Assicurazioni Generali SpA	122,847	1,712,623	Kemper Corp.	16,795	1,064,803
Assurant, Inc.	11,740	1,204,289	Kinsale Capital Group, Inc.	2,569	383,603
Aviva PLC	519,229	1,601,578	Legal & General Group PLC	570,067	1,407,456
AXA SA	117,011	2,147,024	Liberty Holdings, Ltd.	22,881	81,351
Baloise Holding AG	6,586	942,426			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

Shares or Principal Amount	Value
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Strategic Equity Allocation Fund (continued)

Shares or Principal Amount	Value
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COMMON STOCKS (continued)		
Insurance (continued)		
Lincoln National Corp.	38,403	\$ 1,456,626
Loews Corp.	49,530	1,646,377
Mapfre SA	181,524	320,096
Marsh & McLennan Companies, Inc.	97,719	10,350,396
MBIA, Inc. (A)(B)	9,747	69,009
Medibank Pvt., Ltd.	370,289	703,188
Mercury General Corp.	7,271	292,512
MetLife, Inc.	151,358	5,450,402
Momentum Metropolitan Holdings	130,920	128,550
MS&AD Insurance Group Holdings, Inc.	77,468	2,281,809
Muenchener Rueckversicherungs-Gesellschaft AG	21,371	4,873,423
National General Holdings Corp.	8,563	173,829
National Western Life Group, Inc., Class A	292	57,212
New China Life Insurance Company, Ltd., H Shares	117,600	369,194
NI Holdings, Inc. (A)	1,291	19,352
NN Group NV	53,181	1,632,394
Old Mutual, Ltd.	623,295	399,950
Old Republic International Corp.	76,499	1,192,619
Palomar Holdings, Inc. (A)	2,279	169,603
PICC Property & Casualty Company, Ltd., H Shares	935,848	818,797
Ping An Insurance Group Company of China, Ltd., H Shares	719,110	7,116,398
Porto Seguro SA	10,023	88,842
Poste Italiane SpA (C)	54,857	485,361
Power Corp. of Canada	102,717	1,671,851
Powszechny Zaklad Ubezpieczen SA	47,928	357,108
Primerica, Inc.	11,088	1,260,040
Principal Financial Group, Inc.	50,003	1,931,116
ProAssurance Corp.	6,799	93,826
ProSight Global, Inc. (A)	1,202	10,650
Protective Insurance Corp., Class B	1,245	17,206
Prudential Financial, Inc.	77,839	4,745,065
Prudential PLC	235,978	3,060,469
QBE Insurance Group, Ltd.	198,778	1,171,202
Rand Merchant Investment Holdings, Ltd.	111,505	173,424
Reinsurance Group of America, Inc.	16,785	1,523,239
RenaissanceRe Holdings, Ltd.	11,839	1,987,295
RLI Corp.	15,734	1,242,357
RSA Insurance Group PLC	108,590	531,801
Safety Insurance Group, Inc.	1,855	141,425
Sampo OYJ, A Shares	59,902	2,152,309
Samsung Fire & Marine Insurance Company, Ltd.	6,281	928,134
Samsung Life Insurance Company, Ltd.	15,339	568,751
Sanlam, Ltd.	235,707	761,335
SCOR SE (A)	9,425	236,356
Selective Insurance Group, Inc.	23,318	1,223,029

COMMON STOCKS (continued)		
Insurance (continued)		
The Hanover Insurance Group, Inc.	10,560	\$ 1,059,696
The Hartford Financial Services Group, Inc.	69,786	2,672,106
The People's Insurance Company Group of China, Ltd., H Shares	1,137,900	344,215
The Progressive Corp.	113,202	8,793,531
The Travelers Companies, Inc.	49,978	5,346,646
Third Point Reinsurance, Ltd. (A)	9,509	70,176
Tiptree, Inc.	3,248	19,813
Tokio Marine Holdings, Inc.	100,814	4,374,298
Trupanion, Inc. (A)	3,667	110,450
Tryg A/S	19,881	558,540
United Fire Group, Inc.	2,709	72,682
United Insurance Holdings Corp.	2,830	22,187
Universal Insurance Holdings, Inc.	3,757	67,100
Unum Group	39,939	605,076
W.R. Berkley Corp.	28,094	1,628,047
Watford Holdings, Ltd. (A)	2,372	35,034
Willis Towers Watson PLC	24,896	5,051,398
ZhongAn Online P&C Insurance Company, Ltd., H Shares (A)(B)(C)	40,900	146,226
Zurich Insurance Group AG	19,272	6,236,450
		229,058,782
Mortgage real estate investment trusts – 0.0%		
AG Mortgage Investment Trust, Inc.	4,407	10,841
Anworth Mortgage Asset Corp.	13,036	19,033
Apollo Commercial Real Estate Finance, Inc.	19,501	160,493
Ares Commercial Real Estate Corp.	3,959	29,495
Arlington Asset Investment Corp., Class A	5,059	12,142
ARMOUR Residential REIT, Inc.	7,550	59,117
Blackstone Mortgage Trust, Inc., Class A	16,180	381,686
Capstead Mortgage Corp.	11,925	60,341
Cherry Hill Mortgage Investment Corp.	2,176	18,779
Colony Credit Real Estate, Inc.	10,589	52,416
Dynex Capital, Inc.	2,878	37,011
Exantas Capital Corp.	4,336	8,672
Granite Point Mortgage Trust, Inc.	7,084	34,853
Great Ajax Corp.	2,252	18,466
Invesco Mortgage Capital, Inc.	21,249	58,860
KKR Real Estate Finance Trust, Inc.	3,016	48,829
Ladder Capital Corp.	13,052	103,763
New York Mortgage Trust, Inc.	48,025	99,892
Orchid Island Capital, Inc.	8,153	33,998
PennyMac Mortgage Investment Trust	12,484	137,449
Ready Capital Corp.	4,734	27,789
Redwood Trust, Inc.	14,251	76,243
TPG RE Finance Trust, Inc.	6,390	47,350
Western Asset Mortgage Capital Corp.	7,009	13,878
		1,551,396

Shin Kong Financial Holding Company, Ltd.	1,438,694	400,651	Thriffs and mortgage finance – 0.1%		
Sompo Holdings, Inc.	53,860	1,921,275	Axos Financial, Inc. (A)(B)	7,316	159,489
Sony Financial Holdings, Inc.	26,200	632,522	Bridgewater Bancshares, Inc. (A)	2,994	31,197
State Auto Financial Corp.	2,216	44,187	Capitol Federal Financial, Inc.	16,331	191,481
Stewart Information Services Corp.	2,966	91,412	Columbia Financial, Inc. (A)	6,667	94,005
Sul America SA	30,994	260,495	ESSA Bancorp, Inc.	1,313	18,842
Sun Life Financial, Inc.	107,252	3,679,059	Essent Group, Ltd.	40,970	1,354,059
Suncorp Group, Ltd.	168,988	1,042,123	Federal Agricultural Mortgage Corp., Class C	1,141	73,172
Swiss Life Holding AG	4,470	1,584,431	First Defiance Financial Corp.	4,728	78,532
Swiss Re AG	38,154	2,605,594	Flagstar Bancorp, Inc.	4,379	128,305
T&D Holdings, Inc.	90,300	820,211	FS Bancorp, Inc.	534	22,556
The Allstate Corp.	62,727	6,135,328	Hingham Institution for Savings	179	29,383
			Home Bancorp, Inc.	1,015	24,116

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Thriffs and mortgage finance (continued)		
HomeStreet, Inc. (B)	2,808	\$ 66,887
Kearny Financial Corp.	10,092	86,488
Luther Burbank Corp.	2,469	25,381
Merchants Bancorp	1,159	19,796
Meridian Bancorp, Inc.	6,206	71,493
Meta Financial Group, Inc.	4,291	77,753
MMA Capital Holdings, Inc. (A)	608	15,176
Mr. Cooper Group, Inc. (A)	9,634	107,419
New York Community Bancorp, Inc.	125,288	1,259,144
NMI Holdings, Inc., Class A (A)	8,397	129,020
Northfield Bancorp, Inc.	5,671	61,984
Northwest Bancshares, Inc.	14,412	143,544
Ocwen Financial Corp. (A)	19,801	14,637
OP Bancorp	2,031	12,877
PCSB Financial Corp.	2,177	29,085
PennyMac Financial Services, Inc.	3,137	105,340
Pioneer Bancorp, Inc. (A)	1,524	14,554
Provident Bancorp, Inc.	1,379	11,749
Provident Financial Holdings, Inc.	888	11,429
Provident Financial Services, Inc.	7,749	100,969
Prudential Bancorp, Inc.	1,269	15,507
Radian Group, Inc.	25,557	405,845
Riverview Bancorp, Inc.	2,947	14,735
Southern Missouri Bancorp, Inc.	1,031	25,074
Territorial Bancorp, Inc.	955	24,286

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Apellis Pharmaceuticals, Inc. (A)	7,243	\$ 244,017
Applied Therapeutics, Inc. (A)	1,027	46,749
Apria Therapeutics, Inc. (A)	828	22,240
Arcus Biosciences, Inc. (A)	4,100	128,535
Arcutis Biotherapeutics, Inc. (A)	1,331	44,655
Ardelyx, Inc. (A)	7,968	58,405
Arena Pharmaceuticals, Inc. (A)	6,395	382,229
Arrowhead Pharmaceuticals, Inc. (A)(B)	39,486	1,273,029
Assembly Biosciences, Inc. (A)	3,633	70,807
Atara Biotherapeutics, Inc. (A)(B)	6,632	76,268
Athenex, Inc. (A)(B)	8,722	94,808
Athersys, Inc. (A)	17,020	49,528
Atreca, Inc., Class A (A)	2,212	40,856
Avid Bioservices, Inc. (A)	7,191	41,995
AvroBio, Inc. (A)	3,013	60,923
Beam Therapeutics, Inc. (A)	1,575	40,241
BeiGene, Ltd., ADR (A)(B)	4,700	778,038
BeyondSpring, Inc. (A)	1,690	28,730
BioCryst Pharmaceuticals, Inc. (A)(B)	19,616	88,174
Biogen, Inc. (A)	25,320	7,775,519
Biohaven Pharmaceutical Holding Company, Ltd. (A)(B)	5,424	338,837
BioSpecifics Technologies Corp. (A)	781	48,578
BioRxcel Therapeutics, Inc. (A)	874	40,693
Black Diamond Therapeutics, Inc. (A)	1,533	59,864

Timberland Bancorp, Inc.	1,016	18,258	Blueprint Medicines Corp. (A)	6,780	441,649
TrustCo Bank Corp.	12,063	75,997	Bridgebio Pharma, Inc. (A)(B)	9,482	278,107
Walker & Dunlop, Inc.	3,508	142,074	Calithera Biosciences, Inc. (A)	7,181	41,793
Washington Federal, Inc.	30,703	793,980	CareDx, Inc. (A)(B)	5,197	166,928
Waterstone Financial, Inc.	2,848	42,435	CASI Pharmaceuticals, Inc. (A)(B)	6,786	17,915
Western New England Bancorp, Inc.	3,410	18,005	Castle Biosciences, Inc. (A)	1,205	46,308
WSFS Financial Corp.	6,439	178,167	Catalyst Pharmaceuticals, Inc. (A)	12,263	52,854
		6,324,225	Celltrion, Inc. (A)	18,724	3,242,026
		935,549,556	Cellular Biomedicine Group, Inc. (A)	1,618	22,280
Health care – 12.6%			CEL-SCI Corp. (A)(B)	4,153	55,359
Biotechnology – 2.0%			Checkpoint Therapeutics, Inc. (A)	5,024	10,651
3SBio, Inc. (A)(C)	162,300	194,309	ChemoCentryx, Inc. (A)	5,144	320,934
89bio, Inc. (A)	399	10,278	Chimerix, Inc. (A)	6,379	19,902
AbbVie, Inc.	247,407	22,927,207	Clovis Oncology, Inc. (A)(B)	6,471	44,779
Abeona Therapeutics, Inc. (A)	7,196	23,819	Coherus Biosciences, Inc. (A)	7,920	147,629
ACADIA Pharmaceuticals, Inc. (A)	14,226	706,748	Concert Pharmaceuticals, Inc. (A)	3,499	37,159
Acceleron Pharma, Inc. (A)	5,689	562,244	Constellation Pharmaceuticals, Inc. (A)(B)	2,372	84,277
Achillion Pharmaceuticals, Inc. (A)(D)	17,157	7,892	Corbus Pharmaceuticals Holdings, Inc. (A)(B)	8,431	62,895
ADMA Biologics, Inc. (A)	9,251	30,436	Cortexyme, Inc. (A)(B)	1,440	66,370
Aduro Biotech, Inc. (A)	8,631	28,223	Crinetics Pharmaceuticals, Inc. (A)	1,463	23,905
Adverum Biotechnologies, Inc. (A)	8,002	165,081	CSL, Ltd.	58,971	10,921,056
Aeglea BioTherapeutics, Inc. (A)	3,436	30,271	Cue Biopharma, Inc. (A)	2,519	69,726
Affimed NV (A)	9,612	31,623	Cyclerion Therapeutics, Inc. (A)	3,224	12,832
Agenus, Inc. (A)	13,897	51,836	Cytokinetics, Inc. (A)(B)	7,062	146,254
Aimmune Therapeutics, Inc. (A)(B)	5,745	95,424	CytomX Therapeutics, Inc. (A)	5,785	51,255
Akcea Therapeutics, Inc. (A)(B)	1,647	24,540	Deciphera Pharmaceuticals, Inc. (A)	2,647	155,035
Akebia Therapeutics, Inc. (A)	14,985	174,425	Denali Therapeutics, Inc. (A)(B)	6,614	184,068
Akero Therapeutics, Inc. (A)	1,077	27,377	Dicerna Pharmaceuticals, Inc. (A)	6,766	145,943
Albireo Pharma, Inc. (A)	1,673	44,769	Dynavax Technologies Corp. (A)(B)	10,789	66,029
Alder Biopharmaceuticals, Inc. (A)(B)(D)	9,683	14,302	Eagle Pharmaceuticals, Inc. (A)(B)	1,155	59,205
Aldeyra Therapeutics, Inc. (A)	3,222	15,852	Editas Medicine, Inc. (A)(B)	6,567	177,769
Alector, Inc. (A)(B)	4,374	143,030	Eidos Therapeutics, Inc. (A)(B)	1,408	68,865
Alexion Pharmaceuticals, Inc. (A)	31,053	3,723,255	Eiger BioPharmaceuticals, Inc. (A)	3,059	36,922
Allakos, Inc. (A)(B)	2,461	159,965	Emergent BioSolutions, Inc. (A)(B)	5,758	480,735
Allogene Therapeutics, Inc. (A)(B)	4,914	236,658	Enanta Pharmaceuticals, Inc. (A)	2,420	124,606
Amgen, Inc.	83,378	19,151,927	Epizyme, Inc. (A)	9,843	172,745
Amicus Therapeutics, Inc. (A)	32,417	404,402	Esperion Therapeutics, Inc. (A)(B)	3,214	136,177
AnaptysBio, Inc. (A)(B)	3,179	60,655	Evelo Biosciences, Inc. (A)	1,973	8,622
Anavex Life Sciences Corp. (A)	6,369	26,177			
Anika Therapeutics, Inc. (A)	1,700	57,001			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

Shares or Principal Amount	Value
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Strategic Equity Allocation Fund (continued)

Shares or Principal Amount	Value
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COMMON STOCKS (continued)

Biotechnology (continued)

Exelixis, Inc. (A)	81,455	\$	2,012,753
Fate Therapeutics, Inc. (A)(B)	7,672		248,803
FibroGen, Inc. (A)	9,948		332,661
Five Prime Therapeutics, Inc. (A)	4,587		24,311
Flexion Therapeutics, Inc. (A)(B)	4,379		50,052
Frequency Therapeutics, Inc. (A)	755		14,013
G1 Therapeutics, Inc. (A)	4,341		73,667
Galapagos NV (A)	2,593		526,038
Galectin Therapeutics, Inc. (A)(B)	5,455		16,529
Genmab A/S (A)	10,646		3,296,298
Geron Corp. (A)	24,280		39,091
Gilead Sciences, Inc.	177,530		13,817,160
Global Blood Therapeutics, Inc. (A)(B)	7,327		512,304
GlycoMimetics, Inc. (A)	4,718		13,352
Gossamer Bio, Inc. (A)(B)	5,526		67,141
Grifols SA	43,091		1,344,710
Gritstone Oncology, Inc. (A)	3,400		21,964
Halozyne Therapeutics, Inc. (A)	17,010		412,833
Harpoon Therapeutics, Inc. (A)	963		20,955
Helixmith Company, Ltd. (A)	4,779		243,160
Heron Therapeutics, Inc. (A)(B)	10,687		194,717
Homology Medicines, Inc. (A)	3,205		45,639
Hookipa Pharma, Inc. (A)	1,402		15,296
IGM Biosciences, Inc. (A)	630		40,811
ImmunoGen, Inc. (A)(B)	21,445		100,363
Immunomedics, Inc. (A)	25,779		865,917
Incyte Corp. (A)	25,087		2,556,616
Innovent Biologics, Inc. (A)(C)	119,500		656,231
Inovio Pharmaceuticals, Inc. (A)(B)	11,996		176,941
Insmmed, Inc. (A)(B)	11,290		274,234
Intellia Therapeutics, Inc. (A)(B)	4,939		86,482
Intercept Pharmaceuticals, Inc. (A)(B)	3,191		230,582
Invitae Corp. (A)(B)	10,998		184,986
Iovance Biotherapeutics, Inc. (A)	14,811		475,285
Ironwood Pharmaceuticals, Inc. (A)(B)	19,823		192,878
Jounce Therapeutics, Inc. (A)	2,138		11,524
Kadmon Holdings, Inc. (A)(B)	20,368		90,434
KalVista Pharmaceuticals, Inc. (A)	1,693		19,046
Karuna Therapeutics, Inc. (A)(B)	1,328		124,646
Karyopharm Therapeutics, Inc. (A)	7,526		139,156
Kezar Life Sciences, Inc. (A)	4,161		19,848
Kindred Biosciences, Inc. (A)	5,026		21,562
Kiniksa Pharmaceuticals, Ltd., Class A (A)	1,777		37,086
Kodiak Sciences, Inc. (A)	3,538		228,590
Krystal Biotech, Inc. (A)(B)	1,323		68,015
Kura Oncology, Inc. (A)(B)	4,386		74,957
La Jolla Pharmaceutical Company (A)	2,733		12,900
Lexicon Pharmaceuticals, Inc. (A)(B)	5,776		11,032
Ligand Pharmaceuticals, Inc. (A)(B)	6,587		669,042
Lineage Cell Therapeutics, Inc. (A)	15,132		13,342
MacroGenics, Inc. (A)(B)	6,108		117,518

COMMON STOCKS (continued)

Biotechnology (continued)

Morphic Holding, Inc. (A)	1,384	\$	28,760
Mustang Bio, Inc. (A)	4,001		14,924
Myriad Genetics, Inc. (A)	9,055		131,569
Natera, Inc. (A)	7,880		345,538
NextCure, Inc. (A)	1,821		56,833
Novavax, Inc. (A)	4,067		187,245
OPKO Health, Inc. (A)(B)	49,218		112,217
Oyster Point Pharma, Inc. (A)	727		20,690
Palatin Technologies, Inc. (A)	31,396		15,915
PDL BioPharma, Inc. (A)	14,328		46,853
PeptiDream, Inc. (A)	14,500		651,876
Pfenex, Inc. (A)	3,867		28,268
Pieris Pharmaceuticals, Inc. (A)	6,180		22,248
Portola Pharmaceuticals, Inc. (A)(B)	9,734		174,725
Precigen, Inc. (A)(B)	9,713		21,369
Precision BioSciences, Inc. (A)	4,652		32,611
Prevail Therapeutics, Inc. (A)	1,814		30,258
Principia Biopharma, Inc. (A)	2,320		148,225
Progenics Pharmaceuticals, Inc. (A)	11,327		48,083
Protagonist Therapeutics, Inc. (A)	2,305		38,102
Prothena Corp. PLC (A)	5,146		54,856
PTC Therapeutics, Inc. (A)	7,642		387,526
Puma Biotechnology, Inc. (A)(B)	3,976		40,595
Radius Health, Inc. (A)(B)	5,769		73,036
Regeneron Pharmaceuticals, Inc. (A)	11,209		6,868,987
REGENXBIO, Inc. (A)	4,232		159,377
Replimune Group, Inc. (A)	1,724		32,377
Retrophin, Inc. (A)	5,317		83,397
REVOLUTION Medicines, Inc. (A)(B)	1,816		55,788
Rhythm Pharmaceuticals, Inc. (A)	3,793		73,546
Rigel Pharmaceuticals, Inc. (A)	22,016		43,041
Rocket Pharmaceuticals, Inc. (A)(B)	4,074		76,632
Rubius Therapeutics, Inc. (A)(B)	4,711		30,386
Sangamo Therapeutics, Inc. (A)(B)	14,612		163,508
Savara, Inc. (A)	4,791		11,690
Scholar Rock Holding Corp. (A)	2,258		41,547
Seres Therapeutics, Inc. (A)	4,873		26,753
Sorrento Therapeutics, Inc. (A)(B)	16,609		83,875
Spectrum Pharmaceuticals, Inc. (A)	14,701		43,221
Spero Therapeutics, Inc. (A)	1,737		20,531
SpringWorks Therapeutics, Inc. (A)	1,331		50,671
Stemline Therapeutics, Inc. (A)(B)	5,969		70,912
Stoke Therapeutics, Inc. (A)(B)	2,165		59,884
Sutro Biopharma, Inc. (A)	1,561		15,626
Syndax Pharmaceuticals, Inc. (A)	2,848		46,138
Syros Pharmaceuticals, Inc. (A)	4,469		43,752
TCR2 Therapeutics, Inc. (A)	1,620		16,362
TG Therapeutics, Inc. (A)(B)	10,914		203,546
Translate Bio, Inc. (A)(B)	4,403		91,230
Turning Point Therapeutics, Inc. (A)(B)	3,498		242,237
Twist Bioscience Corp. (A)(B)	3,308		125,539

Madrigal Pharmaceuticals, Inc. (A)(B)	1,144	132,727	Tyme Technologies, Inc. (A)	8,148	12,548
Magenta Therapeutics, Inc. (A)	2,556	22,595	Ultragenyx Pharmaceutical, Inc. (A)(B)	6,921	473,812
MannKind Corp. (A)	24,526	37,034	United Therapeutics Corp. (A)	11,764	1,387,564
MediciNova, Inc. (A)	5,529	29,525	UNITY Biotechnology, Inc. (A)	3,839	31,403
Medy-Tox, Inc.	892	122,493	UroGen Pharma, Ltd. (A)(B)	2,426	56,938
MEI Pharma, Inc. (A)	13,121	47,957	Vanda Pharmaceuticals, Inc. (A)	6,605	77,411
MeiraGTx Holdings PLC (A)	2,228	33,064	VBI Vaccines, Inc. (A)	19,856	43,286
Mersana Therapeutics, Inc. (A)	4,573	103,533	Veracyte, Inc. (A)(B)	5,978	149,091
Minerva Neurosciences, Inc. (A)(B)	3,793	14,072	Vericel Corp. (A)	5,676	81,621
Mirati Therapeutics, Inc. (A)(B)	3,760	372,954	Vertex Pharmaceuticals, Inc. (A)	36,084	10,390,749
Mirum Pharmaceuticals, Inc. (A)	704	11,862	Viela Bio, Inc. (A)	695	32,596
Molecular Templates, Inc. (A)	2,577	39,995	Viking Therapeutics, Inc. (A)(B)	8,295	59,309
Momenta Pharmaceuticals, Inc. (A)(B)	14,345	451,581	Vir Biotechnology, Inc. (A)	917	31,343
			Voyager Therapeutics, Inc. (A)	3,142	38,018

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
X4 Pharmaceuticals, Inc. (A)	2,078	\$ 17,746
XBiotech, Inc. (A)(B)	1,620	22,631
Xencor, Inc. (A)	5,996	181,379
Y-mAbs Therapeutics, Inc. (A)	2,995	114,349
Zai Lab, Ltd., ADR (A)(B)	4,800	357,120
ZIOPHARM Oncology, Inc. (A)	23,696	70,140
		136,549,800
Health care equipment and supplies – 2.9%		
Abbott Laboratories	246,693	23,416,100
ABIOMED, Inc. (A)	6,303	1,411,242
Accelerate Diagnostics, Inc. (A)(B)	3,615	30,185
Accuray, Inc. (A)	11,817	24,816
Alcon, Inc. (A)	52,182	3,378,041
Align Technology, Inc. (A)	10,011	2,458,902
Alphatec Holdings, Inc. (A)	5,139	22,869
AngioDynamics, Inc. (A)	4,818	49,192
Antares Pharma, Inc. (A)(B)	20,592	59,099
Apyx Medical Corp. (A)	4,455	19,780
Asahi Intecc Company, Ltd.	30,100	924,029
AtriCure, Inc. (A)	4,810	229,966
Atrion Corp. (B)	182	116,842
Avanos Medical, Inc. (A)(B)	18,856	547,955
Axogen, Inc. (A)(B)	4,404	42,719

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
iRadimed Corp. (A)	607	\$ 14,113
iRhythm Technologies, Inc. (A)(B)	3,348	416,190
Koninklijke Philips NV (A)	148,966	6,772,437
Lantheus Holdings, Inc. (A)	4,910	67,414
LeMaitre Vascular, Inc. (B)	2,084	56,039
LivaNova PLC (A)	19,129	1,023,210
Masimo Corp. (A)	13,152	3,158,979
Medtronic PLC	187,089	18,443,234
Meridian Bioscience, Inc. (A)	5,350	82,711
Merit Medical Systems, Inc. (A)(B)	6,784	305,212
Mesa Laboratories, Inc. (B)	502	132,654
Misonix, Inc. (A)	1,235	17,204
Natus Medical, Inc. (A)	4,297	91,956
Neogen Corp. (A)	6,555	466,847
Nevro Corp. (A)(B)	3,776	474,266
Novocure, Ltd. (A)	10,983	740,584
NuVasive, Inc. (A)	20,531	1,244,179
Olympus Corp.	181,224	3,150,995
OraSure Technologies, Inc. (A)(B)	7,761	112,845
Orthofix Medical, Inc. (A)	2,323	79,168
OrthoPediatrics Corp. (A)(B)	1,269	58,539
Penumbra, Inc. (A)	8,611	1,484,709
Pulse Biosciences, Inc. (A)(B)	1,533	13,935
Quidel Corp. (A)	4,519	790,825

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care providers and services (continued)		
Amedisys, Inc. (A)	12,606	\$ 2,420,982
American Renal Associates Holdings, Inc. (A)	2,525	15,630
AmerisourceBergen Corp.	20,982	2,000,424
AMN Healthcare Services, Inc. (A)	5,815	257,953
Anthem, Inc.	35,393	10,409,435
Apollo Medical Holdings, Inc. (A)	1,064	20,099
Bangkok Dusit Medical Services PCL, NVDR	977,700	691,577
BioTelemetry, Inc. (A)	4,195	197,920
Brookdale Senior Living, Inc. (A)	23,790	87,071
Bumrungrad Hospital PCL, NVDR	43,800	165,377
Cardinal Health, Inc.	40,825	2,232,719
Catasys, Inc. (A)(B)	922	18,265
Celltrion Healthcare Company, Ltd. (A)	10,499	773,468
Centene Corp. (A)	81,489	5,398,646
Chemed Corp.	4,292	2,053,765
Cigna Corp.	52,123	10,284,910
Community Health Systems, Inc. (A)	11,165	35,170
CorVel Corp. (A)	1,140	77,395
Cross Country Healthcare, Inc. (A)	4,706	28,565
CVS Health Corp.	181,589	11,906,791
DaVita, Inc. (A)(B)	12,517	1,013,376
Encompass Health Corp.	26,433	1,936,217
Enzo Biochem, Inc. (A)	5,857	16,692
Fresenius Medical Care AG & Company KGaA	30,915	2,615,312
Fresenius SE & Company KGaA	60,639	2,931,500
Genesis Healthcare, Inc. (A)	11,561	9,967
Hanger, Inc. (A)	4,608	84,603
Hapvida Participacoes e Investimentos SA (C)	22,500	231,312
HCA Healthcare, Inc.	36,927	3,947,496
HealthEquity, Inc. (A)	27,766	1,720,659
Henry Schein, Inc. (A)	20,481	1,243,606
Humana, Inc.	18,484	7,590,455
IHH Healthcare BHD	229,609	287,355
Laboratory Corp. of America Holdings (A)	13,553	2,376,112
LHC Group, Inc. (A)	11,743	1,908,355
Life Healthcare Group Holdings, Ltd.	164,304	170,676
Magellan Health, Inc. (A)	2,782	208,622
McKesson Corp.	22,543	3,576,898
Medipal Holdings Corp.	28,400	562,616
MEDNAX, Inc. (A)	22,599	350,962
Molina Healthcare, Inc. (A)	16,809	3,123,448
National HealthCare Corp.	1,524	102,215
National Research Corp.	1,521	86,271
NMC Health PLC	8,800	3,175

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care providers and services (continued)		
Sinopharm Group Company, Ltd., H Shares	174,300	\$ 430,472
Sonic Healthcare, Ltd.	58,757	1,104,545
Surgery Partners, Inc. (A)	3,121	41,837
Suzuken Company, Ltd.	11,200	407,472
Tenet Healthcare Corp. (A)	40,877	889,484
The Ensign Group, Inc.	6,399	279,764
The Joint Corp. (A)	1,728	26,110
The Pennant Group, Inc. (A)	3,211	81,848
The Providence Service Corp. (A)(B)	1,476	118,818
Tivity Health, Inc. (A)	6,093	64,890
Triple-S Management Corp., Class B (A)(B)	2,881	57,332
UnitedHealth Group, Inc.	132,240	40,313,364
Universal Health Services, Inc., Class B	11,212	1,182,305
US Physical Therapy, Inc. (B)	1,596	118,327
		137,566,190
Health care technology – 0.2%		
Alibaba Health Information Technology, Ltd. (A)	463,100	1,094,341
Allscripts Healthcare Solutions, Inc. (A)	64,134	405,327
Castlight Health, Inc., B Shares (A)	15,345	12,087
Cerner Corp.	43,841	3,196,009
Computer Programs & Systems, Inc.	1,632	36,100
Evolent Health, Inc., Class A (A)(B)	9,502	84,378
Health Catalyst, Inc. (A)(B)	2,433	66,032
HealthStream, Inc. (A)	3,315	75,516
HMS Holdings Corp. (A)	11,128	347,639
Inovalon Holdings, Inc., Class A (A)(B)	9,224	173,596
Inspire Medical Systems, Inc. (A)	1,699	138,536
Livongo Health, Inc. (A)	6,510	390,144
M3, Inc.	68,500	2,767,009
NextGen Healthcare, Inc. (A)	7,008	72,323
Omnicell, Inc. (A)	5,236	350,341
OptimizeRx Corp. (A)	1,803	20,482
Phreesia, Inc. (A)	3,462	101,506
Ping An Healthcare and Technology Company, Ltd. (A)(C)	41,200	547,376
Schrodinger, Inc. (A)	1,748	119,651
Simulations Plus, Inc.	1,466	74,282
Tabula Rasa HealthCare, Inc. (A)(B)	2,469	131,919
Teladoc Health, Inc. (A)(B)	9,127	1,588,646
Vocera Communications, Inc. (A)(B)	3,973	77,990
		11,871,230
Life sciences tools and services – 1.0%		
Agilent Technologies, Inc.	43,020	3,791,783

Notre Dame Intermedica Participacoes SA	49,100	573,231	Bio-Rad Laboratories, Inc., Class A (A)	5,793	2,846,217
Option Care Health, Inc. (A)	3,905	59,356	Bio-Techne Corp.	10,217	2,705,462
Owens & Minor, Inc. (B)	7,790	61,775	Charles River Laboratories International, Inc. (A)	13,093	2,352,288
Patterson Companies, Inc.	33,667	662,903	ChromaDex Corp. (A)	5,371	25,835
PetIQ, Inc. (A)	2,513	77,099	Codexis, Inc. (A)	6,769	84,071
Progyny, Inc. (A)	1,515	37,814	Eurofins Scientific SE	630	428,333
Quest Diagnostics, Inc.	18,801	2,223,782	Fluidigm Corp. (A)	9,077	39,576
R1 RCM, Inc. (A)(B)	13,179	139,829	Genscript Biotech Corp. (A)	119,400	263,557
RadNet, Inc. (A)	5,328	90,789	Illumina, Inc. (A)	20,435	7,418,927
Ramsay Health Care, Ltd.	27,056	1,265,312	IQVIA Holdings, Inc. (A)	25,086	3,750,859
Ryman Healthcare, Ltd.	24,928	187,970	Lonza Group AG	9,324	4,604,382
Select Medical Holdings Corp. (A)	13,897	224,298	Luminex Corp.	5,290	164,836
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	106,500	168,832	Medpace Holdings, Inc. (A)	3,480	323,014
			Mettler-Toledo International, Inc. (A)	3,386	2,691,870
			NanoString Technologies, Inc. (A)	4,322	131,951
			NeoGenomics, Inc. (A)	12,036	321,241
			Pacific Biosciences of California, Inc. (A)(B)	18,325	64,504

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Life sciences tools and services (continued)		
PerkinElmer, Inc.	15,445	\$ 1,551,759
Personalis, Inc. (A)	2,455	29,067
PRA Health Sciences, Inc. (A)	16,956	1,754,946
QIAGEN NV (A)	32,715	1,429,610
Quanterix Corp. (A)	1,715	47,317
Repligen Corp. (A)	19,161	2,509,516
Samsung Biologics Company, Ltd. (A)(C)	3,286	1,656,814
Sartorius Stedim Biotech	1,484	403,914
Syneos Health, Inc. (A)	24,570	1,498,524
Thermo Fisher Scientific, Inc.	55,745	19,465,597
Waters Corp. (A)	8,957	1,790,056
WuXi AppTec Company, Ltd., H Shares (C)	26,572	282,628
Wuxi Biologics Cayman, Inc. (A)(C)	99,700	1,574,437
		66,002,891
Pharmaceuticals – 4.5%		
AcelRx Pharmaceuticals, Inc. (A)	10,772	14,973
Aerie Pharmaceuticals, Inc. (A)(B)	5,405	75,832
AMAG Pharmaceuticals, Inc. (A)(B)	4,438	34,217

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Hutchison China MediTech, Ltd., ADR (A)	7,700	\$ 167,937
Hypera SA	38,379	231,728
Innoviva, Inc. (A)(B)	8,074	112,794
Intersect ENT, Inc. (A)	3,997	44,567
Intra-Cellular Therapies, Inc. (A)	6,679	139,458
Ipsen SA	2,062	161,332
Johnson & Johnson	294,319	43,779,951
Kala Pharmaceuticals, Inc. (A)	3,056	37,619
Kalbe Farma Tbk PT	2,056,110	199,439
Kaleido Biosciences, Inc. (A)(B)	1,575	11,372
Kyowa Kirin Company, Ltd.	37,828	1,026,534
Lannett Company, Inc. (A)	4,126	31,564
Liquidia Technologies, Inc. (A)	1,812	16,743
Luye Pharma Group, Ltd. (C)	150,100	75,433
Mallinckrodt PLC (A)(B)	10,842	30,574
Marinus Pharmaceuticals, Inc. (A)	10,694	27,163
Menlo Therapeutics, Inc. (A)	6,454	15,425
Merck & Company, Inc.	284,713	22,982,033
Merck KGaA	18,718	2,157,718

Amneal Pharmaceuticals, Inc. (A)(B)	15,193	73,990	Mylan NV (A)	57,716	985,212
Amphastar Pharmaceuticals, Inc. (A)	4,577	85,315	MyoKardia, Inc. (A)	6,261	640,438
ANI Pharmaceuticals, Inc. (A)	1,177	36,558	Nektar Therapeutics (A)(B)	47,161	1,023,394
Arvinas, Inc. (A)(B)	2,673	88,931	NGM Biopharmaceuticals, Inc. (A)	3,097	61,104
Aspen Pharmacare Holdings, Ltd. (A)	48,254	386,048	Nippon Shinyaku Company, Ltd.	7,100	613,529
Astellas Pharma, Inc.	293,600	5,246,025	Novartis AG	269,390	23,451,987
AstraZeneca PLC	116,148	12,509,102	Novo Nordisk A/S, B Shares	289,663	18,974,271
Aurora Cannabis, Inc. (A)(B)	15,816	221,356	Ocular Therapeutix, Inc. (A)	5,469	38,502
Axsome Therapeutics, Inc. (A)(B)	3,409	262,425	Odonate Therapeutics, Inc. (A)	1,237	40,413
Bausch Health Companies, Inc. (A)	54,868	1,010,606	Omeros Corp. (A)(B)	6,523	97,062
Bayer AG	142,397	9,734,198	Ono Pharmaceutical Company, Ltd.	57,600	1,652,157
BioDelivery Sciences International, Inc. (A)	10,704	51,165	Optinose, Inc. (A)	3,857	16,662
Bristol-Myers Squibb Company	262,148	15,655,479	Orion OYJ, Class B	13,598	727,814
Canopy Growth Corp. (A)(B)	35,862	630,584	Otsuka Holdings Company, Ltd.	60,700	2,737,694
Cara Therapeutics, Inc. (A)(B)	5,082	80,651	Pacira BioSciences, Inc. (A)	5,191	228,144
Catalent, Inc. (A)	41,487	3,224,785	Paratek Pharmaceuticals, Inc. (A)	4,434	19,687
Chiasma, Inc. (A)	4,527	28,294	Perrigo Company PLC	15,219	833,545
China Medical System Holdings, Ltd.	175,500	201,256	Pfizer, Inc.	618,874	23,634,798
China Resources Pharmaceutical Group, Ltd. (C)	204,000	111,535	Phathom Pharmaceuticals, Inc. (A)	1,378	58,262
China Traditional Chinese Medicine Holdings Company, Ltd.	292,400	124,573	Phibro Animal Health Corp., Class A	2,595	67,989
Chugai Pharmaceutical Company, Ltd.	34,700	5,127,691	Prestige Consumer Healthcare, Inc. (A)	19,820	836,404
Collegium Pharmaceutical, Inc. (A)(B)	4,061	89,545	Reata Pharmaceuticals, Inc., Class A (A)(B)	2,864	416,196
Corcept Therapeutics, Inc. (A)(B)	12,110	183,345	Recordati SpA	10,340	470,884
CorMedix, Inc. (A)(B)	3,431	15,165	Recro Pharma, Inc. (A)	2,591	11,711
Cronos Group, Inc. (A)(B)	33,016	216,534	Revance Therapeutics, Inc. (A)(B)	6,560	137,104
CSPC Pharmaceutical Group, Ltd.	601,100	1,184,944	Richter Gedeon NYRT	23,668	517,275
Cymbabay Therapeutics, Inc. (A)	9,112	33,760	Roche Holding AG	88,076	30,573,073
Daiichi Sankyo Company, Ltd.	88,100	8,278,337	Sanofi	62,189	6,083,003
Eisai Company, Ltd.	39,154	3,073,244	Santen Pharmaceutical Company, Ltd.	55,700	1,031,679
Elanco Animal Health, Inc. (A)(D)	6,772	0	Satsuma Pharmaceuticals, Inc. (A)	594	15,563
Eli Lilly & Company	94,485	14,451,481	Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	66,500	213,294
Eloxx Pharmaceuticals, Inc. (A)	3,542	12,007	Shionogi & Company, Ltd.	41,863	2,482,513
Endo International PLC (A)	28,614	110,450	SIGA Technologies, Inc. (A)	6,976	41,786
Evoform Biosciences, Inc. (A)	1,886	10,298	Sino Biopharmaceutical, Ltd.	888,350	1,403,709
Evolus, Inc. (A)	2,556	11,681	SSY Group, Ltd.	193,300	119,168
Fulcrum Therapeutics, Inc. (A)	1,656	32,971	Strongbridge Biopharma PLC (A)	4,897	16,748
GlaxoSmithKline PLC	441,799	9,150,853	Sumitomo Dainippon Pharma Company, Ltd.	24,800	351,235
H Lundbeck A/S	11,296	436,060	Supernus Pharmaceuticals, Inc. (A)	6,258	150,943
Hanmi Pharm Company, Ltd.	1,266	243,183	Taisho Pharmaceutical Holdings Company, Ltd.	5,200	331,204
Hansoh Pharmaceutical Group Company, Ltd. (A)(C)	66,000	288,401	Takeda Pharmaceutical Company, Ltd.	232,528	9,096,330
Hisamitsu Pharmaceutical Company, Inc.	7,900	399,990			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Teva Pharmaceutical Industries, Ltd., ADR (A)(B)	125,036	\$ 1,566,701
TherapeuticsMD, Inc. (A)(B)	29,269	33,074
Theravance Biopharma, Inc. (A)	6,237	157,484
Tricida, Inc. (A)(B)	2,797	75,127
UCB SA	7,266	727,219
Verrica Pharmaceuticals, Inc. (A)	1,728	19,837
Vifor Pharma AG	5,702	873,753
WaVe Life Sciences, Ltd. (A)	2,975	30,286
Xeris Pharmaceuticals, Inc. (A)	4,814	24,744
Yuhan Corp.	9,250	389,164
Zoetis, Inc.	53,263	7,424,330
Zogenix, Inc. (A)	5,415	157,739
Zynerba Pharmaceuticals, Inc. (A)(B)	3,082	16,211
		306,185,377
		859,044,395
Industrials – 10.0%		
Aerospace and defense – 1.1%		
AAR Corp.	4,268	86,086
Aerojet Rocketdyne Holdings, Inc. (A)	9,216	404,122
AeroVironment, Inc. (A)	2,693	190,745
Airbus SE (A)	32,291	2,063,621
Aselsan Elektronik Sanayi Ve Ticaret AS	23,102	102,307
Astronics Corp. (A)	3,108	28,376
AviChina Industry & Technology Company, Ltd., H Shares	311,300	142,393
Axon Enterprise, Inc. (A)	23,282	1,768,501
BAE Systems PLC	285,693	1,763,246
Bombardier, Inc., Class B (A)	372,355	120,346
CAE, Inc.	46,288	694,564
Cubic Corp.	3,963	163,315
Curtiss-Wright Corp.	11,444	1,147,833
Dassault Aviation SA (A)	137	115,723
Ducommun, Inc. (A)	1,380	44,436
Embraer SA (A)	71,908	96,348
General Dynamics Corp.	30,251	4,441,754
Howmet Aerospace, Inc.	50,002	654,026
Huntington Ingalls Industries, Inc.	5,280	1,055,419
Korea Aerospace Industries, Ltd.	14,669	301,528
Kratos Defense & Security Solutions, Inc. (A)	11,411	211,674
L3Harris Technologies, Inc.	28,536	5,691,505
Leonardo SpA	42,825	268,848
Lockheed Martin Corp.	32,043	12,446,783
Maxar Technologies, Inc.	7,574	114,140
Meggitt PLC	73,717	254,810
Mercury Systems, Inc. (A)	21,741	1,942,558
Moog, Inc., Class A	3,939	213,848

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
Vectrus, Inc. (A)	1,417	\$ 77,822
		77,323,309
Air freight and logistics – 0.5%		
Air Transport Services Group, Inc. (A)	7,425	159,935
Atlas Air Worldwide Holdings, Inc. (A)	2,965	115,813
BEST, Inc., ADR (A)	25,200	130,536
C.H. Robinson Worldwide, Inc.	23,452	1,902,661
Deutsche Post AG	143,087	4,481,229
DSV Panalpina A/S	34,696	3,677,723
Echo Global Logistics, Inc. (A)	3,454	71,498
Expeditors International of Washington, Inc.	29,531	2,255,282
FedEx Corp.	41,624	5,434,429
Forward Air Corp.	3,598	178,749
Hub Group, Inc., Class A (A)	4,091	191,336
Hyundai Glovis Company, Ltd.	3,794	347,380
Radiant Logistics, Inc. (A)	5,317	21,215
SG Holdings Company, Ltd.	22,100	722,638
Sinotrans, Ltd., H Shares	276,200	57,505
United Parcel Service, Inc., Class B	121,516	12,116,360
XPO Logistics, Inc. (A)(B)	24,744	1,950,075
Yamato Holdings Company, Ltd.	48,000	1,067,900
ZTO Express Cayman, Inc., ADR	40,600	1,324,372
		36,206,636
Airlines – 0.2%		
Air Canada (A)	23,152	267,362
Air China, Ltd., H Shares (B)	216,966	131,405
AirAsia Group BHD	154,346	24,598
Alaska Air Group, Inc. (B)	21,359	730,264
Allegiant Travel Company	1,646	175,381
American Airlines Group, Inc. (B)	67,604	709,842
ANA Holdings, Inc. (A)	17,700	427,639
China Airlines, Ltd.	261,000	71,395
China Eastern Airlines Corp., Ltd., H Shares	216,400	73,815
China Southern Airlines Company, Ltd., H Shares (B)	194,900	81,179
Delta Air Lines, Inc.	99,813	2,516,286
Deutsche Lufthansa AG (A)(B)	34,171	347,369
easyJet PLC	14,880	126,434
Eva Airways Corp.	292,066	107,121
Hawaiian Holdings, Inc.	5,809	83,824
Japan Airlines Company, Ltd.	17,800	349,534
JetBlue Airways Corp. (A)	77,393	779,348
Korean Air Lines Company, Ltd. (A)	9,149	153,982
Latam Airlines Group SA (A)	38,423	41,284
Mesa Air Group, Inc. (A)	3,737	12,145
Qantas Airways, Ltd.	98,076	261,806

MTU Aero Engines AG	7,593	1,227,228	Singapore Airlines, Ltd.	23,840	64,527
National Presto Industries, Inc. (B)	616	55,434	SkyWest, Inc.	6,225	199,636
Northrop Grumman Corp.	20,233	6,782,102	Southwest Airlines Company	91,349	2,932,303
Park Aerospace Corp.	2,416	29,306	Spirit Airlines, Inc. (A)(B)	8,769	113,559
Parsons Corp. (A)	2,405	97,787	Turk Hava Yollari AO (A)	38,666	71,122
Raytheon Technologies Corp.	189,488	12,225,766	United Airlines Holdings, Inc. (A)(B)	43,222	1,211,945
Rolls-Royce Holdings PLC (A)	154,285	525,874			12,065,105
Safran SA (A)	18,188	1,752,575	Building products – 0.5%		
Singapore Technologies Engineering, Ltd.	69,400	157,169	AAON, Inc.	5,178	280,493
Teledyne Technologies, Inc. (A)	9,777	3,657,771	Advanced Drainage Systems, Inc.	5,475	242,762
Textron, Inc.	29,467	912,593	AGC, Inc.	28,384	805,066
Thales SA	5,851	447,852	Allegion PLC	9,100	907,270
The Boeing Company	69,017	10,066,129	American Woodmark Corp. (A)	2,151	134,997
TransDigm Group, Inc.	6,428	2,730,743	AO Smith Corp. (B)	13,424	637,640
Triumph Group, Inc.	6,449	48,303	Apogee Enterprises, Inc. (B)	3,376	69,714
			Armstrong Flooring, Inc. (A)	3,030	10,363

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Building products (continued)		
Assa Abloy AB, B Shares	146,297	\$ 2,985,976
Builders FirstSource, Inc. (A)	14,416	299,997
Caesarstone, Ltd.	2,998	33,398
Carrier Global Corp. (A)	79,471	1,626,771
China Lesso Group Holdings, Ltd.	138,000	167,773
Cie de Saint-Gobain	27,345	894,879
Cornerstone Building Brands, Inc. (A)	6,052	32,802
CSW Industrials, Inc.	1,858	132,958
Daikin Industries, Ltd.	38,600	5,683,664
Fortune Brands Home & Security, Inc.	13,631	830,946
Geberit AG	4,582	2,241,929
Gibraltar Industries, Inc. (A)	4,082	179,649
Griffon Corp.	4,647	78,070
Insteel Industries, Inc.	2,368	41,795
JELD-WEN Holding, Inc. (A)	8,619	117,477
Johnson Controls International PLC	75,563	2,373,434
Kingspan Group PLC	21,241	1,311,471
Lennox International, Inc. (B)	9,400	2,010,096
LIXIL Group Corp.	41,100	574,173
Masco Corp.	27,826	1,298,083
Masonite International Corp. (A)	3,123	207,305
Owens Corning	29,164	1,531,110
Patrick Industries, Inc.	2,863	148,504

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
Kimball International, Inc., Class B	4,599	\$ 51,463
Knoll, Inc.	6,275	66,264
Matthews International Corp., Class A	3,899	80,709
McGrath RentCorp	3,058	170,514
Mobile Mini, Inc.	5,572	178,527
MSA Safety, Inc.	14,007	1,665,993
Park24 Company, Ltd.	17,900	345,778
PICO Holdings, Inc. (A)	2,562	21,470
Pitney Bowes, Inc. (B)	21,865	51,820
Quad/Graphics, Inc.	4,598	13,104
Rentokil Initial PLC	164,472	1,017,186
Republic Services, Inc.	28,487	2,434,499
Rollins, Inc.	19,043	795,997
RR Donnelley & Sons Company	9,970	10,867
S-1 Corp.	3,264	245,456
Secom Company, Ltd.	32,494	2,820,446
Securitas AB, B Shares (A)	45,904	612,862
Sohgo Security Services Company, Ltd.	11,000	541,581
SP Plus Corp. (A)	2,932	59,725
Steelcase, Inc., Class A	11,190	129,580
Stericycle, Inc. (A)	24,430	1,339,497
Team, Inc. (A)	4,067	20,050

PGT Innovations, Inc. (A)	7,243	98,577	Tetra Tech, Inc.	21,511	1,697,218
Quanex Building Products Corp. (B)	4,290	53,196	The Brink's Company	19,741	791,614
Resideo Technologies, Inc. (A)	32,925	232,451	Toppan Printing Company, Ltd.	43,800	750,592
Simpson Manufacturing Company, Inc.	5,633	450,978	UniFirst Corp.	1,907	342,879
TOTO, Ltd.	21,800	868,042	US Ecology, Inc. (B)	3,094	104,175
Trane Technologies PLC	23,469	2,117,138	Viad Corp.	2,613	47,922
Trex Company, Inc. (A)(B)	23,063	2,770,328	VSE Corp.	1,156	30,056
UFP Industries, Inc.	7,515	343,661	Waste Management, Inc.	52,786	5,634,906
		34,824,936			37,142,582
Commercial services and supplies – 0.6%			Construction and engineering – 0.4%		
ABM Industries, Inc.	8,423	258,839	ACS Actividades de Construccion y Servicios SA	37,303	954,585
ACCO Brands Corp.	12,167	75,314	AECOM (A)	42,112	1,632,682
Advanced Disposal Services, Inc. (A)(B)	9,140	284,985	Aegion Corp. (A)	3,953	59,335
A-Living Services Company, Ltd., H Shares (C)	55,250	298,762	Ameresco, Inc., Class A (A)	2,833	60,796
Brady Corp., Class A	6,093	311,535	Arcosa, Inc.	6,104	232,990
Brambles, Ltd.	202,166	1,573,656	Argan, Inc.	1,857	68,690
BrightView Holdings, Inc. (A)	4,009	54,883	Bouygues SA (A)	12,169	373,353
Casella Waste Systems, Inc., Class A (A)	5,790	295,001	China Communications Construction Company, Ltd., H Shares	566,865	362,568
CECO Environmental Corp. (A)	4,137	21,967	China Communications Services Corp., Ltd., H Shares	303,200	202,198
China Everbright International, Ltd.	479,500	248,224	China Conch Venture Holdings, Ltd.	207,400	936,074
Cimpress PLC (A)(B)	2,375	214,059	China Railway Construction Corp., Ltd., H Shares	251,600	225,908
Cintas Corp.	11,339	2,811,618	China Railway Group, Ltd., H Shares	484,200	265,834
Clean Harbors, Inc. (A)	13,764	817,444	China State Construction International Holdings, Ltd.	259,900	160,996
CompX International, Inc.	240	3,377	CIMIC Group, Ltd.	12,103	201,805
Copart, Inc. (A)	27,666	2,473,064	Comfort Systems USA, Inc.	4,619	170,903
Country Garden Services Holdings Company, Ltd. (A)	155,400	736,286	Concrete Pumping Holdings, Inc. (A)	3,873	12,897
Covanta Holding Corp.	15,059	135,531	Construction Partners, Inc., Class A (A)	2,326	41,170
Dai Nippon Printing Company, Ltd.	37,600	857,153	Daelim Industrial Company, Ltd.	5,641	422,122
Deluxe Corp.	16,701	389,634	Daewoo Engineering & Construction Company, Ltd. (A)	39,456	122,545
Ennis, Inc. (B)	3,279	58,366	Dycom Industries, Inc. (A)	12,310	518,251
G4S PLC	141,054	157,891	Eiffage SA (A)	4,301	392,618
Greentown Service Group Company, Ltd.	137,000	184,617	EMCOR Group, Inc.	22,102	1,404,582
Harsco Corp. (A)	9,966	111,221	Ferrovial SA	70,758	1,928,283
Healthcare Services Group, Inc.	29,308	701,047	Fluor Corp.	37,578	436,281
Heritage-Crystal Clean, Inc. (A)	1,986	33,683	Gamuda BHD	181,900	163,568
Herman Miller, Inc.	23,315	536,711	Granite Construction, Inc. (B)	6,020	105,952
HNI Corp.	16,914	430,800	Great Lakes Dredge & Dock Corp. (A)	7,766	71,991
Interface, Inc.	7,436	63,132			
ISS A/S (A)	26,072	435,641			
KAR Auction Services, Inc.	34,522	495,391			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Construction and engineering (continued)		
GS Engineering & Construction Corp.	12,411	\$ 287,304
HDC Hyundai Development Co- Engineering & Construction, Series E	8,134	131,424
HOCHTIEF AG	3,493	309,476
Hyundai Engineering & Construction Company, Ltd.	15,691	435,119
IES Holdings, Inc. (A)	1,044	24,430
IJM Corp. BHD	287,300	127,282
Jacobs Engineering Group, Inc.	26,359	2,214,683
JGC Holdings Corp.	34,400	370,962
Kajima Corp.	70,400	799,389
MasTec, Inc. (A)	23,746	929,656
Metallurgical Corp. of China, Ltd., H Shares	364,800	56,704
MYR Group, Inc. (A)	2,060	59,349
Northwest Pipe Company (A)	1,223	30,685
NV5 Global, Inc. (A)	1,320	62,251
Obayashi Corp.	101,900	944,895
Primoris Services Corp.	5,656	94,399
Quanta Services, Inc.	27,681	1,022,259
Samsung Engineering Company, Ltd. (A)	31,453	309,005
Shimizu Corp.	92,100	779,606
Sinopec Engineering Group Company, Ltd., H Shares	189,100	79,515
Skanska AB, B Shares (A)	49,606	997,222
Sterling Construction Company, Inc. (A)	3,391	30,689
Taisei Corp.	31,400	1,090,764
Tutor Perini Corp. (A)	5,157	54,149
Valmont Industries, Inc.	5,771	657,894
Vinci SA	28,249	2,635,495
WillScot Corp. (A)(B)	6,625	88,378
WSP Global, Inc.	18,612	1,201,193
		27,353,154
Electrical equipment – 0.7%		
ABB, Ltd.	230,569	4,575,005
Acuity Brands, Inc.	10,622	915,085
Allied Motion Technologies, Inc.	929	33,621
American Superconductor Corp. (A)	2,959	21,453
AMETEK, Inc.	34,885	3,199,303
Atkore International Group, Inc. (A)	6,001	161,067
AZZ, Inc.	3,299	104,446
Bloom Energy Corp., Class A (A)	7,065	56,732
Eaton Corp. PLC	63,088	5,356,171
Emerson Electric Company	92,962	5,672,541
Encore Wire Corp.	2,597	125,409
EnerSys	16,726	1,058,756
Fuji Electric Company, Ltd.	20,000	534,297

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electrical equipment (continued)		
Shanghai Electric Group Company, Ltd., H Shares	321,436	\$ 89,421
Siemens Gamesa Renewable Energy SA	34,406	584,540
Sunrun, Inc. (A)	14,311	238,994
Thermon Group Holdings, Inc. (A)	4,215	67,566
TPI Composites, Inc. (A)	3,698	76,734
Vestas Wind Systems A/S	30,960	3,162,120
Vicor Corp. (A)	2,248	137,083
Vivint Solar, Inc. (A)	5,667	42,616
WEG SA	84,798	664,712
Xinjiang Goldwind Science & Technology Company, Ltd., H Shares	95,600	86,665
Zhuzhou CRRC Times Electric Company, Ltd., H Shares	70,900	184,484
		50,509,052
Industrial conglomerates – 1.2%		
3M Company	104,196	16,300,422
Aboitiz Equity Ventures, Inc.	267,760	226,689
Alfa SAB de CV, Class A	401,900	213,143
Ayala Corp.	38,695	572,968
Carlisle Companies, Inc.	15,193	1,821,033
CITIC, Ltd.	755,333	724,662
CJ Corp.	2,966	220,815
CK Hutchison Holdings, Ltd.	329,472	2,028,518
DCC PLC	8,764	735,152
Far Eastern New Century Corp.	396,133	355,510
Fosun International, Ltd.	334,500	432,971
General Electric Company	1,582,458	10,396,749
Grupo Carso SAB de CV, Series A1	60,500	139,883
GT Capital Holdings, Inc.	13,068	100,090
HAP Seng Consolidated BHD	65,000	112,049
Honeywell International, Inc.	129,470	18,883,200
Jardine Matheson Holdings, Ltd.	26,632	1,070,958
Jardine Strategic Holdings, Ltd.	27,000	539,530
JG Summit Holdings, Inc.	393,140	378,831
Keihan Holdings Company, Ltd.	14,700	700,908
Keppel Corp., Ltd.	67,631	283,652
KOC Holding AS	48,689	115,118
LG Corp.	19,127	977,693
Lotte Corp.	5,132	142,410
NWS Holdings, Ltd.	185,230	146,101
Raven Industries, Inc.	4,590	98,456
Roper Technologies, Inc.	18,855	7,425,099
Samsung C&T Corp.	17,042	1,369,607
Sembcorp Industries, Ltd.	45,500	43,861
Shanghai Industrial Holdings, Ltd.	66,270	103,624
Siemens AG	110,815	12,217,875
Sime Darby BHD	292,800	141,113

Generac Holdings, Inc. (A)	24,480	2,723,890	SK Holdings Company, Ltd.	7,018	1,360,678
Hubbell, Inc.	14,580	1,784,884	SM Investments Corp. (A)	32,985	597,756
Legrand SA	14,444	989,656	Smiths Group PLC	35,197	573,875
Melrose Industries PLC	432,903	624,099	The Bidvest Group, Ltd.	34,766	301,782
Mitsubishi Electric Corp.	284,318	3,753,406	Toshiba Corp.	60,000	1,645,542
Neoplux Company, Ltd. (A)	255	412			83,498,323
Nidec Corp.	69,500	4,278,186	Machinery – 2.0%		
nVent Electric PLC	41,718	764,691	AGCO Corp.	16,804	928,085
Plug Power, Inc. (A)(B)	37,714	158,776	Airtac International Group	15,000	258,604
Powell Industries, Inc.	1,153	30,670	Alamo Group, Inc.	1,232	127,290
Preformed Line Products Company	404	20,051	Albany International Corp., Class A	3,879	233,904
Prysmian SpA	24,376	522,450	Alfa Laval AB (A)	46,004	934,896
Regal Beloit Corp.	10,976	873,031	Alstom SA	10,476	440,930
Rockwell Automation, Inc.	17,633	3,811,549	Altra Industrial Motion Corp.	8,161	252,991
Schneider Electric SE	29,059	2,877,212	Amada Company, Ltd.	52,300	467,358
Schneider Electric SE (Euronext London Exchange)	1,474	147,268	ANDRITZ AG	14,901	558,278
			Astec Industries, Inc. (B)	2,835	120,431

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
Atlas Copco AB, A Shares	98,339	\$ 3,889,794
Atlas Copco AB, B Shares	57,005	2,026,079
Barnes Group, Inc.	5,969	225,509
Blue Bird Corp. (A)	2,010	28,844
Briggs & Stratton Corp.	6,077	9,966
Caterpillar, Inc.	73,677	8,850,818
Chart Industries, Inc. (A)(B)	4,580	179,765
CIRCOR International, Inc. (A)	2,565	41,245
CNH Industrial NV (A)	103,269	630,246
Colfax Corp. (A)(B)	22,414	628,937
Columbus McKinnon Corp.	2,973	90,409
Commercial Vehicle Group, Inc. (A)	4,313	10,912
Crane Company	13,667	761,525
CRRC Corp., Ltd., H Shares	571,700	268,659
Cummins, Inc.	20,424	3,463,910
Daewoo Shipbuilding & Marine Engineering Company, Ltd. (A)	7,416	131,257
Daifuku Company, Ltd.	15,700	1,228,248
Deere & Company	41,977	6,385,541
Donaldson Company, Inc.	33,929	1,609,931
Doosan Bobcat, Inc.	10,121	194,405
Douglas Dynamics, Inc.	2,816	102,897

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Machinery (continued)		
Korea Shipbuilding & Offshore Engineering Company, Ltd. (A)	7,726	\$ 569,821
Kubota Corp.	161,200	2,170,724
Kurita Water Industries, Ltd.	15,389	426,087
LB Foster Company, Class A (A)	1,377	16,827
Lincoln Electric Holdings, Inc. (B)	16,393	1,347,013
Lindsay Corp.	1,357	127,449
Luxfer Holdings PLC	3,535	49,455
Lydall, Inc. (A)	2,290	24,778
Makita Corp.	34,800	1,182,321
Meritor, Inc. (A)(B)	8,955	182,503
Metso OYJ	13,685	446,243
Miller Industries, Inc.	1,397	41,393
MINEBEA MITSUMI, Inc.	56,700	999,531
MISUMI Group, Inc.	43,900	1,168,521
Mitsubishi Heavy Industries, Ltd.	50,240	1,304,112
Mueller Industries, Inc.	7,026	188,156
Mueller Water Products, Inc., Class A	19,819	185,109
Nabtesco Corp.	17,600	549,377
Navistar International Corp. (A)	6,294	158,231
NGK Insulators, Ltd.	41,300	606,210
NN, Inc.	5,615	25,099

Dover Corp.	19,366	1,883,344	Nordson Corp.	13,717	2,583,597
Energy Recovery, Inc. (A)	4,799	36,880	NSK, Ltd.	56,200	413,362
Enerpac Tool Group Corp.	7,009	125,461	Omega Flex, Inc.	360	36,828
EnPro Industries, Inc.	2,621	118,155	Oshkosh Corp.	18,245	1,310,356
Epiroc AB, A Shares	96,409	1,079,161	Otis Worldwide Corp.	54,081	2,847,365
Epiroc AB, B Shares	57,243	641,852	PACCAR, Inc.	46,111	3,405,758
ESCO Technologies, Inc.	3,220	266,004	Parker-Hannifin Corp.	17,126	3,082,166
Evoqua Water Technologies Corp. (A)	9,633	181,197	Park-Ohio Holdings Corp.	1,195	17,435
FANUC Corp.	30,100	5,378,825	Pentair PLC	22,407	877,010
Federal Signal Corp.	7,534	219,541	Proto Labs, Inc. (A)(B)	3,408	430,601
Flowserve Corp.	17,445	455,315	RBC Bearings, Inc. (A)	3,066	431,233
Fortive Corp.	39,396	2,402,368	REV Group, Inc.	3,730	22,753
Franklin Electric Company, Inc.	5,832	295,799	Rexnord Corp.	13,433	404,333
GEA Group AG	21,997	659,283	Samsung Heavy Industries Company, Ltd. (A)	86,692	338,720
Gencor Industries, Inc. (A)	1,251	14,899	Sandvik AB (A)	165,537	2,767,376
Graco, Inc.	44,711	2,155,517	Schindler Holding AG	2,323	542,454
Graham Corp.	1,351	15,455	Schindler Holding AG, Participation Certificates	5,176	1,209,250
Haitian International Holdings, Ltd.	82,200	174,918	Sinotruk Hong Kong, Ltd.	88,600	215,962
Helios Technologies, Inc.	3,735	133,601	SKF AB, B Shares	55,940	1,034,231
Hillenbrand, Inc.	9,259	238,327	SMC Corp.	8,896	4,504,028
Hino Motors, Ltd.	45,900	311,228	Snap-on, Inc.	7,312	948,293
Hitachi Construction Machinery Company, Ltd.	16,900	445,804	Spirax-Sarco Engineering PLC	6,531	801,559
Hiwin Technologies Corp.	28,169	288,947	SPX Corp. (A)	5,506	220,130
Hoshizaki Corp.	8,400	678,166	SPX FLOW, Inc. (A)	5,311	183,654
Hurco Companies, Inc.	837	26,165	Standex International Corp. (B)	1,568	82,963
Hyster-Yale Materials Handling, Inc.	1,323	48,435	Stanley Black & Decker, Inc.	20,266	2,542,370
Hyundai Heavy Industries Holdings Company, Ltd.	1,960	430,035	Sumitomo Heavy Industries, Ltd.	17,700	406,072
IDEX Corp.	10,140	1,616,012	Techtronic Industries Company, Ltd.	166,500	1,452,527
IHI Corp.	23,300	336,015	Tennant Company	2,273	145,336
Illinois Tool Works, Inc.	38,992	6,724,560	Terex Corp.	25,679	403,674
Ingersoll Rand, Inc. (A)	46,132	1,300,922	The Eastern Company	769	14,388
ITT, Inc.	23,511	1,356,585	The Gorman-Rupp Company	2,213	67,851
John Bean Technologies Corp. (B)	3,948	324,328	The Greenbrier Companies, Inc. (B)	4,093	86,853
Kadant, Inc.	1,383	133,916	The Manitowoc Company, Inc. (A)	4,574	42,767
Kawasaki Heavy Industries, Ltd.	22,400	355,803	The Shyft Group, Inc.	4,230	72,248
Kennametal, Inc.	32,617	904,796	The Timken Company	18,174	773,122
KION Group AG	9,382	525,240	The Toro Company	28,578	2,031,038
Knorr-Bremse AG	6,825	722,853	The Weir Group PLC	23,103	278,869
Komatsu, Ltd.	143,900	2,909,861	THK Company, Ltd.	18,700	489,256
Kone OYJ, B Shares	44,296	2,977,457	TriMas Corp. (A)	5,689	134,545
			Trinity Industries, Inc. (B)	26,312	525,451

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

	Shares or Principal Amount	Value		Shares or Principal Amount	Value
COMMON STOCKS (continued)			COMMON STOCKS (continued)		
Machinery (continued)			Professional services (continued)		
Volvo AB, B Shares (A)	218,757	\$ 3,121,526	RELX PLC	171,655	\$ 3,995,352
Wabash National Corp. (B)	6,714	64,119	Resources Connection, Inc.	3,956	43,476
Wabtec Corp.	24,277	1,482,596	Robert Half International, Inc.	15,899	806,715
Wartsila OYJ ABP	57,967	454,830	SGS SA	744	1,755,307
Watts Water Technologies, Inc., Class A	3,468	288,399	Teleperformance	3,172	755,308
Weichai Power Company, Ltd., H Shares	241,980	419,190	Thomson Reuters Corp.	35,016	2,345,336
Welbilt, Inc. (A)(B)	16,619	101,044	TriNet Group, Inc. (A)	5,561	298,793
Woodward, Inc.	15,117	1,036,724	TrueBlue, Inc. (A)(B)	4,943	76,419
Xylem, Inc.	24,007	1,592,624	Upwork, Inc. (A)	7,383	91,845
Yangzijiang Shipbuilding Holdings, Ltd.	114,400	76,348	Verisk Analytics, Inc.	22,162	3,826,934
Yaskawa Electric Corp.	37,300	1,345,494	Willdan Group, Inc. (A)	1,314	32,127
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	170,600	140,376	Wolters Kluwer NV	44,610	3,560,337
		134,044,708			45,746,546
Marine – 0.1%			Road and rail – 1.3%		
A.P. Moller - Maersk A/S, Series A	698	641,078	ArcBest Corp.	3,295	73,775
A.P. Moller - Maersk A/S, Series B	1,005	990,853	Aurizon Holdings, Ltd.	256,024	812,193
COSCO SHIPPING Holdings Company, Ltd., H Shares (A)	306,300	77,970	Avis Budget Group, Inc. (A)(B)	22,579	486,126
Costamare, Inc.	6,561	30,181	BTS Group Holdings PCL, NVDR	718,600	273,724
Eagle Bulk Shipping, Inc. (A)(B)	6,416	11,356	Canadian National Railway Company	122,326	10,536,996
Evergreen Marine Corp. Taiwan, Ltd. (A)	289,748	105,451	Canadian Pacific Railway, Ltd.	23,518	5,894,659
Genco Shipping & Trading, Ltd.	2,169	10,238	Central Japan Railway Company	22,388	3,836,896
Kirby Corp. (A)	16,071	824,121	CJ Logistics Corp. (A)	1,784	232,396
Kuehne + Nagel International AG (A)	6,591	953,241	ComfortDelGro Corp., Ltd.	98,400	100,532
Matson, Inc.	5,418	154,792	Covenant Transportation Group, Inc., Class A (A)	1,743	21,962
MISC BHD	137,600	263,258	CSX Corp.	134,848	9,652,420
Mitsui OSK Lines, Ltd.	18,500	328,743	Daseke, Inc. (A)	6,609	18,274
Nippon Yusen KK	23,500	339,817	East Japan Railway Company	46,800	3,675,800
Pan Ocean Company, Ltd. (A)	55,073	159,774	Hankyu Hanshin Holdings, Inc.	35,400	1,310,042
Scorpio Bulkcarriers, Inc.	774	13,475	Heartland Express, Inc.	5,856	128,246
		4,904,348	J.B. Hunt Transport Services, Inc.	14,785	1,769,321
Professional services – 0.7%			Kansas City Southern	17,188	2,587,138
51job, Inc., ADR (A)	3,400	219,266	Keikyū Corp.	33,800	567,079
Acacia Research Corp. (A)	6,828	17,685	Keio Corp.	15,820	943,213
Adecco Group AG	19,225	924,414	Keisei Electric Railway Company, Ltd.	19,835	651,712
ASGN, Inc. (A)	20,627	1,270,417	Kintetsu Group Holdings Company, Ltd.	26,400	1,297,090
Barrett Business Services, Inc.	932	47,252	Knight-Swift Transportation Holdings, Inc. (B)	32,938	1,370,550
BG Staffing, Inc.	1,311	13,687	Kyushu Railway Company (B)	24,600	699,078
Bureau Veritas SA (A)	15,514	317,391	Landstar System, Inc.	10,579	1,229,915
CBIZ, Inc. (A)	6,428	145,594	Localiza Rent a Car SA	61,145	440,916
CoreLogic, Inc.	21,318	1,056,520	Marten Transport, Ltd.	4,974	127,285
CRA International, Inc.	977	39,461	MTR Corp., Ltd.	183,868	887,255
Equifax, Inc.	16,375	2,514,545	Nagoya Railroad Company, Ltd.	28,500	859,953
Experian PLC	80,544	2,824,878	Nippon Express Company, Ltd.	12,080	621,417
			Norfolk Southern Corp.	45,215	8,061,382
			Odakyu Electric Railway Company, Ltd.	45,200	1,131,357
			Old Dominion Freight Line, Inc.	16,610	2,841,805

Exponent, Inc.	6,523	484,268	Rumo SA (A)	109,200	461,045
Forrester Research, Inc. (A)	1,417	44,494	Ryder System, Inc.	14,287	489,473
Franklin Covey Company (A)	1,287	27,413	Saia, Inc. (A)	3,276	355,249
FTI Consulting, Inc. (A)	14,779	1,780,278	Seibu Holdings, Inc.	30,500	398,738
GP Strategies Corp. (A)	1,827	14,342	Tobu Railway Company, Ltd.	29,400	1,043,488
Heidrick & Struggles International, Inc.	2,405	53,343	Tokyu Corp.	76,893	1,222,666
Huron Consulting Group, Inc. (A)	2,842	131,471	U.S. Xpress Enterprises, Inc., Class A (A)	3,097	15,795
ICF International, Inc.	2,297	150,637	Union Pacific Corp.	120,380	20,447,747
IHS Markit, Ltd.	54,233	3,767,024	Universal Logistics Holdings, Inc.	1,104	16,405
Insperty, Inc.	14,769	765,625	Werner Enterprises, Inc.	17,556	811,438
Intertek Group PLC	14,339	981,328	West Japan Railway Company	25,200	1,631,386
Kelly Services, Inc., Class A	4,216	63,198			90,033,937
Kforce, Inc.	2,565	77,463	Trading companies and distributors – 0.5%		
Korn Ferry	7,009	212,092	AerCap Holdings NV (A)	20,500	660,920
ManpowerGroup, Inc.	15,807	1,092,896	Applied Industrial Technologies, Inc.	4,853	281,474
Mistras Group, Inc. (A)	2,663	10,759	Ashtead Group PLC	41,059	1,226,114
Nielsen Holdings PLC	48,115	668,317			
Persol Holdings Company, Ltd.	27,700	366,078			
Randstad NV	19,454	818,490			
Recruit Holdings Company, Ltd.	210,700	7,257,971			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Trading companies and distributors (continued)		
Beacon Roofing Supply, Inc. (A)	6,937	\$ 170,789
BMC Stock Holdings, Inc. (A)	8,448	221,084
BOC Aviation, Ltd. (C)	27,600	152,342
Brenntag AG	22,180	1,180,051
Bunzl PLC	29,699	695,062
CAI International, Inc. (A)	2,108	39,651
DXP Enterprises, Inc. (A)	2,154	37,975
EVI Industries, Inc. (A)	634	12,464
Fastenal Company	72,984	3,011,320
Ferguson PLC	20,185	1,591,951
Foundation Building Materials, Inc. (A)	2,646	35,245
GATX Corp.	13,833	867,882
GMS, Inc. (A)	5,106	104,622
H&E Equipment Services, Inc.	4,066	69,691
Herc Holdings, Inc. (A)	3,087	87,980
ITOCHU Corp.	210,037	4,516,735
Kaman Corp.	3,519	140,760
Lawson Products, Inc. (A)	557	17,300

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Transportation infrastructure (continued)		
Japan Airport Terminal Company, Ltd.	7,800	\$ 343,328
Jasa Marga Persero Tbk PT (A)	208,054	50,665
Jiangsu Expressway Company, Ltd., H Shares	152,055	179,616
Kamigumi Company, Ltd.	16,800	329,255
Malaysia Airports Holdings BHD	100,122	115,395
Promotora y Operadora de Infraestructura SAB de CV (A)	30,250	228,527
SATS, Ltd.	30,900	58,341
Shenzhen Expressway Company, Ltd., H Shares	88,000	89,318
Shenzhen International Holdings, Ltd.	124,000	207,676
Sydney Airport	144,166	564,052
Taiwan High Speed Rail Corp.	231,632	291,012
TAV Havalimanlari Holding AS	12,260	36,594
Transurban Group	355,623	3,396,674
Westports Holdings BHD	81,500	74,942
Zhejiang Expressway Company, Ltd., H Shares	190,982	134,536

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electronic equipment, instruments and components (continued)		
Alps Alpine Company, Ltd.	32,900	\$ 398,734
Amphenol Corp., Class A	40,031	3,865,393
Anixter International, Inc. (A)(B)	3,836	367,144
Arlo Technologies, Inc. (A)	10,316	22,798
Arrow Electronics, Inc. (A)	21,835	1,508,362
AU Optronics Corp.	1,038,851	263,549
Avnet, Inc.	27,066	737,278
Badger Meter, Inc.	3,604	220,529
Bel Fuse, Inc., Class B	1,402	13,137
Belden, Inc.	15,314	521,289
Benchmark Electronics, Inc.	4,676	99,084
CDW Corp.	19,399	2,151,543
China Railway Signal & Communication Corp., Ltd., H Shares (C)	186,500	82,705
Cognex Corp.	45,814	2,599,486
Coherent, Inc. (A)	6,475	940,235
Corning, Inc.	103,839	2,366,491
CTS Corp.	4,130	88,134
Daktronics, Inc.	4,927	20,890
Delta Electronics, Inc.	239,898	1,104,445
ePlus, Inc. (A)	1,699	125,233
Fabrinet (A)(B)	4,593	293,676
FARO Technologies, Inc. (A)	2,188	123,141
Fitbit, Inc., Class A (A)	29,311	185,832
FLIR Systems, Inc.	18,112	836,774
Foxconn Technology Company, Ltd.	114,180	205,605
Halma PLC	33,989	986,355
Hamamatsu Photonics KK	21,600	981,375
Hexagon AB, B Shares (A)	38,539	2,137,467
Hirose Electric Company, Ltd.	5,030	601,338
Hitachi, Ltd.	150,700	4,867,489
Hon Hai Precision Industry Company, Ltd.	1,542,172	3,901,529
II-VI, Inc. (A)	34,807	1,654,377
Ingenico Group SA	3,360	467,678
Innolux Corp.	1,001,300	207,967
Insight Enterprises, Inc. (A)	4,421	226,620
IPG Photonics Corp. (A)	4,801	746,075
Iteris, Inc. (A)	5,385	25,902
Itron, Inc. (A)	4,336	279,325
Jabil, Inc.	37,241	1,114,251
KEMET Corp.	7,164	193,643
Keyence Corp.	28,306	11,659,207
Keysight Technologies, Inc. (A)	25,326	2,738,500
Kimball Electronics, Inc. (A)	3,153	44,741
Kingboard Holdings, Ltd.	86,600	210,879
Kingboard Laminates Holdings, Ltd.	140,000	123,665

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electronic equipment, instruments and components (continued)		
Plexus Corp. (A)	3,649	\$ 234,339
Rogers Corp. (A)	2,345	253,870
Samsung Electro-Mechanics Company, Ltd.	11,166	1,133,089
Samsung SDI Company, Ltd.	10,936	3,184,189
Sanmina Corp. (A)	8,677	230,895
ScanSource, Inc. (A)	3,262	80,408
Shimadzu Corp.	34,400	935,362
Sunny Optical Technology Group Company, Ltd.	91,350	1,227,642
SYNNEX Corp.	10,954	1,168,244
Synnex Technology International Corp.	163,544	242,143
TDK Corp.	20,200	1,895,255
TE Connectivity, Ltd.	45,159	3,669,169
Tech Data Corp. (A)(B)	13,975	1,903,954
Trimble, Inc. (A)	66,788	2,612,747
TTM Technologies, Inc. (A)(B)	12,541	145,099
Venture Corp., Ltd.	12,400	134,752
Vishay Intertechnology, Inc.	52,234	849,325
Vishay Precision Group, Inc. (A)	1,368	32,312
Walsin Technology Corp.	39,000	243,740
WPG Holdings, Ltd.	179,360	234,805
Yageo Corp.	31,726	393,715
Yokogawa Electric Corp.	35,700	516,374
Zebra Technologies Corp., Class A (A)	7,280	1,902,410
Zhen Ding Technology Holding, Ltd.	67,817	271,035
		91,758,564
IT services – 3.7%		
Accenture PLC, Class A	85,908	17,320,771
Adyen NV (A)(C)	1,720	2,255,404
Akamai Technologies, Inc. (A)	21,860	2,312,788
Alliance Data Systems Corp.	5,544	256,854
Amadeus IT Group SA	62,453	3,265,756
Atos SE (A)	5,398	410,836
Automatic Data Processing, Inc.	58,533	8,574,499
Brightcove, Inc. (A)	5,080	40,792
Broadridge Financial Solutions, Inc.	15,508	1,878,019
CACI International, Inc., Class A (A)	6,713	1,683,486
Capgemini SE	8,777	906,617
Cardtronics PLC, Class A (A)(B)	4,688	113,403
Cass Information Systems, Inc.	1,807	72,894
CGI, Inc. (A)	41,295	2,638,729
Cielo SA	121,224	92,912
Cognizant Technology Solutions Corp., Class A	74,072	3,925,816
Computershare, Ltd.	63,241	553,827
Conduent, Inc. (A)	22,573	53,949

Knowles Corp. (A)	10,328	155,333	CSG Systems International, Inc. (B)	4,153	196,645
Kyocera Corp.	50,000	2,708,480	DXC Technology Company	34,630	492,092
Largan Precision Company, Ltd.	12,590	1,612,862	Edenred	12,921	540,671
LG Display Company, Ltd. (A)	45,482	377,495	Endurance International Group Holdings, Inc. (A)	9,727	34,823
LG Innotek Company, Ltd.	2,868	343,626	EVERTEC, Inc.	7,688	223,875
Littelfuse, Inc.	6,530	1,061,060	Evo Payments, Inc., Class A (A)(B)	5,114	113,224
Methode Electronics, Inc.	4,603	144,304	ExlService Holdings, Inc. (A)	4,247	259,789
MTS Systems Corp.	2,526	44,483	Fidelity National Information Services, Inc.	83,332	11,568,982
Murata Manufacturing Company, Ltd.	89,197	5,017,134	Fiserv, Inc. (A)	77,258	8,248,837
Napco Security Technologies, Inc. (A)	1,488	33,807	FleetCor Technologies, Inc. (A)	11,739	2,861,851
National Instruments Corp.	31,621	1,224,365	Fujitsu, Ltd.	30,500	3,142,963
nLight, Inc. (A)	4,222	91,026	Gartner, Inc. (A)	12,101	1,472,692
Novanta, Inc. (A)	4,256	437,134	GDS Holdings, Ltd., ADR (A)(B)	7,900	450,300
Omron Corp.	28,867	1,916,875	Global Payments, Inc.	40,657	7,297,525
OSI Systems, Inc. (A)	2,143	162,375	GMO Payment Gateway, Inc.	6,300	710,619
PAR Technology Corp. (A)(B)	1,483	37,090			
PC Connection, Inc.	1,404	60,765			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
IT services (continued)		
GTT Communications, Inc. (A)(B)	4,442	\$ 35,492
I3 Verticals, Inc., Class A (A)(B)	1,884	54,372
IBM Corp.	119,804	14,963,520
International Money Express, Inc. (A)	2,416	26,648
Itochu Techno-Solutions Corp.	14,600	494,144
Jack Henry & Associates, Inc.	10,407	1,882,210
KBR, Inc. (B)	55,892	1,310,667
Leidos Holdings, Inc.	18,001	1,895,325
Limelight Networks, Inc. (A)	14,610	72,173
LiveRamp Holdings, Inc. (A)	26,643	1,343,606
ManTech International Corp., Class A	3,364	261,517
Mastercard, Inc., Class A	120,087	36,132,977
MAXIMUS, Inc.	25,187	1,813,968
NEC Corp.	38,500	1,731,047
NIC, Inc.	8,289	199,433
Nomura Research Institute, Ltd.	52,600	1,394,936
NTT Data Corp.	98,100	1,137,155
Obic Company, Ltd.	10,000	1,737,404
Otsuka Corp.	16,100	779,665
Paychex, Inc.	43,095	3,114,907
PayPal Holdings, Inc. (A)	158,838	24,621,478
Paysign, Inc. (A)(B)	3,837	27,703

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment (continued)		
Cohu, Inc. (B)	5,122	\$ 77,137
Cree, Inc. (A)(B)	28,875	1,521,424
Diodes, Inc. (A)(B)	5,242	254,971
Disco Corp.	4,200	940,939
DSP Group, Inc. (A)	2,828	50,961
Enphase Energy, Inc. (A)	32,931	1,916,255
First Solar, Inc. (A)(B)	20,346	948,531
FormFactor, Inc. (A)	9,544	240,222
Globalwafers Company, Ltd.	27,000	327,330
GSI Technology, Inc. (A)	2,209	16,634
Hua Hong Semiconductor, Ltd. (A)(B)(C)	57,100	107,297
Ichor Holdings, Ltd. (A)	2,817	64,087
Impinj, Inc. (A)(B)	2,145	55,448
Infineon Technologies AG	181,445	3,824,449
Inphi Corp. (A)	5,676	713,303
Intel Corp.	609,823	38,376,161
KLA Corp.	22,121	3,892,411
Lam Research Corp.	20,338	5,565,900
Lattice Semiconductor Corp. (A)	15,934	396,279

Perficient, Inc. (A)	4,040	137,522	MACOM Technology Solutions Holdings, Inc. (A)(B)	5,821	184,817
Perspecta, Inc.	54,557	1,209,529	Maxim Integrated Products, Inc.	37,935	2,188,091
PRGX Global, Inc. (A)	3,127	12,320	MaxLinear, Inc. (A)	8,423	145,886
Sabre Corp.	73,424	511,765	MediaTek, Inc.	186,752	2,883,365
Samsung SDS Company, Ltd.	6,903	1,066,095	Microchip Technology, Inc. (B)	33,502	3,216,862
Science Applications International Corp.	20,462	1,801,474	Micron Technology, Inc. (A)	155,196	7,435,440
Shopify, Inc., Class A (A)	17,605	13,361,439	MKS Instruments, Inc.	14,613	1,543,571
Sykes Enterprises, Inc. (A)	4,834	131,775	Monolithic Power Systems, Inc.	10,830	2,271,593
The Hackett Group, Inc.	3,109	42,873	Nanya Technology Corp.	152,196	304,585
The Western Union Company (B)	56,708	1,135,294	NeoPhotonics Corp. (A)	4,984	43,211
TravelSky Technology, Ltd., H Shares	118,900	240,846	Novatek Microelectronics Corp.	70,900	485,457
TTEC Holdings, Inc.	2,195	92,980	NVE Corp.	621	37,589
Tucows, Inc., Class A (A)(B)	1,209	72,625	NVIDIA Corp.	85,796	30,459,296
Unisys Corp. (A)(B)	6,422	72,954	NXP Semiconductors NV	46,100	4,430,210
VeriSign, Inc. (A)	13,976	3,060,884	Onto Innovation, Inc. (A)	6,089	189,246
Verra Mobility Corp. (A)	16,261	177,408	PDF Solutions, Inc. (A)	3,605	61,501
Virtusa Corp. (A)	3,665	110,207	Phison Electronics Corp.	18,884	174,052
Visa, Inc., Class A	231,567	45,211,141	Photronics, Inc. (A)	8,022	96,184
WEX, Inc. (A)	11,605	1,718,468	Power Integrations, Inc.	3,573	387,135
Wirecard AG (B)	16,997	1,802,868	Powertech Technology, Inc.	93,199	301,839
Wix.com, Ltd. (A)	5,600	1,245,048	Qorvo, Inc. (A)	16,286	1,705,796
Worldline SA (A)(C)	7,011	526,430	QUALCOMM, Inc.	160,074	12,946,785
		252,744,532	Rambus, Inc. (A)	14,019	217,855
Semiconductors and semiconductor equipment – 4.1%			Realtek Semiconductor Corp.	59,584	514,665
Adesto Technologies Corp. (A)	3,416	41,231	Renesas Electronics Corp. (A)	120,200	625,203
Advanced Energy Industries, Inc. (A)	4,816	321,853	Rohm Company, Ltd.	14,500	982,225
Advanced Micro Devices, Inc. (A)	163,973	8,821,747	Semiconductor Manufacturing International Corp. (A)	388,899	852,618
Advantest Corp. (B)	31,000	1,538,514	Semtech Corp. (A)	26,103	1,388,158
Alpha & Omega Semiconductor, Ltd. (A)	2,626	27,626	Silicon Laboratories, Inc. (A)	17,065	1,598,308
Ambarella, Inc. (A)	4,099	232,577	SiTime Corp. (A)	641	19,108
Amkor Technology, Inc. (A)	12,427	131,478	SK Hynix, Inc.	108,397	7,188,082
Analog Devices, Inc.	51,632	5,831,834	Skyworks Solutions, Inc.	23,885	2,831,328
Applied Materials, Inc.	129,500	7,275,310	SMART Global Holdings, Inc. (A)	1,693	45,339
ASE Technology Holding Company, Ltd.	428,422	881,650	SolarEdge Technologies, Inc. (A)(B)	13,032	1,849,241
ASM Pacific Technology, Ltd.	36,600	335,803	STMicroelectronics NV	37,875	940,623
ASML Holding NV	70,040	22,943,684	SUMCO Corp.	39,000	602,210
Axcelis Technologies, Inc. (A)	4,084	109,655	SunPower Corp. (A)(B)	9,480	68,446
AXT, Inc. (A)	5,011	26,508	Synaptics, Inc. (A)	13,292	846,966
Broadcom, Inc.	55,609	16,197,233	Taiwan Semiconductor Manufacturing Company, Ltd.	3,039,915	29,551,837
Brooks Automation, Inc.	9,165	366,325	Teradyne, Inc.	44,925	3,010,874
Cabot Microelectronics Corp.	11,467	1,661,110	Texas Instruments, Inc.	131,045	15,560,283
CEVA, Inc. (A)	2,759	95,103	Tokyo Electron, Ltd.	24,415	4,913,108
Cirrus Logic, Inc. (A)	22,847	1,655,951			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment (continued)		
Ultra Clean Holdings, Inc. (A)	4,975	\$ 103,132
United Microelectronics Corp.	1,382,774	713,736
Universal Display Corp.	11,367	1,666,402
Vanguard International Semiconductor Corp.	110,302	271,436
Veeco Instruments, Inc. (A)(B)	6,225	73,082
Win Semiconductors Corp.	42,000	362,502
Winbond Electronics Corp.	370,000	170,353
Xilinx, Inc.	35,252	3,241,421
Xinyi Solar Holdings, Ltd.	519,000	378,211
Xperi Corp. (B)	6,253	85,979
		279,950,173
Software – 5.0%		
8x8, Inc. (A)	12,278	178,522
A10 Networks, Inc. (A)	6,395	43,486
ACI Worldwide, Inc. (A)	45,573	1,256,903
Adobe, Inc. (A)	59,770	23,107,082
Agilysys, Inc. (A)(B)	2,644	50,844
Alarm.com Holdings, Inc. (A)	4,660	220,371
Altair Engineering, Inc., Class A (A)(B)	5,074	198,343
American Software, Inc., Class A	3,718	72,315
ANSYS, Inc. (A)	10,567	2,990,461
Appfolio, Inc., Class A (A)	1,985	314,642
Appian Corp. (A)(B)	4,303	245,099
Autodesk, Inc. (A)	27,168	5,715,604
Avaya Holdings Corp. (A)(B)	12,167	177,638
AVEVA Group PLC	5,746	291,942
Benefitfocus, Inc. (A)	3,896	49,596
Blackbaud, Inc.	19,374	1,135,510
BlackBerry, Ltd. (A)	91,061	423,278
Blackline, Inc. (A)	5,461	405,752
Bottomline Technologies DE, Inc. (A)	5,489	277,743
Box, Inc., Class A (A)	18,535	370,329
Cadence Design Systems, Inc. (A)	34,645	3,162,742
CDK Global, Inc.	32,544	1,279,305
Ceridian HCM Holding, Inc. (A)	27,019	1,860,799
ChannelAdvisor Corp. (A)	3,426	47,793
Check Point Software Technologies, Ltd. (A)(B)	14,000	1,535,380
Citrix Systems, Inc.	14,201	2,103,452
Cloudera, Inc. (A)(B)	31,330	321,133
CommVault Systems, Inc. (A)	16,563	670,139
Constellation Software, Inc.	3,442	3,912,683
Cornerstone OnDemand, Inc. (A)	7,230	279,440
CyberArk Software, Ltd. (A)	4,400	456,632
Dassault Systemes SE	7,136	1,218,343
Digimarc Corp. (A)	1,547	26,593

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
LogMeIn, Inc.	13,086	\$ 1,111,001
Manhattan Associates, Inc. (A)	17,131	1,514,380
Micro Focus International PLC	30,341	149,465
Microsoft Corp.	941,941	172,610,688
MicroStrategy, Inc., Class A (A)	1,031	128,339
Mitek Systems, Inc. (A)	5,063	47,238
MobileIron, Inc. (A)	12,704	57,422
Model N, Inc. (A)	4,200	134,904
Nice, Ltd. (A)	7,198	1,335,661
NortonLifeLock, Inc.	70,793	1,612,665
OneSpan, Inc. (A)	4,160	84,531
Open Text Corp. (B)	47,315	1,965,659
Oracle Corp.	267,496	14,383,260
Oracle Corp. Japan	5,800	678,586
Paycom Software, Inc. (A)	6,057	1,800,322
Paylocity Holding Corp. (A)	9,612	1,249,608
Ping Identity Holding Corp. (A)	1,742	49,316
Progress Software Corp.	5,698	230,199
PROS Holdings, Inc. (A)	4,238	165,070
PTC, Inc. (A)	27,865	2,128,329
Q2 Holdings, Inc. (A)	5,992	495,059
QAD, Inc., Class A	1,461	66,724
Qualys, Inc. (A)(B)	4,249	489,995
Rapid7, Inc. (A)	6,243	305,220
Rimini Street, Inc. (A)	2,862	13,194
Rosetta Stone, Inc. (A)	2,673	49,664
SailPoint Technologies Holdings, Inc. (A)	10,864	248,025
salesforce.com, Inc. (A)	109,519	19,142,826
SAP SE	142,341	18,165,886
SecureWorks Corp., Class A (A)	1,099	14,793
ServiceNow, Inc. (A)	23,287	9,033,726
SharpSpring, Inc. (A)	1,535	15,197
ShotSpotter, Inc. (A)	1,054	24,506
Sprout Social, Inc., Class A (A)	1,236	34,052
SPS Commerce, Inc. (A)(B)	4,426	301,676
SVMK, Inc. (A)	11,008	221,811
Synchronoss Technologies, Inc. (A)	5,538	15,091
Synopsys, Inc. (A)	18,561	3,357,871
Telenav, Inc. (A)	4,459	22,072
Temenos AG (B)	8,137	1,250,690
Tenable Holdings, Inc. (A)	4,800	150,096
Teradata Corp. (A)	30,159	645,704
The Sage Group PLC	96,350	826,216
TiVo Corp.	15,874	96,673
Trend Micro, Inc.	19,600	1,078,828
Tyler Technologies, Inc. (A)	10,451	3,922,365
Upland Software, Inc. (A)(B)	2,913	100,644
Varonis Systems, Inc. (A)(B)	3,798	320,513

Digital Turbine, Inc. (A)	9,948	63,866	Verint Systems, Inc. (A)	8,411	390,018
Domo, Inc., Class B (A)(B)	2,291	58,008	VirnetX Holding Corp. (B)	7,804	51,897
Ebix, Inc. (B)	2,975	66,670	WiseTech Global, Ltd.	18,532	252,668
eGain Corp. (A)	2,670	27,795	Workiva, Inc. (A)	4,667	207,868
Envestnet, Inc. (A)	6,113	443,865	Yext, Inc. (A)(B)	12,259	193,570
Everbridge, Inc. (A)	4,199	614,146	Zix Corp. (A)	6,910	46,435
Fair Isaac Corp. (A)	7,764	3,126,175	Zuora, Inc., Class A (A)	11,310	135,833
Five9, Inc. (A)	7,556	787,335			
ForeScout Technologies, Inc. (A)(B)	5,481	129,297			337,255,025
Fortinet, Inc. (A)	17,528	2,439,898	Technology hardware, storage and peripherals – 3.6%		
GTY Technology Holdings, Inc. (A)	5,516	20,685	3D Systems Corp. (A)(B)	14,617	107,727
Intelligent Systems Corp. (A)	852	27,290	Acer, Inc.	358,008	195,275
Intuit, Inc.	32,140	9,330,885	Advantech Company, Ltd.	42,764	424,312
j2 Global, Inc. (A)(B)	18,303	1,433,125	Apple, Inc.	563,911	179,289,863
Kingdee International Software Group Company, Ltd. (A)(B)	294,800	524,550	Asustek Computer, Inc.	88,354	620,330
Kingsoft Corp., Ltd.	105,000	342,686	Avid Technology, Inc. (A)	3,724	26,291
LivePerson, Inc. (A)	7,872	294,806	Brother Industries, Ltd.	35,000	662,336
			Canon, Inc.	155,296	3,188,937

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Technology hardware, storage and peripherals (continued)		
Catcher Technology Company, Ltd.	81,475	\$ 593,783
Chicony Electronics Company, Ltd.	72,224	207,220
Compal Electronics, Inc.	510,148	324,894
Diebold Nixdorf, Inc. (A)(B)	9,892	47,383
FUJIFILM Holdings Corp.	56,015	2,569,214
Hewlett Packard Enterprise Company	174,707	1,696,405
HP, Inc.	200,079	3,029,196
Immersion Corp. (A)	4,103	27,716
Inventec Corp.	306,495	249,248
Konica Minolta, Inc.	70,900	263,411
Legend Holdings Corp., H Shares (B)(C)	53,100	64,582
Lenovo Group, Ltd.	925,764	506,255
Lite-On Technology Corp.	260,018	417,281
Micro-Star International Company, Ltd.	83,300	281,054
NCR Corp. (A)	34,207	617,436
NetApp, Inc.	30,814	1,372,456
Pegatron Corp.	243,500	524,101
Quanta Computer, Inc.	333,000	777,892
Ricoh Company, Ltd.	104,400	773,829

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Chemicals (continued)		
Formosa Chemicals & Fibre Corp.	434,471	\$ 1,043,866
Formosa Plastics Corp.	553,040	1,531,470
FutureFuel Corp.	3,249	42,497
GCP Applied Technologies, Inc. (A)	6,904	139,047
Givaudan SA	1,149	4,137,636
Hawkins, Inc.	1,240	53,196
HB Fuller Company	6,452	242,724
Hitachi Chemical Company, Ltd.	16,100	690,401
ICL Group, Ltd.	84,565	294,860
Incitec Pivot, Ltd.	214,927	288,183
Indorama Ventures PCL, NVDR	175,100	157,452
Ingevity Corp. (A)	16,543	871,320
Innospec, Inc.	3,070	236,666
International Flavors & Fragrances, Inc. (B)	19,477	2,594,142
Intrepid Potash, Inc. (A)	13,340	16,408
Johnson Matthey PLC	17,491	461,173
JSR Corp.	30,000	591,002
Kaneka Corp.	500	13,410
Kansai Paint Company, Ltd.	27,300	565,892
KCC Corp.	962	112,004

Samsung Electronics Company, Ltd.	947,442	39,021,412	Koninklijke DSM NV	29,806	3,812,627
Seagate Technology PLC	31,213	1,655,538	Koppers Holdings, Inc. (A)	2,433	40,315
Seiko Epson Corp.	43,769	495,958	Kraton Corp. (A)	3,998	60,970
Stratsys, Ltd. (A)(B)	6,582	117,555	Kronos Worldwide, Inc.	2,890	28,206
Western Digital Corp.	40,154	1,781,633	Kumho Petrochemical Company, Ltd.	3,735	214,905
Wistron Corp.	356,580	339,958	Kuraray Company, Ltd.	49,600	522,194
Wiwynn Corp.	10,000	267,965	LANXESS AG	12,174	631,877
Xerox Holdings Corp.	25,100	398,588	LG Chem, Ltd.	9,113	2,888,443
Xiaomi Corp., Class B (A)(C)	1,339,900	2,097,468	Linde PLC	97,988	19,826,892
		245,034,502	Livent Corp. (A)(B)	18,715	126,139
		1,257,531,402	Lotte Chemical Corp.	3,432	523,363
Materials – 4.7%			LyondellBasell Industries NV, Class A	46,830	2,985,881
Chemicals – 2.5%			Methanex Corp.	12,836	207,990
Advanced Emissions Solutions, Inc.	2,038	10,272	Minerals Technologies, Inc.	13,721	676,583
AdvanSix, Inc. (A)	3,625	42,920	Mitsubishi Chemical Holdings Corp.	199,250	1,173,656
Air Liquide SA	25,996	3,534,935	Mitsubishi Gas Chemical Company, Inc.	25,400	379,631
Air Products & Chemicals, Inc.	40,210	9,716,747	Mitsui Chemicals, Inc.	28,700	598,489
Air Water, Inc.	28,100	409,060	Nan Ya Plastics Corp.	637,610	1,338,772
Akzo Nobel NV	33,384	2,741,420	NewMarket Corp.	1,980	863,537
Albemarle Corp. (B)	19,341	1,479,973	Nippon Paint Holdings Company, Ltd.	22,700	1,588,500
American Vanguard Corp.	3,688	49,050	Nissan Chemical Corp.	19,400	860,753
Amyris, Inc. (A)(B)	7,830	29,206	Nitto Denko Corp.	24,744	1,343,613
Arkema SA	3,808	333,925	Novozymes A/S, B Shares	34,812	1,901,422
Asahi Kasei Corp.	196,000	1,557,763	Nutrien, Ltd.	98,573	3,364,877
Ashland Global Holdings, Inc.	16,146	1,084,365	OCI Company, Ltd. (A)	3,773	120,662
Balchem Corp.	4,070	409,646	Olin Corp.	42,805	514,944
Barito Pacific Tbk PT (A)	2,638,300	244,364	Orbia Advance Corp. SAB de CV	141,080	205,056
BASF SE	133,145	7,246,789	Orica, Ltd.	53,040	609,134
Cabot Corp.	15,275	545,623	Orion Engineered Carbons SA	7,686	85,007
Celanese Corp.	22,048	1,982,336	Petronas Chemicals Group BHD	250,645	364,206
CF Industries Holdings, Inc.	39,659	1,164,785	PolyOne Corp.	35,844	888,214
Chase Corp.	920	91,678	PPG Industries, Inc.	43,133	4,385,332
Chr. Hansen Holding A/S	17,184	1,668,825	PQ Group Holdings, Inc. (A)	4,907	61,583
Clariant AG (A)	24,895	459,726	PTT Global Chemical PCL, NVDR	233,900	317,092
Corteva, Inc.	136,518	3,728,307	Quaker Chemical Corp. (B)	1,662	283,953
Covestro AG (C)	25,149	934,964	Rayonier Advanced Materials, Inc.	7,135	15,483
Croda International PLC	11,474	738,199	RPM International, Inc.	34,765	2,599,727
Daicel Corp.	38,800	329,298	Sasol, Ltd. (A)	70,617	369,738
Dow, Inc.	135,256	5,220,882	Sensient Technologies Corp.	16,708	837,405
DuPont de Nemours, Inc.	135,132	6,855,246	Shin-Etsu Chemical Company, Ltd.	55,137	6,457,256
Eastman Chemical Company	24,803	1,688,588	Showa Denko KK (B)	21,100	506,606
Ecolab, Inc.	45,744	9,724,260	Sika AG	15,956	2,741,081
EMS-Chemie Holding AG	995	739,308	Sinopec Shanghai Petrochemical Company, Ltd., H Shares	416,199	103,609
Evonik Industries AG	30,402	751,238			
Ferro Corp. (A)	10,400	125,008			
FMC Corp.	23,643	2,326,708			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Chemicals (continued)		
Solvay SA	4,140	\$ 316,131
Stepan Company	2,573	249,993
Sumitomo Chemical Company, Ltd.	234,900	729,972
Symrise AG	18,438	2,029,979
Taiyo Nippon Sanso Corp.	20,200	339,582
Teijin, Ltd.	28,000	458,902
The Chemours Company (B)	43,832	574,638
The Mosaic Company	63,775	771,040
The Scotts Miracle-Gro Company	10,622	1,514,379
The Sherwin-Williams Company	14,986	8,899,436
Toray Industries, Inc.	216,200	1,052,516
Tosoh Corp.	41,500	578,712
Trecora Resources (A)	2,915	18,627
Tredegar Corp.	3,316	50,768
Trinseo SA (B)	4,986	102,612
Tronox Holdings PLC, Class A	11,663	77,442
Umicore SA	10,969	487,408
Valvoline, Inc.	50,505	926,767
Yara International ASA	11,087	381,392
		169,034,782
Construction materials – 0.3%		
Anhui Conch Cement Company, Ltd., H Shares	157,610	1,188,457
Asia Cement Corp.	272,687	396,212
BBMG Corp., H Shares	282,000	59,066
Boral, Ltd.	151,280	314,864
Cemex SAB de CV	2,000,688	473,680
China National Building Material Company, Ltd., H Shares	498,900	565,997
China Resources Cement Holdings, Ltd.	311,900	394,060
CRH PLC	110,772	3,567,047
Eagle Materials, Inc.	11,160	745,042
Fletcher Building, Ltd.	50,827	111,091
Forterra, Inc. (A)	2,398	21,150
Grupo Argos SA	43,111	100,554
HeidelbergCement AG	21,690	1,084,960
Indocement Tunggul Prakarsa Tbk PT (A)	184,520	153,163
James Hardie Industries PLC, CHESS Depository Interest	57,236	988,751
LafargeHolcim, Ltd. (A)	62,037	2,586,665
Martin Marietta Materials, Inc.	11,401	2,190,018
POSCO Chemical Company, Ltd.	4,831	217,665
Semen Indonesia Persero Tbk PT	298,092	200,371
Summit Materials, Inc., Class A (A)(B)	14,438	219,313
Taiheiyo Cement Corp.	19,100	452,708
Taiwan Cement Corp.	608,367	863,699
The Siam Cement PCL, NVDR	80,500	869,731

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Containers and packaging (continued)		
Sealed Air Corp.	28,182	\$ 904,642
Silgan Holdings, Inc.	20,786	695,084
Smurfit Kappa Group PLC	31,601	1,031,952
Sonoco Products Company	26,834	1,390,270
Toyo Seikan Group Holdings, Ltd.	22,500	239,598
UFP Technologies, Inc. (A)	854	38,609
Westrock Company	47,044	1,320,055
		22,572,663
Metals and mining – 1.5%		
1911 Gold Corp. (A)	2,060	731
Agnico Eagle Mines, Ltd.	40,699	2,603,897
Allegheny Technologies, Inc. (A)	49,817	432,412
Alumina, Ltd.	314,770	311,622
Aluminum Corp. of China, Ltd., H Shares (A)	496,880	92,123
Anglo American Platinum, Ltd.	6,561	416,017
Anglo American PLC	91,753	1,942,322
AngloGold Ashanti, Ltd.	51,065	1,244,342
Antofagasta PLC	35,316	385,611
ArcelorMittal SA (A)	36,427	348,879
Barrick Gold Corp.	302,401	7,272,032
BHP Group PLC	187,399	3,685,357
BHP Group, Ltd.	383,121	9,017,071
BlueScope Steel, Ltd.	65,858	485,215
Boliden AB	39,740	868,374
Carpenter Technology Corp.	18,792	439,169
Century Aluminum Company (A)	6,602	39,348
China Hongqiao Group, Ltd.	223,300	99,074
China Molybdenum Company, Ltd., H Shares	463,500	143,723
China Steel Corp.	1,442,958	952,059
China Zhongwang Holdings, Ltd.	198,600	37,642
Cia de Minas Buenaventura SAA, ADR (B)	33,200	260,620
Cia Siderurgica Nacional SA	60,866	117,710
Cleveland-Cliffs, Inc. (B)	50,044	261,230
Coeur Mining, Inc. (A)	30,309	174,277
Commercial Metals Company	46,667	800,806
Compass Minerals International, Inc.	13,394	645,323
Eregli Demir ve Celik Fabrikalari TAS	89,447	105,471
Evraz PLC	45,043	157,826
First Quantum Minerals, Ltd.	118,431	694,148
Fortescue Metals Group, Ltd.	180,832	1,674,036
Franco-Nevada Corp.	32,104	4,506,242
Freeport-McMoRan, Inc.	264,660	2,400,466
Glencore PLC (A)	945,441	1,785,515
Gold Fields, Ltd.	101,600	784,164
Gold Resource Corp.	7,849	30,611
Grupo Mexico SAB de CV, Series B	464,300	1,000,230

U.S. Concrete, Inc. (A)	2,083	43,451	Haynes International, Inc.	1,627	37,144
United States Lime & Minerals, Inc.	262	19,430	Hecla Mining Company	65,879	218,718
Vulcan Materials Company	24,143	2,615,170	Hitachi Metals, Ltd.	33,200	382,510
		20,442,315	Hyundai Steel Company	16,338	290,117
Containers and packaging – 0.3%			Impala Platinum Holdings, Ltd.	99,567	664,445
Arcor PLC	295,541	3,017,474	Industrias Penoles SAB de CV	17,360	164,170
AptarGroup, Inc.	17,138	1,909,002	JFE Holdings, Inc.	75,300	554,478
Avery Dennison Corp.	15,231	1,685,615	Jiangxi Copper Company, Ltd., H Shares	152,825	140,537
Ball Corp.	59,672	4,252,227	Kaiser Aluminum Corp.	2,008	144,074
CCL Industries, Inc., Class B	26,254	884,572	KGHM Polska Miedz SA (A)	10,222	219,142
Greif, Inc., Class A	10,236	347,819	Kinross Gold Corp. (A)	213,819	1,389,897
Greif, Inc., Class B	795	30,480	Kirkland Lake Gold, Ltd.	46,275	1,782,975
International Paper Company	71,526	2,435,460	Korea Zinc Company, Ltd.	1,688	516,982
Klabin SA	69,642	257,228	Kumba Iron Ore, Ltd.	8,006	216,218
Myers Industries, Inc.	4,559	62,048	Lundin Mining Corp. (B)	117,791	542,394
O-I Glass, Inc.	41,721	319,583			
Packaging Corp. of America	17,266	1,750,945			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Metals and mining (continued)		
Maanshan Iron & Steel Company, Ltd., H Shares	90,500	\$ 26,048
Maruichi Steel Tube, Ltd.	8,400	215,497
Materion Corp.	2,578	135,345
Mitsubishi Materials Corp.	17,000	387,819
Newcrest Mining, Ltd.	99,691	2,020,030
Newmont Corp.	149,548	8,744,072
Nippon Steel Corp.	123,778	1,142,902
Norsk Hydro ASA (A)	82,402	209,474
Northam Platinum, Ltd. (A)	43,687	274,105
Novagold Resources, Inc. (A)	29,145	278,626
Nucor Corp.	55,309	2,337,358
Olympic Steel, Inc.	1,274	14,052
POSCO	15,651	2,302,602
Press Metal Aluminium Holdings BHD	145,300	126,087
Reliance Steel & Aluminum Company	17,870	1,733,390
Rio Tinto PLC	99,744	5,409,553
Rio Tinto, Ltd.	48,354	3,020,149
Royal Gold, Inc.	17,584	2,342,189
Ryerson Holding Corp. (A)	2,118	10,569
Schnitzer Steel Industries, Inc., Class A	3,344	52,501

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Real estate – 3.2%		
Equity real estate investment trusts – 2.5%		
Acadia Realty Trust	10,947	\$ 128,408
Agree Realty Corp.	5,187	325,588
Alexander & Baldwin, Inc.	8,827	100,716
Alexander's, Inc.	268	69,637
Alexandria Real Estate Equities, Inc.	16,665	2,561,744
American Assets Trust, Inc.	6,163	161,286
American Campus Communities, Inc.	36,836	1,189,803
American Finance Trust, Inc.	13,563	99,281
American Tower Corp.	60,209	15,544,158
Apartment Investment & Management Company, A Shares	20,235	746,064
Armada Hoffer Properties, Inc.	7,156	61,685
Ascendas Real Estate Investment Trust	128,500	285,980
Ashford Hospitality Trust, Inc.	15,477	10,679
AvalonBay Communities, Inc.	18,984	2,961,694
Bluerock Residential Growth REIT, Inc.	3,263	20,981
Boston Properties, Inc.	19,547	1,680,651
Braemar Hotels & Resorts, Inc.	4,401	14,963
Brixmor Property Group, Inc.	79,847	891,093
BRT Apartments Corp.	1,391	15,690

Sibanye Stillwater, Ltd. (A)	282,262	518,343	Camden Property Trust	25,959	2,377,066
South32, Ltd.	638,490	807,284	Canadian Apartment Properties REIT (B)	14,850	506,271
Southern Copper Corp. (B)	13,200	479,160	CapitaLand Commercial Trust	116,000	144,114
Steel Dynamics, Inc.	57,759	1,534,079	CapitaLand Mall Trust	114,400	165,063
Sumitomo Metal Mining Company, Ltd.	36,100	1,006,341	CareTrust REIT, Inc.	12,115	225,702
SunCoke Energy, Inc.	9,312	31,754	CatchMark Timber Trust, Inc., Class A	6,459	50,703
Synalloy Corp. (A)	1,246	11,638	Chatham Lodging Trust	6,139	41,438
Teck Resources, Ltd., Class B	84,456	802,327	CIM Commercial Trust Corp.	1,676	16,592
thyssenkrupp AG (A)(B)	58,138	395,129	City Office REIT, Inc.	6,792	63,030
TimkenSteel Corp. (A)	5,590	19,565	Clipper Realty, Inc.	2,080	15,350
United States Steel Corp. (B)	45,584	366,495	Community Healthcare Trust, Inc.	2,413	87,881
Vale SA	319,871	3,176,951	CoreCivic, Inc.	46,951	564,821
voestalpine AG	23,859	465,956	CorEnergy Infrastructure Trust, Inc.	1,733	17,330
Warrior Met Coal, Inc.	6,489	91,365	CorePoint Lodging, Inc.	5,774	22,865
Wheaton Precious Metals Corp.	76,160	3,281,266	CoreSite Realty Corp.	10,805	1,348,680
Worthington Industries, Inc.	14,802	442,876	Corporate Office Properties Trust	30,041	750,124
Zhaojin Mining Industry Company, Ltd., H Shares	126,600	153,350	Cousins Properties, Inc.	39,344	1,224,385
Zijin Mining Group Company, Ltd., H Shares	710,329	283,677	Covivio	2,494	145,717
		98,129,420	Crown Castle International Corp.	56,515	9,729,622
			CyrusOne, Inc.	30,347	2,255,996
Paper and forest products – 0.1%			Daiwa House REIT Investment Corp.	300	739,825
Boise Cascade Company (B)	4,908	167,019	Dexus	141,956	853,952
Clearwater Paper Corp. (A)	2,049	59,360	DiamondRock Hospitality Company	25,691	153,889
Domtar Corp.	15,354	313,222	Digital Realty Trust, Inc.	35,730	5,129,399
Empresas CMPC SA	169,907	346,013	Diversified Healthcare Trust	30,344	108,632
Indah Kiat Pulp & Paper Corp. Tbk PT	274,900	99,156	Douglas Emmett, Inc.	44,187	1,297,330
Lee & Man Paper Manufacturing, Ltd.	172,500	93,357	Duke Realty Corp.	49,962	1,722,690
Louisiana-Pacific Corp.	45,735	1,079,803	Easterly Government Properties, Inc.	9,300	233,151
Mondi PLC	43,885	825,711	EastGroup Properties, Inc.	15,133	1,759,211
Neenah, Inc.	2,130	107,693	EPR Properties	21,033	664,012
Nine Dragons Paper Holdings, Ltd.	212,200	186,587	Equinix, Inc.	11,986	8,361,793
Oji Holdings Corp.	133,900	673,529	Equity Residential	47,449	2,873,511
Pabrik Kertas Tjiwi Kimia Tbk PT	139,500	38,018	Essential Properties Realty Trust, Inc.	11,594	158,142
PH Glatfelter Company	5,563	85,726	Essex Property Trust, Inc.	8,982	2,180,560
Schweitzer-Mauduit International, Inc.	3,888	118,156	Extra Space Storage, Inc.	17,604	1,703,187
Stora Enso OYJ, R Shares	76,027	933,097	Farmland Partners, Inc.	3,699	25,523
Suzano SA (A)	54,567	387,142	Federal Realty Investment Trust	9,548	762,981
UPM-Kymmene OYJ	69,679	2,010,503	Fibra Uno Administracion SA de CV	419,700	321,951
Verso Corp., Class A (A)(B)	4,426	63,646	First Capital Real Estate Investment Trust	20,660	196,419
West Fraser Timber Company, Ltd.	9,521	257,655	First Industrial Realty Trust, Inc.	49,883	1,889,568
		7,845,393	Fortress REIT, Ltd., Class A	133,482	84,370
		318,024,573	Four Corners Property Trust, Inc.	8,857	191,488
			Franklin Street Properties Corp.	13,333	71,198

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Front Yard Residential Corp.	6,309	\$ 47,318
Gecina SA	2,456	315,560
Getty Realty Corp.	4,185	111,405
Gladstone Commercial Corp.	4,169	74,708
Gladstone Land Corp.	2,394	34,713
Global Medical REIT, Inc.	4,879	52,303
Global Net Lease, Inc.	11,407	160,040
Goodman Group	214,161	2,200,138
Growthpoint Properties, Ltd.	371,463	264,773
H&R Real Estate Investment Trust	26,273	185,095
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	7,986	231,674
Healthcare Realty Trust, Inc.	52,510	1,612,057
Healthpeak Properties, Inc.	67,274	1,657,631
Hersha Hospitality Trust	4,775	24,066
Highwoods Properties, Inc.	27,812	1,064,365
Host Hotels & Resorts, Inc.	97,480	1,163,911
Hudson Pacific Properties, Inc.	44,667	1,079,601
ICADE	1,434	102,803
Independence Realty Trust, Inc.	11,436	113,102
Industrial Logistics Properties Trust	8,100	151,875
Innovative Industrial Properties, Inc.	2,053	167,771
Investors Real Estate Trust	1,464	103,798
Iron Mountain, Inc.	39,029	1,005,387
iStar, Inc.	7,507	82,052
Japan Prime Realty Investment Corp.	119	362,586
Japan Real Estate Investment Corp.	202	1,099,473
Japan Retail Fund Investment Corp.	403	531,504
JBG SMITH Properties	31,642	940,717
Jernigan Capital, Inc.	2,930	35,365
Kilroy Realty Corp.	26,146	1,493,460
Kimco Realty Corp.	57,392	637,625
Kite Realty Group Trust	10,515	101,996
Klepierre SA	10,495	199,603
Lamar Advertising Company, Class A	23,058	1,528,745
Land Securities Group PLC	62,058	466,683
Lexington Realty Trust	30,263	294,156
Life Storage, Inc.	12,506	1,219,085
Link REIT	252,825	1,909,254
LTC Properties, Inc.	4,963	182,688
Mack-Cali Realty Corp.	35,300	536,913
Mapletree Commercial Trust	93,700	133,309
Medical Properties Trust, Inc.	138,716	2,507,985
Mid-America Apartment Communities, Inc.	15,505	1,804,162
Mirvac Group	509,557	799,434
Monmouth Real Estate Investment Corp.	11,916	154,670
National Health Investors, Inc.	5,368	297,870

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Equity real estate investment trusts (continued)		
Piedmont Office Realty Trust, Inc., Class A	15,751	\$ 262,727
PotlatchDeltic Corp.	26,385	896,826
Preferred Apartment Communities, Inc., Class A	6,079	42,492
Prologis, Inc.	100,350	9,182,025
PS Business Parks, Inc.	7,877	1,052,682
Public Storage	20,420	4,139,951
QTS Realty Trust, Inc., Class A	7,249	497,281
Rayonier, Inc.	37,120	881,600
Realty Income Corp.	46,584	2,576,561
Redefine Properties, Ltd.	682,260	75,177
Regency Centers Corp.	22,779	974,713
Retail Opportunity Investments Corp.	14,617	137,254
Retail Value, Inc.	2,047	23,725
Rexford Industrial Realty, Inc.	14,312	569,618
RioCan Real Estate Investment Trust	31,548	333,616
RLJ Lodging Trust	21,539	222,067
RPT Realty	9,995	57,671
Ryman Hospitality Properties, Inc.	6,220	212,600
Sabra Health Care REIT, Inc.	80,625	1,085,213
Safehold, Inc.	1,574	86,239
Saul Centers, Inc.	1,569	47,666
SBA Communications Corp.	15,306	4,808,074
Scentre Group	680,815	1,014,863
Segro PLC	96,970	1,007,667
Seritage Growth Properties, Class A (A)	4,512	35,509
Service Properties Trust	44,116	297,783
Simon Property Group, Inc.	41,712	2,406,782
SL Green Realty Corp.	11,079	466,647
SmartCentres Real Estate Investment Trust	14,967	218,496
Spirit Realty Capital, Inc.	26,736	760,104
STAG Industrial, Inc.	18,875	507,738
Stockland	307,415	733,968
STORE Capital Corp.	57,281	1,107,815
Summit Hotel Properties, Inc.	13,305	83,156
Sunstone Hotel Investors, Inc.	28,361	250,995
Suntec Real Estate Investment Trust	78,100	81,600
Tanger Factory Outlet Centers, Inc.	11,487	70,645
Taubman Centers, Inc.	16,412	678,472
Terreno Realty Corp.	8,265	423,085
The British Land Company PLC	77,839	394,525
The GEO Group, Inc.	47,506	569,122
The GPT Group	251,238	669,101
The Macerich Company	29,539	201,161
UDR, Inc.	39,833	1,473,024
UMH Properties, Inc.	4,650	58,032

National Retail Properties, Inc.	46,013	1,444,348	Unibail-Rodamco-Westfield	7,490	397,253
National Storage Affiliates Trust	7,462	223,935	United Urban Investment Corp.	456	482,787
New Senior Investment Group, Inc.	11,027	31,978	Uniti Group, Inc.	23,482	193,727
NexPoint Residential Trust, Inc.	2,514	80,398	Universal Health Realty Income Trust	1,607	150,078
Nippon Building Fund, Inc.	206	1,288,354	Urban Edge Properties	45,519	443,810
Nippon Prologis REIT, Inc.	303	853,944	Urstadt Biddle Properties, Inc., Class A	3,813	48,654
Nomura Real Estate Master Fund, Inc.	632	775,871	Ventas, Inc.	50,667	1,770,812
Office Properties Income Trust	6,048	152,954	Vicinity Centres	413,038	444,323
Omega Healthcare Investors, Inc.	58,576	1,824,057	Vornado Realty Trust	21,534	779,746
One Liberty Properties, Inc.	2,068	32,778	Washington Prime Group, Inc.	26,712	17,112
Orix JREIT, Inc.	401	579,589	Washington Real Estate Investment Trust	10,406	228,204
Park Hotels & Resorts, Inc.	64,175	630,840	Weingarten Realty Investors	32,425	579,759
Pebblebrook Hotel Trust	51,635	705,334	Welltower, Inc.	55,155	2,794,704
Pennsylvania Real Estate Investment Trust	10,793	12,196	Weyerhaeuser Company	101,287	2,044,985
Physicians Realty Trust	76,628	1,323,366	Whitestone REIT	5,109	31,420
			Xenia Hotels & Resorts, Inc.	14,524	130,716
					169,523,162

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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Real estate management and development – 0.7%		
Aeon Mall Company, Ltd.	15,900	\$ 223,408
Agile Group Holdings, Ltd.	174,600	181,210
Altisource Portfolio Solutions SA (A)	835	11,882
Aroundtown SA	176,361	969,997
Ayala Land, Inc.	1,008,070	638,369
Azrieli Group, Ltd.	5,196	273,981
BR Malls Participacoes SA	80,419	147,838
Bumi Serpong Damai Tbk PT (A)	830,200	36,200
CapitaLand, Ltd. (A)	117,800	241,886
CBRE Group, Inc., Class A (A)	45,505	2,001,310
Central Pattana PCL, NVDR	237,100	369,057
China Aoyuan Group, Ltd.	156,000	167,274
China Evergrande Group (B)	239,035	503,822
China Jinmao Holdings Group, Ltd.	670,400	468,040
China Overseas Land & Investment, Ltd.	494,297	1,515,900
China Resources Land, Ltd.	410,705	1,637,813
China Vanke Company, Ltd., H Shares	189,500	618,621
CIFI Holdings Group Company, Ltd.	350,700	254,769
City Developments, Ltd.	20,800	113,786

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Real estate management and development (continued)		
Robinsons Land Corp.	288,700	\$ 84,471
Ruentex Development Company, Ltd.	70,080	106,964
Seazen Group, Ltd. (A)	278,800	260,427
Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., B Shares	133,451	94,504
Shenzhen Investment, Ltd.	372,900	115,582
Shimao Property Holdings, Ltd.	148,200	621,527
Shui On Land, Ltd.	480,400	79,695
Sino Land Company, Ltd.	374,075	439,075
Sino-Ocean Group Holding, Ltd.	383,358	89,306
SM Prime Holdings, Inc. (A)	1,378,100	822,598
SOHO China, Ltd. (A)	261,500	88,699
Sumitomo Realty & Development Company, Ltd.	51,783	1,433,919
Sun Hung Kai Properties, Ltd.	193,500	2,266,400
Sunac China Holdings, Ltd.	313,700	1,326,012
Swire Pacific, Ltd., Class A	61,000	320,938
Swire Properties, Ltd.	141,400	317,267
Swiss Prime Site AG	9,362	874,964

CK Asset Holdings, Ltd.	314,698	1,728,495	Tejon Ranch Company (A)	2,772	39,750
Country Garden Holdings Company, Ltd.	986,167	1,234,427	The RMR Group, Inc., Class A	1,949	52,545
CTO Realty Growth, Inc.	670	27,993	The St. Joe Company (A)(B)	4,247	81,755
Cushman & Wakefield PLC (A)(B)	14,357	147,159	The Wharf Holdings, Ltd. (B)	139,125	250,002
Daito Trust Construction Company, Ltd.	11,100	1,174,505	Tokyu Fudosan Holdings Corp.	96,200	486,428
Daiwa House Industry Company, Ltd.	88,100	2,185,990	UOL Group, Ltd.	21,700	105,465
Dalian Wanda Commercial Properties Company, Ltd., H Shares (A)(C)	37,400	254,753	Vonovia SE	74,161	4,265,593
Deutsche Wohnen SE	51,794	2,319,247	Wharf Real Estate Investment Company, Ltd. (B)	146,125	566,655
eXp World Holdings, Inc. (A)	2,653	28,361	Wheelock & Company, Ltd.	100,000	678,830
Forestar Group, Inc. (A)	2,212	33,556	Yuexiu Property Company, Ltd.	871,500	157,358
FRP Holdings, Inc. (A)	924	36,544	Yuzhou Properties Company, Ltd.	238,600	98,386
Guangzhou R&F Properties Company, Ltd., H Shares	167,800	208,509	Zhenro Properties Group, Ltd.	189,000	120,475
Hang Lung Properties, Ltd.	242,000	512,182			50,437,294
Henderson Land Development Company, Ltd.	173,376	623,776	Utilities – 2.8%		219,960,456
Highwealth Construction Corp.	88,687	131,235	Electric utilities – 1.6%		
Hongkong Land Holdings, Ltd.	141,800	535,036	ALLETE, Inc.	20,406	1,198,444
Hulic Company, Ltd.	46,600	471,864	Alliant Energy Corp.	24,537	1,211,146
Jones Lang LaSalle, Inc.	13,816	1,414,758	American Electric Power Company, Inc.	50,427	4,298,902
Kaisa Group Holdings, Ltd.	320,800	118,305	AusNet Services	234,562	275,031
Kennedy-Wilson Holdings, Inc.	15,616	218,936	Centrais Eletricas Brasileiras SA	26,200	140,567
Kerry Properties, Ltd.	79,768	189,713	CEZ AS	22,122	435,294
KWG Group Holdings, Ltd. (A)	163,000	228,874	Chubu Electric Power Company, Inc.	99,400	1,339,888
Land & Houses PCL, NVDR	870,500	200,375	CK Infrastructure Holdings, Ltd.	80,000	401,994
Lendlease Group	73,369	634,252	CLP Holdings, Ltd.	198,000	1,943,517
Logan Property Holdings Company, Ltd.	176,500	265,268	Duke Energy Corp.	74,427	6,373,184
Longfor Group Holdings, Ltd. (C)	228,800	1,046,333	Edison International	36,610	2,127,407
Marcus & Millichap, Inc. (A)	2,940	81,056	EDP - Energias de Portugal SA	330,758	1,545,164
Maui Land & Pineapple Company, Inc. (A)	994	10,447	El Paso Electric Company	5,086	345,695
Megaworld Corp.	1,603,700	90,481	Electricite de France SA	33,899	302,478
Mitsubishi Estate Company, Ltd.	183,800	2,921,386	Emera, Inc. (B)	41,836	1,663,291
Mitsui Fudosan Company, Ltd.	137,004	2,635,600	Endesa SA	45,804	1,094,089
Multiplan Empreendimentos Imobiliarios SA	27,901	108,178	Enel Americas SA	5,756,609	837,887
NEPI Rockcastle PLC	48,617	248,599	Enel Chile SA	4,154,047	311,346
New World Development Company, Ltd.	736,257	748,310	Enel SpA	825,422	6,381,934
Newmark Group, Inc., Class A	18,322	77,869	Energisa SA	16,200	144,201
Nomura Real Estate Holdings, Inc.	19,700	363,623	Energy Corp.	20,325	2,069,492
Pakuwon Jati Tbk PT	1,752,700	43,588	Equatorial Energia SA (A)	85,290	320,459
Rafael Holdings, Inc., Class B (A)	1,392	24,068	Evergy, Inc.	23,267	1,435,341
RE/MAX Holdings, Inc., Class A (B)	2,289	64,069	Eversource Energy	33,052	2,766,452
Realogy Holdings Corp. (B)	14,598	88,464	Exelon Corp.	99,244	3,802,038
Redfin Corp. (A)(B)	11,349	340,357	FirstEnergy Corp.	55,152	2,330,724
			Fortis, Inc.	76,417	2,942,125
			Fortum OYJ	58,154	1,119,959

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electric utilities (continued)		
Genie Energy, Ltd., B Shares	1,943	\$ 16,729
Hawaiian Electric Industries, Inc.	29,214	1,152,784
HK Electric Investments & HK Electric Investments, Ltd.	293,500	291,127
Hydro One, Ltd. (C)	58,324	1,130,177
Iberdrola SA	890,796	9,645,075
IDACORP, Inc.	13,511	1,259,631
Interconexion Electrica SA ESP	65,453	343,935
Korea Electric Power Corp. (A)	50,812	890,990
Kyushu Electric Power Company, Inc. (B)	57,600	480,082
Manila Electric Company	30,130	168,759
Mercury NZ, Ltd.	42,462	122,990
MGE Energy, Inc.	4,424	300,345
NextEra Energy, Inc.	49,898	12,751,933
NRG Energy, Inc.	25,682	925,836
OGE Energy Corp.	53,664	1,680,756
Orsted A/S (C)	30,906	3,634,691
Otter Tail Corp.	4,992	214,207
PGE Polska Grupa Energetyczna SA (A)	59,267	71,480
Pinnacle West Capital Corp.	11,475	893,903
PNM Resources, Inc.	31,410	1,282,156
Portland General Electric Company	11,306	532,626
Power Assets Holdings, Ltd.	167,500	937,934
PPL Corp.	78,385	2,190,077
Red Electrica Corp. SA	61,764	1,087,550
Spark Energy, Inc., Class A	1,613	13,259
SSE PLC	91,763	1,410,408
Tenaga Nasional BHD	323,136	838,440
Terna Rete Elettrica Nazionale SpA	138,300	939,571
The Chugoku Electric Power Company, Inc.	41,900	576,273
The Kansai Electric Power Company, Inc.	109,200	1,089,703
The Southern Company	107,065	6,110,200
Tohoku Electric Power Company, Inc.	64,900	673,680
Tokyo Electric Power Company Holdings, Inc. (A)	238,700	806,957
Verbund AG	13,968	622,766
Xcel Energy, Inc.	53,534	3,481,316
		107,726,395
Gas utilities – 0.3%		
AltaGas, Ltd. (B)	49,190	528,037
APA Group	153,161	1,186,963
Atmos Energy Corp.	12,183	1,252,169

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Gas utilities (continued)		
Snam SpA	200,648	\$ 939,908
South Jersey Industries, Inc.	11,715	332,237
Southwest Gas Holdings, Inc.	21,497	1,632,697
Spire, Inc.	19,917	1,452,348
Toho Gas Company, Ltd.	11,245	558,090
Tokyo Gas Company, Ltd.	58,000	1,388,634
Towngas China Company, Ltd. (A)	134,900	62,304
UGI Corp.	56,032	1,784,059
		24,295,175
Independent power and renewable electricity producers		
0.1%		
Aboitiz Power Corp.	198,800	109,707
AES Corp.	67,766	846,397
Atlantic Power Corp. (A)	15,005	31,511
B. Grimm Power PCL, NVDR	78,000	129,531
CGN Power Company, Ltd., H Shares (C)	1,341,700	309,087
China Common Rich Renewable Energy Investments, Ltd. (A)(D)	1,136,000	31,509
China Longyuan Power Group Corp., Ltd., H Shares	404,300	197,450
China Power International Development, Ltd.	522,900	114,848
China Resources Power Holdings Company, Ltd.	250,332	291,616
Clearway Energy, Inc., Class A	4,482	90,940
Clearway Energy, Inc., Class C	9,936	217,698
Colbun SA	1,188,587	194,415
Datang International Power Generation Company, Ltd., H Shares	361,200	48,704
Electric Power Development Company, Ltd.	22,400	424,093
Electricity Generating PCL, NVDR	30,300	263,443
Energy Absolute PCL, NVDR	169,100	207,712
Engie Brasil Energia SA	19,383	154,046
Global Power Synergy PCL, NVDR	71,700	170,338
Gulf Energy Development PCL, NVDR (B)	272,600	323,737
Huadian Power International Corp., Ltd., H Shares	199,100	61,315
Huaneng Power International, Inc., H Shares	491,864	183,599
Meridian Energy, Ltd.	76,989	228,019
Ormat Technologies, Inc.	5,000	364,050
Ratch Group PCL, NVDR	74,700	164,524

Beijing Enterprises Holdings, Ltd.	68,214	227,730	Sunnova Energy International, Inc. (A)	4,087	61,305
Chesapeake Utilities Corp. (B)	2,020	182,487	TerraForm Power, Inc., Class A	10,026	184,278
China Gas Holdings, Ltd.	234,000	827,271	Uniper SE	28,898	903,826
China Resources Gas Group, Ltd.	114,100	625,067			6,307,698
Enagas SA	35,447	798,965	Multi-utilities – 0.7%		
ENN Energy Holdings, Ltd.	101,100	1,186,915	AGL Energy, Ltd.	83,719	937,950
Hong Kong & China Gas Company, Ltd.	1,219,989	2,058,268	Algonquin Power & Utilities Corp.	91,722	1,284,381
Infraestructura Energetica Nova SAB de CV	69,135	197,043	Ameren Corp.	25,115	1,876,844
Korea Gas Corp.	5,651	136,849	Atco, Ltd., Class I	14,446	407,197
Kunlun Energy Company, Ltd.	456,490	281,543	Avista Corp.	8,383	328,362
National Fuel Gas Company	23,142	971,270	Black Hills Corp.	24,182	1,492,271
Naturgy Energy Group SA	42,197	786,917	Canadian Utilities, Ltd., Class A	23,814	571,460
New Jersey Resources Corp.	37,638	1,321,847	CenterPoint Energy, Inc.	51,272	911,616
Northwest Natural Holding Company (B)	3,810	244,259	Centrica PLC	506,935	229,984
ONE Gas, Inc.	20,715	1,739,439	CMS Energy Corp.	28,974	1,697,297
Osaka Gas Company, Ltd.	57,300	1,150,144	Consolidated Edison, Inc.	33,937	2,547,311
Perusahaan Gas Negara Tbk PT	1,068,369	63,137	Dominion Energy, Inc.	84,029	7,143,305
Petronas Gas BHD	80,499	352,336	DTE Energy Company	19,612	2,109,663
RGC Resources, Inc.	994	26,242	E.ON SE	323,825	3,435,027
			Engie SA	100,071	1,189,273

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Multi-utilities (continued)		
MDU Resources Group, Inc.	53,719	\$ 1,168,925
National Grid PLC	308,301	3,547,175
NiSource, Inc.	38,131	908,662
NorthWestern Corp.	19,914	1,197,230
Public Service Enterprise Group, Inc.	51,630	2,635,195
RWE AG	84,540	2,817,310
Sempra Energy	28,779	3,635,075
Suez SA	17,339	197,700
Unitil Corp.	1,851	89,163
Veolia Environnement SA	29,206	643,115
WEC Energy Group, Inc.	32,203	2,953,981
YTL Corp. BHD	265,897	63,717
		46,019,189
Water utilities – 0.1%		
Aguas Andinas SA, Class A	382,915	112,473
American States Water Company	4,599	377,164
American Water Works Company, Inc.	18,454	2,343,658
Artesian Resources Corp., Class A	1,037	36,409

Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
Household products – 0.1%		
Henkel AG & Company KGaA	25,747	\$ 2,302,665
Personal products – 0.0%		
Amorepacific Corp.	1,787	83,577
LG Household & Health Care, Ltd.	408	236,354
		319,931
		2,752,554
Energy – 0.0%		
Oil, gas and consumable fuels – 0.0%		
Petroleo Brasileiro SA	425,333	1,621,212
Financials – 0.1%		
Banks – 0.1%		
Banco Bradesco SA	448,044	1,591,071
Bancolombia SA	66,739	440,155
Grupo Aval Acciones y Valores SA	587,215	132,399
Itau Unibanco Holding SA	486,867	2,102,096
Itausa - Investimentos Itau SA	441,559	733,132

Strategic Equity Allocation Fund (continued)

Currency Abbreviations

GBP	Pound Sterling
THB	Thai Bhat

Security Abbreviations and Legend

ADR	American 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 5-31-20. The value of securities on loan amounted to \$168,369,028.
(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.
(E)	Strike price and/or expiration date not available.
(F)	The rate shown is the annualized seven-day yield as of 5-31-20.
(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.

	Shares or Principal Amount	Value
RIGHTS (continued)		
Pulse Biosciences, Inc. (Expiration Date: 6-8-20; Strike Price: \$7.01) (A)	1,643	\$ 3,417
Whitbread PLC (Expiration Date: 6-10-20; Strike Price: GBP 15.00) (A)	5,958	73,728
TOTAL RIGHTS (Cost \$144,269)		\$ 127,722
WARRANTS – 0.0%		
BTS Group Holdings PCL (Expiration Date: 2-16-21; Strike Price: THB 14.00) (A)	2,410	102
BTS Group Holdings PCL (Expiration Date: 2-16-21; Strike Price: THB 14.00) (A)	63,720	2,684
Minor International PCL (Expiration Date: 10-1-21; Strike Price: THB 48.00) (A)	1,847	99
TOTAL WARRANTS (Cost \$0)		\$ 2,885
SHORT-TERM INVESTMENTS – 4.9%		
U.S. Government Agency – 1.8%		
Federal Home Loan Bank Discount Note		
0.030%, 09/01/2020 *	\$ 20,000,000	19,991,822
0.040%, 07/27/2020 *	4,700,000	4,699,050
0.060%, 10/01/2020 *	40,000,000	39,976,956
0.100%, 07/23/2020 *	20,000,000	19,996,244
0.110%, 09/14/2020 *	20,000,000	19,990,667
0.110%, 07/21/2020 *	1,200,000	1,199,783
0.120%, 06/24/2020 *	9,620,000	9,619,324
0.950%, 08/03/2020 *	5,000,000	4,998,688
		120,472,534
Short-term funds – 2.5%		
John Hancock Collateral Trust, 0.3653% (F)(G)	17,307,324	173,275,738
Repurchase agreement – 0.6%		
Repurchase Agreement with State Street Corp. dated 5-29-20 at 0.000% to be repurchased at \$38,895,000 on 6-1-20, collateralized by \$37,625,000 U.S. Treasury Notes, 2.000% due 11-30-22 (valued at \$39,678,874)	\$ 38,895,000	38,895,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$332,464,546)		\$ 332,643,272
Total Investments (Strategic Equity Allocation Fund) (Cost \$6,634,139,414) – 101.5%		\$ 6,907,093,216
Other assets and liabilities, net – (1.5%)		(104,570,312)
TOTAL NET ASSETS – 100.0%		\$ 6,802,522,904

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Canadian Dollar Currency Futures	92	Long	Jun 2020	\$6,572,748	\$6,675,520	\$102,772
MSCI EAFE Index Futures	668	Long	Jun 2020	53,344,832	57,635,041	4,290,209
MSCI Emerging Markets Index Futures	425	Long	Jun 2020	18,818,626	19,824,125	1,005,499
Russell 2000 E-Mini Index Futures	189	Long	Jun 2020	13,213,156	13,161,960	(51,196)
S&P 500 Index E-Mini Futures	714	Long	Jun 2020	105,030,276	108,465,525	3,435,249
S&P Mid 400 Index E-Mini Futures	113	Long	Jun 2020	19,806,255	19,913,990	107,735
S&P/TSX 60 Index Futures	48	Long	Jun 2020	5,982,483	6,384,661	402,178
						\$9,292,446

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

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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. High Yield Bond Fund

	Shares or Principal Amount	Value
CORPORATE BONDS – 92.2%		
Communication services – 16.3%		
Block		
Communications, Inc.		
4.875%, 03/01/2028 (A)	\$ 125,000	\$ 124,375
CCO Holdings LLC		
4.000%, 03/01/2023 (A)	50,000	50,376
4.500%, 08/15/2030 to 05/01/2032 (A)	800,000	828,711
5.000%, 02/01/2028 (A)	125,000	130,921
5.125%, 05/01/2027 (A)	250,000	262,505
5.375%, 05/01/2025 (A)	2,150,000	2,209,125
5.750%, 02/15/2026 (A)	2,700,000	2,815,236
5.875%, 04/01/2024 (A)	175,000	179,776
Cinemark USA, Inc.		
8.750%, 05/01/2025 (A)	75,000	78,188
CSC Holdings LLC		

U.S. High Yield Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
T-Mobile USA, Inc.		
4.500%, 02/01/2026	\$ 75,000	\$ 77,090
4.750%, 02/01/2028	325,000	345,316
5.125%, 04/15/2025	250,000	255,000
5.375%, 04/15/2027	875,000	929,688
6.375%, 03/01/2025	1,550,000	1,598,531
Zayo Group Holdings, Inc.		
4.000%, 03/01/2027 (A)	200,000	197,000
		36,856,465
Consumer discretionary – 12.4%		
Asbury Automotive Group, Inc.		
4.500%, 03/01/2028 (A)	360,000	341,100
4.750%, 03/01/2030 (A)	347,000	333,120
Carriage Services, Inc.		
6.625%, 06/01/2026 (A)	1,750,000	1,828,750
CCM Merger, Inc.		
6.000%, 03/15/2022 (A)	3,050,000	2,851,750
Clarios Global LP		
6.750%, 05/15/2025 (A)	75,000	77,828
Connect Finco SARL		
6.750%, 10/01/2026 (A)	450,000	436,500
Cooper Tire & Rubber Company		
7.625%, 03/15/2027	2,410,000	2,506,400
Ford Motor Company		
4.750%, 01/15/2043	1,375,000	1,051,875

5.375%, 07/15/ 2023 to 02/01/ 2028 (A)	1,105,000	1,139,622	9.000%, 04/22/2025	150,000	157,688
5.500%, 05/15/ 2026 (A)	1,125,000	1,175,288	9.625%, 04/22/2030 (C)	150,000	166,500
6.500%, 02/01/ 2029 (A)	350,000	386,386	Ford Motor Credit Company LLC		
7.500%, 04/01/ 2028 (A)	550,000	609,125	4.389%, 01/08/2026	1,450,000	1,363,000
7.750%, 07/15/ 2025 (A)	1,125,000	1,172,813	5.113%, 05/03/2029	2,000,000	1,867,600
Diamond Sports Group LLC			Group 1 Automotive, Inc.		
5.375%, 08/15/ 2026 (A)	125,000	99,375	5.000%, 06/01/2022	925,000	906,500
6.625%, 08/15/ 2027 (A)	1,475,000	887,508	Hilton Domestic Operating Company, Inc.		
Gray Television, Inc.			4.875%, 01/15/2030	125,000	124,375
5.125%, 10/15/ 2024 (A)	975,000	987,188	KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC		
5.875%, 07/15/ 2026 (A)	2,000,000	2,065,000	5.000%, 06/01/2024 (A)	650,000	665,334
7.000%, 05/15/ 2027 (A)	200,000	211,250	5.250%, 06/01/2026 (A)	650,000	676,000
Intelsat Connect Finance SA			Levi Strauss & Company		
9.500%, 02/15/ 2023 (A)(B)	275,000	68,750	5.000%, 05/01/2025	175,000	178,500
Intelsat Jackson Holdings SA			Lithia Motors, Inc.		
5.500%, 08/01/ 2023 (B)	3,375,000	1,780,313	4.625%, 12/15/2027 (A)	200,000	193,000
8.500%, 10/15/ 2024 (A)(B)	1,100,000	627,000	5.250%, 08/01/2025 (A)	1,025,000	1,004,500
Intelsat Luxembourg SA			NCL Corp., Ltd.		
8.125%, 06/01/ 2023 (B)	650,000	34,125	3.625%, 12/15/2024 (A)	250,000	150,000
Lamar Media Corp.			Panther BF Aggregator 2 LP		
3.750%, 02/15/ 2028 (A)	700,000	679,000	6.250%, 05/15/2026 (A)	100,000	101,750
4.000%, 02/15/ 2030 (A)	700,000	673,750	Penske Automotive Group, Inc.		
5.750%, 02/01/ 2026	50,000	52,063	3.750%, 08/15/2020	415,000	410,887
Level 3 Financing, Inc.			5.375%, 12/01/2024	1,125,000	1,096,875
5.125%, 05/01/ 2023	665,000	664,169	5.750%, 10/01/2022	2,000,000	2,005,000
5.375%, 08/15/ 2022 to 01/15/ 2024	845,000	851,313	Royal Caribbean Cruises, Ltd.		
5.625%, 02/01/ 2023	310,000	310,580	3.700%, 03/15/2028	450,000	303,967
Live Nation Entertainment, Inc.			Service Corp. International		
6.500%, 05/15/ 2027 (A)	150,000	159,281	4.625%, 12/15/2027	425,000	447,228
			5.125%, 06/01/2029	1,175,000	1,266,063
			7.500%, 04/01/2027	450,000	499,500
			8.000%, 11/15/2021	2,145,000	2,262,975
			Sonic Automotive, Inc.		
			6.125%, 03/15/2027	350,000	347,155
			Telesat Canada		
			6.500%, 10/15/2027 (A)	350,000	343,235

Match Group, Inc. 4.125%, 08/01/ 2030 (A)	125,000	122,500
Nexstar Broadcasting, Inc. 5.625%, 07/15/ 2027 (A)	2,095,000	2,147,375
Nielsen Finance LLC 5.000%, 04/15/ 2022 (A)	2,825,000	2,820,621
Outfront Media Capital LLC 4.625%, 03/15/ 2030 (A)	1,225,000	1,127,000
5.000%, 08/15/ 2027 (A)	25,000	24,337
5.625%, 02/15/ 2024	375,000	376,875
Salem Media Group, Inc. 6.750%, 06/01/ 2024 (A)(C)	2,100,000	1,743,000
Scripps Escrow, Inc. 5.875%, 07/15/ 2027 (A)	125,000	118,750
Sprint Capital Corp. 6.875%, 11/15/ 2028	140,000	172,900
8.750%, 03/15/ 2032	820,000	1,178,750
The EW Scripps Company 5.125%, 05/15/ 2025 (A)	2,050,000	1,906,500
The Nielsen Company Luxembourg SARL 5.000%, 02/01/ 2025 (A)(C)	400,000	402,120

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. High Yield Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
The William Carter Company		

U.S. High Yield Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Enviva Partners LP 6.500%, 01/15/2026 (A)	\$ 1,550,000	\$ 1,639,125

5.500%, 05/15/2025 (A)	\$ 150,000	\$ 154,500	Era Group, Inc.		
5.625%, 03/15/2027 (A)	375,000	383,059	7.750%, 12/15/2022 (C)	1,600,000	1,472,000
Wyndham Hotels & Resorts, Inc.			Hilcorp Energy I LP		
5.375%, 04/15/2026 (A)	1,270,000	1,206,665	5.000%, 12/01/2024 (A)(C)	1,250,000	1,100,000
Yum! Brands, Inc.			5.750%, 10/01/2025 (A)	1,325,000	1,192,500
4.750%, 01/15/2030 (A)	150,000	155,493	6.250%, 11/01/2028 (A)	225,000	192,375
7.750%, 04/01/2025 (A)	150,000	165,750	MPLX LP		
		28,030,422	5.250%, 01/15/2025	425,000	440,627
Consumer staples – 1.5%			6.375%, 05/01/2024	275,000	283,994
Albertsons Companies, Inc.			Murphy Oil Corp.		
4.625%, 01/15/2027 (A)	150,000	152,249	5.750%, 08/15/2025 (C)	125,000	117,031
4.875%, 02/15/2030 (A)	150,000	155,438	5.875%, 12/01/2027	125,000	116,250
Cott Holdings, Inc.			Murphy Oil USA, Inc.		
5.500%, 04/01/2025 (A)	375,000	378,203	4.750%, 09/15/2029	75,000	77,078
Darling Ingredients, Inc.			NGPL PipeCo LLC		
5.250%, 04/15/2027 (A)	500,000	520,000	4.375%, 08/15/2022 (A)	225,000	229,187
Pilgrim's Pride Corp.			7.768%, 12/15/2037 (A)(C)	275,000	328,676
5.750%, 03/15/2025 (A)	940,000	961,150	Occidental Petroleum Corp.		
5.875%, 09/30/2027 (A)	125,000	130,000	4.625%, 06/15/2045	1,575,000	938,621
Prestige Brands, Inc.			6.200%, 03/15/2040	500,000	341,250
5.125%, 01/15/2028 (A)	125,000	126,875	6.450%, 09/15/2036	3,825,000	2,744,438
6.375%, 03/01/2024 (A)	725,000	745,844	6.600%, 03/15/2046	375,000	260,625
Spectrum Brands, Inc.			Oceaneering International, Inc.		
5.750%, 07/15/2025	275,000	283,594	6.000%, 02/01/2028	1,350,000	904,500
		3,453,353	Rockies Express Pipeline LLC		
Energy – 16.3%			3.600%, 05/15/2025 (A)	725,000	657,938
Antero Midstream Partners LP			4.800%, 05/15/2030 (A)	725,000	661,780
5.750%, 01/15/2028 (A)	1,875,000	1,465,875	4.950%, 07/15/2029 (A)	350,000	324,555
Apache Corp.			6.875%, 04/15/2040 (A)	1,506,000	1,458,260
4.250%, 01/15/2030	50,000	43,958	7.500%, 07/15/2038 (A)	201,000	194,468
4.750%, 04/15/2043	1,175,000	909,934	Southwestern Energy Company		
Archrock Partners LP			6.200%, 01/23/2025	15,000	13,473
6.250%, 04/01/2028 (A)	200,000	190,500	7.500%, 04/01/2026 (C)	250,000	230,000
6.875%, 04/01/2027 (A)	450,000	429,750	7.750%, 10/01/2027 (C)	850,000	792,625
Baytex Energy Corp.			Tallgrass Energy Partners LP		
5.625%, 06/01/2024 (A)	1,400,000	714,000	5.500%, 09/15/2024 (A)	2,500,000	2,387,500
8.750%, 04/01/2027 (A)	2,100,000	1,060,500	Ultra Resources, Inc.		
Buckeye Partners LP			7.125%, 04/15/2025 (A)(B)	2,675,000	1,338
5.850%, 11/15/2043	825,000	687,844	USA Compression Partners LP		
Callon Petroleum Company			6.875%, 04/01/2026 to 09/01/2027	1,150,000	1,103,375
6.125%, 10/01/2024	732,000	241,560	Valaris PLC		
6.250%, 04/15/2023	225,000	73,125	4.875%, 06/01/2022	725,000	72,500
8.250%, 07/15/2025	1,350,000	411,750	5.750%, 10/01/2044	2,575,000	206,000
Cheniere Corpus Christi Holdings LLC			Western Midstream Operating LP		
5.125%, 06/30/2027	75,000	81,222	4.050%, 02/01/2030	650,000	583,180
Cheniere Energy Partners LP			5.250%, 02/01/2050	50,000	40,485
4.500%, 10/01/2029 (A)	350,000	342,125	5.300%, 03/01/2048	1,100,000	858,000
5.250%, 10/01/2025	3,175,000	3,206,750			36,849,994
5.625%, 10/01/2026	400,000	407,120	Financials – 4.4%		
Denbury Resources, Inc.			AmWINS Group, Inc.		
7.750%, 02/15/2024 (A)	743,000	304,630	7.750%, 07/01/2026 (A)	1,175,000	1,260,658
9.000%, 05/15/2021 (A)	1,300,000	559,000	CIT Group, Inc.		
9.250%, 03/31/2022 (A)	451,000	180,400	4.125%, 03/09/2021	40,000	39,900
Diamond Offshore Drilling, Inc.			6.125%, 03/09/2028	50,000	51,750
4.875%, 11/01/2043 (B)	1,086,000	120,991			

EnLink Midstream LLC 5.375%, 06/01/2029	1,725,000	1,335,478	FirstCash, Inc. 5.375%, 06/01/2024 (A)	1,175,000	1,178,184
EnLink Midstream Partners LP 4.150%, 06/01/2025	25,000	20,125	HUB International, Ltd. 7.000%, 05/01/2026 (A)	500,000	513,535
4.400%, 04/01/2024	300,000	240,750	Ladder Capital Finance Holdings LLLP		
5.050%, 04/01/2045	1,175,000	683,263	4.250%, 02/01/2027 (A)	200,000	167,000
5.450%, 06/01/2047 (C)	1,175,000	722,860	5.250%, 03/15/2022 to 10/01/ 2025 (A)	1,500,000	1,294,125
5.600%, 04/01/2044	750,000	452,730	LPL Holdings, Inc. 4.625%, 11/15/2027 (A)	250,000	244,688

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. High Yield Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
LPL Holdings, Inc. (continued)		
5.750%, 09/15/2025 (A)	\$ 2,425,000	\$ 2,521,127
Springleaf Finance Corp.		
5.375%, 11/15/2029	625,000	554,063
6.125%, 03/15/2024	400,000	388,120
6.625%, 01/15/2028	400,000	382,000
7.125%, 03/15/2026	600,000	591,000
8.250%, 10/01/2023	225,000	228,985
USI, Inc.		
6.875%, 05/01/2025 (A)	475,000	486,680
		9,901,815
Health care – 10.1%		
Bausch Health Americas, Inc.		
8.500%, 01/31/2027 (A)	300,000	327,855
Bausch Health Companies, Inc.		
5.000%, 01/30/2028 (A)	250,000	241,558
5.250%, 01/30/2030 (A)	250,000	245,625
5.500%, 03/01/2023 to 11/01/ 2025 (A)	1,032,000	1,044,080
5.750%, 08/15/2027 (A)	100,000	107,020
5.875%, 05/15/2023 (A)	138,000	137,914
6.125%, 04/15/2025 (A)	1,265,000	1,283,709
6.250%, 02/15/2029 (A)	1,000,000	1,025,000
6.500%, 03/15/2022 (A)	175,000	178,028
7.000%, 03/15/2024 to 01/15/ 2028 (A)	425,000	441,370
7.250%, 05/30/2029 (A)	50,000	53,900
Centene Corp.		
5.375%, 08/15/2026 (A)	100,000	105,641

U.S. High Yield Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Tenet Healthcare Corp.		
4.625%, 07/15/2024	\$ 775,000	\$ 784,688
4.875%, 01/01/2026 (A)	400,000	411,084
5.125%, 11/01/2027 (A)	100,000	103,250
7.000%, 08/01/2025 (C)	350,000	351,677
7.500%, 04/01/2025 (A)	175,000	190,750
Teva Pharmaceutical Finance Netherlands III BV		
4.100%, 10/01/2046	500,000	420,500
6.750%, 03/01/2028 (C)	1,600,000	1,712,000
Vizient, Inc.		
6.250%, 05/15/2027 (A)	1,125,000	1,180,271
		22,924,635
Industrials – 11.2%		
ACCO Brands Corp.		
5.250%, 12/15/2024 (A)	25,000	25,125
Advanced Disposal Services, Inc.		
5.625%, 11/15/2024 (A)	1,925,000	1,989,969
Allison Transmission, Inc.		
4.750%, 10/01/2027 (A)	750,000	727,500
5.000%, 10/01/2024 (A)	2,625,000	2,644,658
5.875%, 06/01/2029 (A)	350,000	353,500
Covanta Holding Corp.		
5.875%, 03/01/2024 to 07/01/2025	1,250,000	1,245,730
6.000%, 01/01/2027	475,000	467,875
Fortress Transportation & Infrastructure Investors LLC		
6.500%, 10/01/2025 (A)	1,625,000	1,360,938
IAA, Inc.		
5.500%, 06/15/2027 (A)	2,300,000	2,334,500

Change Healthcare Holdings LLC 5.750%, 03/01/2025 (A)	2,250,000	2,246,783	KAR Auction Services, Inc. 5.125%, 06/01/2025 (A)	3,425,000	3,235,906
Charles River Laboratories International, Inc. 4.250%, 05/01/2028 (A)	75,000	75,633	Navistar International Corp. 9.500%, 05/01/2025 (A)	150,000	161,250
5.500%, 04/01/2026 (A)	250,000	261,048	RBS Global, Inc. 4.875%, 12/15/2025 (A)	1,825,000	1,815,875
Community Health Systems, Inc. 6.625%, 02/15/2025 (A)	1,500,000	1,447,500	Ritchie Bros Auctioneers, Inc. 5.375%, 01/15/2025 (A)	2,525,000	2,600,750
DaVita, Inc. 4.625%, 06/01/2030 (A)	575,000	573,563	Sensata Technologies BV 5.625%, 11/01/2024 (A)	1,600,000	1,673,856
Encompass Health Corp. 4.500%, 02/01/2028	225,000	228,375	Sensata Technologies UK Financing Company PLC 6.250%, 02/15/2026 (A)	250,000	263,125
4.750%, 02/01/2030	250,000	253,643	Signature Aviation US Holdings, Inc. 4.000%, 03/01/2028 (A)	525,000	464,625
5.125%, 03/15/2023	245,000	246,225	5.375%, 05/01/2026 (A)	1,375,000	1,305,136
5.750%, 11/01/2024 to 09/15/2025	65,000	66,340	Stevens Holding Company, Inc. 6.125%, 10/01/2026 (A)	1,250,000	1,287,975
Hill-Rom Holdings, Inc. 4.375%, 09/15/2027 (A)	650,000	667,063	Tempo Acquisition LLC 5.750%, 06/01/2025 (A)	75,000	78,281
5.000%, 02/15/2025 (A)	50,000	51,375	TriMas Corp. 4.875%, 10/15/2025 (A)	1,325,000	1,315,063
Hologic, Inc. 4.375%, 10/15/2025 (A)	1,300,000	1,328,977			25,351,637
4.625%, 02/01/2028 (A)	150,000	155,250	Information technology – 5.6%		
IQVIA, Inc. 5.000%, 10/15/2026 to 05/15/ 2027 (A)	700,000	733,000	Cardtronics, Inc. 5.500%, 05/01/2025 (A)	2,350,000	2,209,000
MEDNAX, Inc. 5.250%, 12/01/2023 (A)	150,000	147,000	CDK Global, Inc. 5.250%, 05/15/2029 (A)	100,000	102,000
6.250%, 01/15/2027 (A)	325,000	303,875	CommScope Technologies LLC 6.000%, 06/15/2025 (A)	525,000	510,416
MPH Acquisition Holdings LLC 7.125%, 06/01/2024 (A)	2,225,000	2,102,625	CommScope, Inc. 8.250%, 03/01/2027 (A)	450,000	469,125
Ortho-Clinical Diagnostics, Inc. 7.250%, 02/01/2028 (A)	150,000	149,250	Dell International LLC 5.875%, 06/15/2021 (A)	1,207,000	1,207,362
Polaris Intermediate Corp. (8.500% Cash or 9.250% PIK) 8.500%, 12/ 01/2022 (A)	400,000	350,252	7.125%, 06/15/2024 (A)(C)	2,275,000	2,361,723
Select Medical Corp. 6.250%, 08/15/2026 (A)	850,000	893,563			
Surgery Center Holdings, Inc. 6.750%, 07/01/2025 (A)(C)	325,000	297,375			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. High Yield Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Fair Isaac Corp. 4.000%, 06/15/2028 (A)	\$ 100,000	\$ 100,375
5.250%, 05/15/2026 (A)	1,425,000	1,536,407

U.S. High Yield Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate (continued)		
CoreCivic, Inc. (continued) 5.000%, 10/15/2022	\$ 800,000	\$ 784,000

Gartner, Inc.				GLP Capital LP			
5.125%, 04/01/2025 (A)	615,000	627,552		5.375%, 11/01/2023	625,000	626,519	
NCR Corp.				Iron Mountain, Inc.			
5.000%, 07/15/2022	1,510,000	1,511,450		4.375%, 06/01/2021 (A)	975,000	974,249	
5.750%, 09/01/2027 (A)	50,000	49,625		6.000%, 08/15/2023	250,000	252,500	
6.375%, 12/15/2023	750,000	766,793		MPT Operating Partnership LP			
8.125%, 04/15/2025 (A)	150,000	161,438		4.625%, 08/01/2029	275,000	272,250	
NortonLifeLock, Inc.				5.000%, 10/15/2027	725,000	749,469	
5.000%, 04/15/2025 (A)	125,000	127,500		5.250%, 08/01/2026	800,000	820,000	
Qorvo, Inc.				5.500%, 05/01/2024	715,000	723,938	
4.375%, 10/15/2029 (A)	200,000	204,750		6.375%, 03/01/2024	60,000	61,633	
SS&C Technologies, Inc.				SBA Communications Corp.			
5.500%, 09/30/2027 (A)	700,000	735,217		3.875%, 02/15/2027 (A)	300,000	304,620	
		12,680,733		4.000%, 10/01/2022	525,000	532,329	
Materials – 5.1%				The GEO Group, Inc.			
Ardagh Packaging Finance PLC				5.125%, 04/01/2023	210,000	184,275	
4.125%, 08/15/2026 (A)	600,000	602,070		5.875%, 01/15/2022 to 10/15/2024	1,665,000	1,506,885	
4.250%, 09/15/2022 (A)	200,000	202,124		6.000%, 04/15/2026	975,000	760,500	
5.250%, 04/30/2025 (A)	125,000	130,469				8,844,167	
Ball Corp.				Utilities – 5.4%			
4.875%, 03/15/2026	250,000	275,156		NextEra Energy Operating Partners LP			
5.000%, 03/15/2022	175,000	182,998		4.250%, 07/15/2024 to 09/15/2024 (A)	825,000	851,813	
5.250%, 07/01/2025	75,000	84,094		4.500%, 09/15/2027 (A)	725,000	768,500	
Berry Global, Inc.				NSG Holdings LLC			
4.875%, 07/15/2026 (A)	350,000	365,862		7.750%, 12/15/2025 (A)	2,371,547	2,395,262	
5.125%, 07/15/2023	250,000	252,500		Pattern Energy Group, Inc.			
5.625%, 07/15/2027 (A)	100,000	105,000		5.875%, 02/01/2024 (A)	3,800,000	3,847,500	
6.000%, 10/15/2022	320,000	322,400		TerraForm Power Operating LLC			
Clearwater Paper Corp.				4.250%, 01/31/2023 (A)	2,250,000	2,289,375	
5.375%, 02/01/2025 (A)(C)	300,000	294,000		4.750%, 01/15/2030 (A)	400,000	415,000	
Crown Americas LLC				5.000%, 01/31/2028 (A)	1,525,000	1,624,125	
4.250%, 09/30/2026	775,000	796,313				12,191,575	
4.750%, 02/01/2026	800,000	831,304		TOTAL CORPORATE BONDS (Cost \$217,187,546)		\$ 208,598,710	
Flex Acquisition Company, Inc.				CONVERTIBLE BONDS – 0.3%			
6.875%, 01/15/2025 (A)	1,350,000	1,361,840		Communication services – 0.2%			
7.875%, 07/15/2026 (A)	350,000	350,000		DISH Network Corp.			
Kaiser Aluminum Corp.				3.375%, 08/15/2026	575,000	506,661	
4.625%, 03/01/2028 (A)	275,000	259,875		Energy – 0.1%			
6.500%, 05/01/2025 (A)	175,000	179,594		Denbury Resources, Inc.			
Novelis Corp.				6.375%, 12/31/2024 (A)	531,000	46,170	
5.875%, 09/30/2026 (A)	250,000	256,048		Whiting Petroleum Corp.			
OI European Group BV				1.250%, 04/01/2020 (B)	1,345,000	171,488	
4.000%, 03/15/2023 (A)	350,000	345,625				217,658	
Owens-Brockway Glass Container, Inc.				TOTAL CONVERTIBLE BONDS (Cost \$2,293,072)		\$ 724,319	
5.000%, 01/15/2022 (A)	173,000	174,298		TERM LOANS (D) – 3.1%			
5.875%, 08/15/2023 (A)	600,000	622,500		Communication services – 1.3%			
QVC, Inc.				Ancestry.com Operations, Inc., 2019			
4.750%, 02/15/2027	600,000	571,500		Extended Term Loan B (1 month LIBOR + 4.250%) 4.424%, 08/27/2026	2,690,159	2,488,397	
Reynolds Group Issuer, Inc.							
5.125%, 07/15/2023 (A)	450,000	455,625					
Sealed Air Corp.							
5.125%, 12/01/2024 (A)	1,165,000	1,260,775					
Silgan Holdings, Inc.							
4.125%, 02/01/2028 (A)	650,000	653,068					
4.750%, 03/15/2025	125,000	127,813					
Valvoline, Inc.							

4.250%, 02/15/2030 (A)	325,000	324,188	Montreign Operating Company,		
4.375%, 08/15/2025 (A)	125,000	126,875	Bridge Term Loan (1 month LIBOR		
		11,513,914	+ 2.250%) 2.424%, 03/22/2021	420,089	371,778
Real estate – 3.9%					2,860,175
CoreCivic, Inc.			Consumer discretionary – 0.1%		
4.625%, 05/01/2023	300,000	291,000	CCM Merger, Inc., New Term Loan B		
			(1 month LIBOR + 2.250%)		
			3.000%, 08/08/2021	281,555	260,790

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John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. High Yield Bond Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (D) (continued)		
Consumer staples – 0.0%		
Atkins Nutritionals Holdings, Inc., 2017 Term Loan B (1 month LIBOR + 3.750%) 4.750%, 07/07/2024	\$ 145,423	\$ 142,878
Energy – 0.2%		
EPIC Crude Services LP, Term Loan B (3 month LIBOR + 5.000%) 5.370%, 03/02/2026	600,000	448,500
Financials – 1.4%		
Emerald TopCo, Inc., Term Loan (1 and 3 month LIBOR + 3.500%) 4.259%, 07/24/2026	671,625	643,753
HUB International, Ltd., 2019 Incremental Term Loan B (3 month LIBOR + 4.000%) 5.000%, 04/25/ 2025	448,875	438,789
Nexus Buyer LLC, Term Loan B (1 month LIBOR + 3.750%) 3.934%, 11/09/2026	473,813	464,336
USI, Inc., 2019 Incremental Term Loan B (1 month LIBOR + 4.000%) 4.174%, 12/02/2026	149,625	144,949
VFH Parent LLC, 2019 Term Loan B (1 month LIBOR + 3.000%) 3.222%, 03/01/2026	247,537	242,896
Victory Capital Holdings, Inc., 2020 Term Loan B (3 month LIBOR + 2.500%) 3.937%, 07/01/2026	1,287,909	1,243,901
		3,178,624
Materials – 0.1%		
Clearwater Paper Corp., Term Loan B (3 month LIBOR + 3.250%) 4.250%, 07/26/2026	149,625	148,129
TOTAL TERM LOANS (Cost \$7,473,888)		\$ 7,039,096
RIGHTS – 0.1%		

U.S. High Yield Bond Fund (continued)

- (A) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$140,236,483 or 62.0% of the fund's net assets as of 5-31-20.
- (B) Non-income producing - Issuer is in default.
- (C) All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$6,809,723.
- (D) Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
- (E) Non-income producing security.
- (F) Strike price and/or expiration date not available.
- (G) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.
- (H) The rate shown is the annualized seven-day yield as of 5-31-20.
- (I) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

U.S. Sector Rotation Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 97.3%		
Communication services – 10.5%		
Diversified telecommunication services – 1.5%		
AT&T, Inc.	265,037	\$ 8,179,042
CenturyLink, Inc. (A)	35,596	349,909
Verizon Communications, Inc.	150,052	8,609,984
		17,138,935
Entertainment – 2.0%		
Activision Blizzard, Inc.	34,685	2,496,626
Electronic Arts, Inc. (B)	13,182	1,619,804

Texas Competitive Electric Holdings Company LLC (E)(F)	215,025	215,025	Live Nation Entertainment, Inc. (B)	6,362	312,756
TOTAL RIGHTS (Cost \$1,079,996)		\$ 215,025	Netflix, Inc. (B)	19,786	8,304,778
ESCROW CERTIFICATES – 0.0%			Take-Two Interactive Software, Inc. (B)	5,110	695,829
Texas Competitive Electric Holdings Company LLC			The Walt Disney Company	81,375	9,545,288
11.500%, 10/01/2020 (E)(G)	\$ 13,200,000	19,800			22,975,081
TOTAL ESCROW CERTIFICATES (Cost \$6,477)		\$ 19,800	Interactive media and services – 5.6%		
SHORT-TERM INVESTMENTS – 5.8%			Alphabet, Inc., Class A (B)	13,528	19,392,659
Short-term funds – 5.8%			Alphabet, Inc., Class C (B)	13,494	19,281,846
John Hancock Collateral Trust, 0.3653% (H)(I)	694,972	6,957,853	Facebook, Inc., Class A (B)	108,647	24,455,353
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.1303% (H)	6,068,552	6,068,552	Twitter, Inc. (B)	35,051	1,085,529
TOTAL SHORT-TERM INVESTMENTS (Cost \$13,017,685)		\$ 13,026,405			64,215,387
Total Investments (U.S. High Yield Bond Fund) (Cost \$241,058,664) – 101.5%			Media – 1.3%		
		\$ 229,623,355	Charter Communications, Inc., Class A (B)	7,079	3,850,976
Other assets and liabilities, net – (1.5%)		(3,355,900)	Comcast Corp., Class A	204,964	8,116,574
TOTAL NET ASSETS – 100.0%		\$ 226,267,455	Discovery, Inc., Series A (A)(B)	7,134	155,165
			Discovery, Inc., Series C (B)	15,149	296,769
<u>Security Abbreviations and Legend</u>			DISH Network Corp., Class A (B)	11,558	365,811
LIBOR	London Interbank Offered Rate		Fox Corp., Class A	16,006	466,895
PIK	Pay-in-Kind Security - Represents a payment-in-kind which may pay interest in additional par and/or cash. Rates shown are the current rate and most recent payment rate.		Fox Corp., Class B	7,331	210,986
			Media General, Inc. (B)(C)	7,175	682
			News Corp., Class A	17,552	215,012
			News Corp., Class B	5,486	67,258
			Omnicom Group, Inc.	9,830	538,586
			The Interpublic Group of Companies, Inc.	17,504	299,493
			ViacomCBS, Inc., Class B	24,399	506,035
					15,090,242
			Wireless telecommunication services – 0.1%		
			T-Mobile US, Inc. (B)	13,812	1,381,752
					120,801,397
			Consumer discretionary – 9.9%		
			Auto components – 0.2%		
			Aptiv PLC	17,291	1,302,877

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Auto components (continued)		
BorgWarner, Inc.	13,986	\$ 449,650
		1,752,527
Automobiles – 0.3%		
Ford Motor Company	263,745	1,505,984
General Motors Company	85,161	2,203,967
Harley-Davidson, Inc. (A)	10,450	223,003
		3,932,954
Distributors – 0.1%		
Genuine Parts Company	10,854	905,332
LKQ Corp. (B)	22,895	628,697
		1,534,029
Diversified consumer services – 0.0%		
H&R Block, Inc.	11,418	194,106
Hotels, restaurants and leisure – 2.1%		
Carnival Corp. (A)	27,242	428,789
Chipotle Mexican Grill, Inc. (B)	1,496	1,501,849
Darden Restaurants, Inc.	7,629	586,365
Domino's Pizza, Inc.	2,262	872,770
Hilton Worldwide Holdings, Inc.	16,504	1,308,932
Las Vegas Sands Corp.	19,766	947,582
Marriott International, Inc., Class A	15,872	1,404,672
McDonald's Corp.	44,049	8,207,210
MGM Resorts International	30,121	517,479
Norwegian Cruise Line Holdings, Ltd. (A)(B)	14,571	228,182
Royal Caribbean Cruises, Ltd. (A)	10,054	521,501
Starbucks Corp.	69,078	5,387,393
Wynn Resorts, Ltd.	5,651	470,615
Yum! Brands, Inc.	17,691	1,587,413
		23,970,752
Household durables – 0.4%		
D.R. Horton, Inc.	17,251	953,980
Garmin, Ltd.	7,433	670,234
Hamilton Beach Brands Holding Company, Class B	294	2,808
Leggett & Platt, Inc.	6,771	207,125
Lennar Corp., A Shares	14,398	870,503
Mohawk Industries, Inc. (B)	3,058	285,006
Newell Brands, Inc.	19,603	257,779
NVR, Inc. (B)	179	576,668
PulteGroup, Inc.	13,105	445,177
Whirlpool Corp. (A)	3,251	396,037

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Specialty retail (continued)		
CarMax, Inc. (B)	8,819	\$ 776,513
L Brands, Inc.	12,455	201,646
Lowe's Companies, Inc.	41,110	5,358,689
O'Reilly Automotive, Inc. (B)	4,058	1,693,160
Ross Stores, Inc.	19,402	1,881,218
The Gap, Inc. (A)	11,412	101,567
The Home Depot, Inc.	58,507	14,537,819
The TJX Companies, Inc.	65,042	3,431,616
Tiffany & Company	5,790	741,873
Tractor Supply Company	6,350	774,827
Ulta Beauty, Inc. (B)	3,066	748,135
		33,185,393
Textiles, apparel and luxury goods – 0.7%		
Hanesbrands, Inc. (A)	18,607	183,465
NIKE, Inc., Class B	64,102	6,319,175
PVH Corp.	3,814	173,423
Ralph Lauren Corp.	2,558	193,155
Tapestry, Inc.	14,195	193,052
Under Armour, Inc., Class A (A)(B)	9,685	84,744
Under Armour, Inc., Class C (B)	10,007	78,655
VF Corp.	16,848	945,173
		8,170,842
		114,874,013
Consumer staples – 5.6%		
Beverages – 1.4%		
Brown-Forman Corp., Class B	6,857	452,082
Constellation Brands, Inc., Class A	6,304	1,088,701
Molson Coors Beverage Company, Class B	7,070	268,377
Monster Beverage Corp. (B)	14,369	1,033,275
PepsiCo, Inc.	52,484	6,904,270
The Coca-Cola Company	145,134	6,774,855
		16,521,560
Food and staples retailing – 1.7%		
Costco Wholesale Corp.	21,426	6,609,278
Sysco Corp.	24,745	1,364,934
The Kroger Company	38,895	1,268,755
Walgreens Boots Alliance, Inc.	36,361	1,561,341
Walmart, Inc.	68,800	8,535,328
		19,339,636
Food products – 0.9%		
Archer-Daniels-Midland Company	20,952	823,623

		4,665,317	Campbell Soup Company	6,358	324,131
Internet and direct marketing retail – 2.6%			Conagra Brands, Inc.	18,316	637,214
Amazon.com, Inc. (B)	11,161	27,259,292	General Mills, Inc.	22,748	1,434,034
Booking Holdings, Inc. (B)	1,122	1,839,429	Hormel Foods Corp.	10,466	511,055
eBay, Inc.	20,494	933,297	Kellogg Company	9,371	612,020
Expedia Group, Inc.	3,745	297,653	Lamb Weston Holdings, Inc.	5,497	330,150
		30,329,671	McCormick & Company, Inc.	4,651	814,669
Leisure products – 0.0%			Mondelez International, Inc., Class A	54,192	2,824,487
Hasbro, Inc. (A)	6,547	481,270	The Hershey Company	5,582	757,366
Multiline retail – 0.6%			The J.M. Smucker Company	4,293	489,101
Dollar General Corp.	12,225	2,341,210	The Kraft Heinz Company	23,441	714,247
Dollar Tree, Inc. (B)	11,363	1,112,097	Tyson Foods, Inc., Class A	11,110	682,598
Kohl's Corp.	7,517	144,477			10,954,695
Nordstrom, Inc. (A)	5,143	82,957	Household products – 0.9%		
Target Corp.	24,331	2,976,411	Church & Dwight Company, Inc.	5,651	424,221
		6,657,152	Colgate-Palmolive Company	19,734	1,427,360
Specialty retail – 2.9%			Kimberly-Clark Corp.	7,893	1,116,386
Advance Auto Parts, Inc.	3,715	517,574	The Clorox Company	2,890	596,063
AutoZone, Inc. (B)	1,278	1,466,965	The Procter & Gamble Company	57,424	6,656,590
Best Buy Company, Inc.	12,214	953,791			10,220,620

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Personal products – 0.1%		
Coty, Inc., Class A	6,805	\$ 24,702
The Estee Lauder Companies, Inc., Class A	5,125	1,012,034
		1,036,736
Tobacco – 0.6%		
Altria Group, Inc.	70,312	2,745,684
Philip Morris International, Inc.	58,560	4,295,962
		7,041,646
		65,114,893
Energy – 4.2%		
Energy equipment and services – 0.3%		
Baker Hughes Company	42,998	709,897
Halliburton Company	58,078	682,417
National Oilwell Varco, Inc.	25,527	318,322
Schlumberger, Ltd.	91,596	1,691,778
TechnipFMC PLC	27,807	205,772
		3,608,186
Oil, gas and consumable fuels – 3.9%		

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Capital markets – 2.6%		
Ameriprise Financial, Inc.	5,562	\$ 779,069
BlackRock, Inc.	6,692	3,537,659
Cboe Global Markets, Inc.	4,867	518,141
CME Group, Inc.	15,732	2,872,663
E*TRADE Financial Corp.	9,917	451,620
Franklin Resources, Inc.	12,244	231,044
Intercontinental Exchange, Inc.	24,445	2,377,276
Invesco, Ltd.	16,338	130,214
MarketAxess Holdings, Inc.	1,665	846,802
Moody's Corp.	7,128	1,906,098
Morgan Stanley	51,126	2,259,769
MSCI, Inc.	3,718	1,222,664
Nasdaq, Inc.	5,037	596,683
Northern Trust Corp.	9,302	734,951
Raymond James Financial, Inc.	5,420	375,498
S&P Global, Inc.	10,729	3,487,140
State Street Corp.	15,963	973,104
T. Rowe Price Group, Inc.	10,258	1,240,192
The Bank of New York Mellon Corp.	36,840	1,369,343

Apache Corp.	24,879	268,444	The Charles Schwab Corp.	50,189	1,802,287
Cabot Oil & Gas Corp.	26,989	535,462	The Goldman Sachs Group, Inc.	13,990	2,748,895
Chevron Corp.	125,107	11,472,312			30,461,112
Concho Resources, Inc.	13,301	725,171	Consumer finance – 0.5%		
ConocoPhillips	72,599	3,062,226	American Express Company	29,456	2,800,382
Devon Energy Corp.	25,604	276,779	Capital One Financial Corp.	20,445	1,391,078
Diamondback Energy, Inc.	10,662	453,988	Discover Financial Services	13,761	653,785
EOG Resources, Inc.	38,492	1,961,937	Synchrony Financial	24,777	504,707
Exxon Mobil Corp.	279,945	12,729,099			5,349,952
Hess Corp.	17,136	813,446	Diversified financial services – 1.4%		
HollyFrontier Corp.	9,823	308,933	Berkshire Hathaway, Inc., Class B (B)	85,869	15,935,569
Kinder Morgan, Inc.	128,877	2,036,257	NewStar Financial, Inc. (B)(C)	2,317	560
Marathon Oil Corp.	52,925	282,620			15,936,129
Marathon Petroleum Corp.	42,962	1,509,685	Insurance – 2.6%		
Noble Energy, Inc.	31,645	276,261	Aflac, Inc.	45,762	1,668,940
Occidental Petroleum Corp. (A)	59,104	765,397	American International Group, Inc.	54,237	1,630,364
ONEOK, Inc.	27,331	1,002,774	Aon PLC, Class A	14,597	2,874,879
Phillips 66	29,400	2,300,844	Arthur J. Gallagher & Company	11,629	1,096,382
Pioneer Natural Resources Company	10,960	1,003,936	Assurant, Inc.	3,780	387,752
The Williams Companies, Inc.	80,194	1,638,363	Chubb, Ltd.	28,255	3,445,415
Valero Energy Corp.	27,170	1,810,609	Cincinnati Financial Corp.	9,472	558,374
		45,234,543	Everest Re Group, Ltd.	2,542	504,358
		48,842,729	Globe Life, Inc.	6,211	478,371
Financials – 12.1%			Lincoln National Corp.	12,365	469,004
Banks – 5.0%			Loews Corp.	15,947	530,078
Bank of America Corp.	483,488	11,661,731	Marsh & McLennan Companies, Inc.	31,463	3,332,561
Citigroup, Inc.	130,385	6,246,745	MetLife, Inc.	48,733	1,754,875
Citizens Financial Group, Inc.	25,962	625,684	Principal Financial Group, Inc.	16,100	621,782
Comerica, Inc.	8,609	312,937	Prudential Financial, Inc.	25,062	1,527,780
Fifth Third Bancorp	42,384	821,826	The Allstate Corp.	20,197	1,975,469
First Republic Bank	10,065	1,088,731	The Hartford Financial Services Group, Inc.	22,469	860,338
Huntington Bancshares, Inc.	61,680	548,335	The Progressive Corp.	36,448	2,831,281
JPMorgan Chase & Co.	187,318	18,227,915	The Travelers Companies, Inc.	16,092	1,721,522
KeyCorp	58,823	697,053	Unum Group	12,859	194,814
M&T Bank Corp.	7,881	832,706	W.R. Berkley Corp.	9,046	524,216
People's United Financial, Inc.	26,524	303,700	Willis Towers Watson PLC	8,016	1,626,446
Regions Financial Corp.	57,609	651,558			30,615,001
SVB Financial Group (B)	3,080	661,430			140,410,353
The PNC Financial Services Group, Inc.	26,169	2,984,313	Health care – 14.0%		
Truist Financial Corp.	80,093	2,945,821	Biotechnology – 2.4%		
U.S. Bancorp	84,883	3,018,439	AbbVie, Inc.	79,659	7,382,000
Wells Fargo & Company	229,855	6,084,262	Alexion Pharmaceuticals, Inc. (B)	9,998	1,198,760
Zions Bancorp NA	10,180	334,973	Amgen, Inc.	26,846	6,166,526
		58,048,159			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Biogen, Inc. (B)	8,153	\$ 2,503,705
Gilead Sciences, Inc.	57,160	4,448,763
Incyte Corp. (B)	8,077	823,127
Regeneron Pharmaceuticals, Inc. (B)	3,609	2,211,631
Vertex Pharmaceuticals, Inc. (B)	11,618	3,345,519
		28,080,031
Health care equipment and supplies – 3.9%		
Abbott Laboratories	79,429	7,539,401
ABIOMED, Inc. (B)	2,029	454,293
Align Technology, Inc. (B)	3,223	791,633
Baxter International, Inc.	22,945	2,065,279
Becton, Dickinson and Company	13,252	3,272,316
Boston Scientific Corp. (B)	62,640	2,379,694
Danaher Corp.	28,279	4,711,564
Dentsply Sirona, Inc.	9,995	464,967
DexCom, Inc. (B)	4,098	1,550,314
Edwards Lifesciences Corp. (B)	9,373	2,106,301
Hologic, Inc. (B)	12,050	638,650
IDEXX Laboratories, Inc. (B)	3,855	1,190,732
Intuitive Surgical, Inc. (B)	5,194	3,012,676
Medtronic PLC	60,238	5,938,262
ResMed, Inc.	6,462	1,039,219
STERIS PLC	3,810	632,041
Stryker Corp.	14,470	2,832,213
Teleflex, Inc.	2,081	755,112
The Cooper Companies, Inc.	2,228	706,231
Varian Medical Systems, Inc. (B)	4,085	495,878
West Pharmaceutical Services, Inc.	3,325	718,333
Zimmer Biomet Holdings, Inc.	9,244	1,167,887
		44,462,996
Health care providers and services – 2.9%		
AmerisourceBergen Corp.	6,756	644,117
Anthem, Inc.	11,396	3,351,678
Cardinal Health, Inc.	13,145	718,900
Centene Corp. (B)	26,237	1,738,201
Cigna Corp.	16,782	3,311,424
CVS Health Corp.	58,467	3,833,681
DaVita, Inc. (B)	4,030	326,269
HCA Healthcare, Inc.	11,890	1,271,041
Henry Schein, Inc. (B)	6,594	400,388
Humana, Inc.	5,951	2,443,778
Laboratory Corp. of America Holdings (B)	4,364	765,096
McKesson Corp.	7,258	1,151,627
Quest Diagnostics, Inc.	6,053	715,949
UnitedHealth Group, Inc.	42,578	12,979,903
Universal Health Services, Inc., Class B	3,610	380,675

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Merck & Company, Inc.	91,671	\$ 7,399,683
Mylan NV (B)	18,583	317,212
Perrigo Company PLC	4,900	268,373
Pfizer, Inc.	199,262	7,609,816
Zoetis, Inc.	17,149	2,390,399
		41,775,191
		162,407,274
Industrials – 8.3%		
Aerospace and defense – 1.6%		
General Dynamics Corp.	9,740	1,430,124
Howmet Aerospace, Inc.	16,099	210,575
Huntington Ingalls Industries, Inc.	1,700	339,813
L3Harris Technologies, Inc.	9,188	1,832,547
Lockheed Martin Corp.	10,317	4,007,535
Northrop Grumman Corp.	6,514	2,183,493
Raytheon Technologies Corp.	61,010	3,936,365
Textron, Inc.	9,488	293,843
The Boeing Company	22,222	3,241,079
TransDigm Group, Inc.	2,070	879,377
		18,354,751
Air freight and logistics – 0.6%		
C.H. Robinson Worldwide, Inc.	7,551	612,613
Expeditors International of Washington, Inc.	9,508	726,126
FedEx Corp.	13,402	1,749,765
United Parcel Service, Inc., Class B	39,125	3,901,154
		6,989,658
Airlines – 0.2%		
Alaska Air Group, Inc. (A)	6,877	235,125
American Airlines Group, Inc. (A)	21,767	228,554
Delta Air Lines, Inc.	32,137	810,174
Southwest Airlines Company	29,412	944,125
United Airlines Holdings, Inc. (A)(B)	13,917	390,233
		2,608,211
Building products – 0.3%		
Allegion PLC	2,930	292,121
AO Smith Corp.	4,322	205,295
Carrier Global Corp. (B)	25,588	523,786
Fortune Brands Home & Security, Inc.	4,389	267,553
Johnson Controls International PLC	24,329	764,174
Masco Corp.	8,959	417,937
Trane Technologies PLC	7,556	681,627
		3,152,493
Commercial services and supplies – 0.4%		
Cintas Corp.	3,651	905,302
Copart, Inc. (B)	8,908	796,286
Republic Services, Inc.	9,172	783,839
Rollins, Inc.	6,131	256,276

		34,032,727	Waste Management, Inc.	16,996	1,814,323
Health care technology – 0.1%					4,556,026
Cerner Corp.	14,116	1,029,056	Construction and engineering – 0.1%		
Life sciences tools and services – 1.1%			Jacobs Engineering Group, Inc.	8,487	713,078
Agilent Technologies, Inc.	13,852	1,220,915	Quanta Services, Inc.	8,912	329,120
Illumina, Inc. (B)	6,580	2,388,869			1,042,198
IQVIA Holdings, Inc. (B)	8,077	1,207,673	Electrical equipment – 0.5%		
Mettler-Toledo International, Inc. (B)	1,090	866,550	AMETEK, Inc.	11,232	1,030,087
PerkinElmer, Inc.	4,973	499,637	Eaton Corp. PLC	20,313	1,724,574
Thermo Fisher Scientific, Inc.	17,948	6,267,262	Emerson Electric Company	29,931	1,826,390
Waters Corp. (B)	2,884	576,367	Rockwell Automation, Inc.	5,677	1,227,140
		13,027,273			5,808,191
Pharmaceuticals – 3.6%					
Bristol-Myers Squibb Company	84,405	5,040,667			
Eli Lilly & Company	30,422	4,653,045			
Johnson & Johnson	94,763	14,095,996			

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Industrial conglomerates – 1.5%		
3M Company	33,549	\$ 5,248,406
General Electric Company	509,512	3,347,494
Honeywell International, Inc.	41,686	6,079,903
Roper Technologies, Inc.	6,071	2,390,760
		17,066,563
Machinery – 1.4%		
Caterpillar, Inc.	23,722	2,849,724
Cummins, Inc.	6,576	1,115,290
Deere & Company	13,516	2,056,054
Dover Corp.	6,235	606,354
Flowserve Corp.	5,617	146,604
Fortive Corp.	12,685	773,531
IDEX Corp.	3,265	520,343
Illinois Tool Works, Inc.	12,554	2,165,063
Ingersoll Rand, Inc. (B)	14,853	418,855
Otis Worldwide Corp.	17,413	916,794
PACCAR, Inc.	14,847	1,096,599
Parker-Hannifin Corp.	5,514	992,355
Pentair PLC	7,215	282,395
Snap-on, Inc.	2,354	305,290
Stanley Black & Decker, Inc.	6,525	818,561
Wabtec Corp.	7,817	477,384

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electronic equipment, instruments and components (continued)		
Zebra Technologies Corp., Class A (B)	2,344	\$ 612,534
		5,884,554
IT services – 5.5%		
Accenture PLC, Class A	27,660	5,576,809
Akamai Technologies, Inc. (B)	7,038	744,620
Alliance Data Systems Corp.	1,785	82,699
Automatic Data Processing, Inc.	18,846	2,760,751
Broadridge Financial Solutions, Inc.	4,993	604,652
Cognizant Technology Solutions Corp., Class A	23,849	1,263,997
DXC Technology Company	11,150	158,442
Fidelity National Information Services, Inc.	26,769	3,716,340
Fiserv, Inc. (B)	24,875	2,655,904
FleetCor Technologies, Inc. (B)	3,780	921,526
Gartner, Inc. (B)	3,896	474,143
Global Payments, Inc.	13,090	2,349,524
IBM Corp.	38,574	4,817,893
Jack Henry & Associates, Inc.	3,351	606,062
Leidos Holdings, Inc.	5,796	610,261
Mastercard, Inc., Class A	38,665	11,633,912
Paychex, Inc.	13,875	1,002,885

Xylem, Inc.	7,730	512,808	PayPal Holdings, Inc. (B)	51,142	7,927,521
		16,054,004	The Western Union Company	18,259	365,545
Professional services – 0.3%			VeriSign, Inc. (B)	4,500	985,545
Equifax, Inc.	5,272	809,568	Visa, Inc., Class A	74,559	14,556,899
IHS Markit, Ltd.	17,462	1,212,911			63,815,930
Nielsen Holdings PLC	15,492	215,184	Semiconductors and semiconductor equipment – 4.6%		
Robert Half International, Inc.	5,119	259,738	Advanced Micro Devices, Inc. (B)	52,795	2,840,371
Verisk Analytics, Inc.	7,136	1,232,244	Analog Devices, Inc.	16,624	1,877,681
		3,729,645	Applied Materials, Inc.	41,696	2,342,481
Road and rail – 1.2%			Broadcom, Inc.	17,905	5,215,189
CSX Corp.	43,418	3,107,860	Intel Corp.	196,348	12,356,180
J.B. Hunt Transport Services, Inc.	4,760	569,629	KLA Corp.	7,122	1,253,187
Kansas City Southern	5,534	832,978	Lam Research Corp.	6,548	1,791,991
Norfolk Southern Corp.	14,558	2,595,546	Maxim Integrated Products, Inc.	12,214	704,504
Old Dominion Freight Line, Inc.	5,348	914,989	Microchip Technology, Inc. (A)	10,787	1,035,768
Union Pacific Corp.	38,759	6,583,604	Micron Technology, Inc. (B)	49,969	2,394,015
		14,604,606	NVIDIA Corp.	27,624	9,807,072
Trading companies and distributors – 0.2%			Qorvo, Inc. (B)	5,244	549,257
Fastenal Company	23,499	969,569	QUALCOMM, Inc.	51,540	4,168,555
United Rentals, Inc. (B)	3,079	427,642	Skyworks Solutions, Inc.	7,690	911,573
W.W. Grainger, Inc.	1,788	553,601	Texas Instruments, Inc.	42,193	5,009,997
		1,950,812	Xilinx, Inc.	11,350	1,043,633
		95,917,158			53,301,454
Information technology – 24.4%			Software – 7.5%		
Communications equipment – 1.0%			Adobe, Inc. (B)	19,244	7,439,730
Arista Networks, Inc. (B)	2,358	550,499	ANSYS, Inc. (B)	3,402	962,766
Cisco Systems, Inc.	184,418	8,818,869	Autodesk, Inc. (B)	8,747	1,840,194
F5 Networks, Inc. (B)	2,643	383,024	Cadence Design Systems, Inc. (B)	11,155	1,018,340
Juniper Networks, Inc.	14,549	352,959	Citrix Systems, Inc.	4,572	677,205
Motorola Solutions, Inc.	7,448	1,007,938	Fortinet, Inc. (B)	5,643	785,506
		11,113,289	Intuit, Inc.	10,348	3,004,231
Electronic equipment, instruments and components – 0.5%			Microsoft Corp.	303,281	55,576,243
Amphenol Corp., Class A	12,889	1,244,562	NortonLifeLock, Inc.	22,793	519,225
CDW Corp.	6,246	692,744	Oracle Corp.	86,127	4,631,049
Corning, Inc.	33,434	761,961	Paycom Software, Inc. (B)	1,950	579,599
FLIR Systems, Inc.	5,832	269,438	salesforce.com, Inc. (B)	35,262	6,163,445
IPG Photonics Corp. (B)	1,546	240,248	ServiceNow, Inc. (B)	7,498	2,908,699
Keysight Technologies, Inc. (B)	8,154	881,692	Synopsys, Inc. (B)	5,976	1,081,118
TE Connectivity, Ltd.	14,540	1,181,375			87,187,350
			Technology hardware, storage and peripherals – 5.3%		
			Apple, Inc.	181,565	57,726,770

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

Shares or Principal Amount	Value
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U.S. Sector Rotation Fund (continued)

Shares or Principal Amount	Value
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COMMON STOCKS (continued)			COMMON STOCKS (continued)		
Technology hardware, storage and peripherals (continued)			Equity real estate investment trusts (continued)		
Hewlett Packard Enterprise Company	56,251	\$ 546,197	Federal Realty Investment Trust	3,074	\$ 245,643
HP, Inc.	64,421	975,334	Healthpeak Properties, Inc.	21,660	533,702
NetApp, Inc.	9,921	441,881	Host Hotels & Resorts, Inc.	31,386	374,749
Seagate Technology PLC	10,050	533,052	Iron Mountain, Inc.	12,566	323,700
Western Digital Corp.	12,929	573,660	Kimco Realty Corp.	18,479	205,302
Xerox Holdings Corp.	8,081	128,326	Mid-America Apartment Communities, Inc.	4,992	580,869
		60,925,220	Prologis, Inc.	32,310	2,956,365
		282,227,797	Public Storage	6,575	1,333,016
Materials – 3.3%			Realty Income Corp.	14,999	829,595
Chemicals – 2.3%			Regency Centers Corp.	7,334	313,822
Air Products & Chemicals, Inc.	12,946	3,128,401	SBA Communications Corp.	4,928	1,548,033
Albemarle Corp. (A)	6,227	476,490	Simon Property Group, Inc.	13,430	774,911
Celanese Corp.	7,099	638,271	SL Green Realty Corp.	3,567	150,242
CF Industries Holdings, Inc.	12,769	375,026	UDR, Inc.	12,825	474,269
Corteva, Inc.	43,955	1,200,411	Ventas, Inc.	16,314	570,174
Dow, Inc.	43,549	1,680,991	Vornado Realty Trust	6,933	251,044
DuPont de Nemours, Inc.	43,509	2,207,212	Welltower, Inc.	17,758	899,798
Eastman Chemical Company	7,986	543,687	Weyerhaeuser Company	32,612	658,436
Ecolab, Inc.	14,728	3,130,878			30,795,148
FMC Corp.	7,612	749,097	Real estate management and development – 0.0%		
International Flavors & Fragrances, Inc. (A)	6,271	835,234	CBRE Group, Inc., Class A (B)	14,651	644,351
Linde PLC	31,550	6,383,827			31,439,499
LyondellBasell Industries NV, Class A	15,078	961,373	Utilities – 2.3%		
PPG Industries, Inc.	13,888	1,411,993	Electric utilities – 1.5%		
The Mosaic Company	20,534	248,256	Alliant Energy Corp.	7,900	389,944
The Sherwin-Williams Company	4,825	2,865,326	American Electric Power Company, Inc.	16,236	1,384,119
		26,836,473	Duke Energy Corp.	23,964	2,052,037
Construction materials – 0.2%			Edison International	11,787	684,943
Martin Marietta Materials, Inc.	3,671	705,162	Entergy Corp.	6,544	666,310
Vulcan Materials Company	7,774	842,080	Evergy, Inc.	7,491	462,120
		1,547,242	Eversource Energy	10,642	890,735
Containers and packaging – 0.4%			Exelon Corp.	31,954	1,224,158
Amcor PLC	95,157	971,553	FirstEnergy Corp.	17,757	750,411
Avery Dennison Corp.	4,904	542,726	NextEra Energy, Inc.	16,066	4,105,827
Ball Corp.	19,213	1,369,118	NRG Energy, Inc.	8,269	298,097
International Paper Company	23,030	784,172	Pinnacle West Capital Corp.	3,695	287,841
Packaging Corp. of America	5,559	563,738	PPL Corp.	25,238	705,150
Sealed Air Corp.	9,074	291,275	The Southern Company	34,472	1,967,317
Westrock Company	15,147	425,025	Xcel Energy, Inc.	17,237	1,120,922
		4,947,607			16,989,931
Metals and mining – 0.4%			Gas utilities – 0.0%		
Freeport-McMoRan, Inc.	85,214	772,891	Atmos Energy Corp.	3,923	403,206
Newmont Corp.	48,151	2,815,389	Independent power and renewable electricity producers		
Nucor Corp.	17,808	752,566	–		
		4,340,846	0.0%		
		37,672,168	AES Corp.	21,819	272,519
Real estate – 2.7%			Multi-utilities – 0.7%		
Equity real estate investment trusts – 2.7%			Ameren Corp.	8,087	604,342
Alexandria Real Estate Equities, Inc.	5,366	824,862	CenterPoint Energy, Inc.	16,508	293,512
			CMS Energy Corp.	9,329	546,493

American Tower Corp.	19,386	5,004,884	Consolidated Edison, Inc.	10,927	820,181
Apartment Investment & Management Company, A Shares	6,515	240,208	Dominion Energy, Inc.	27,055	2,299,946
AvalonBay Communities, Inc.	6,113	953,689	DTE Energy Company	6,314	679,197
Boston Properties, Inc.	6,294	541,158	NiSource, Inc.	12,277	292,561
Crown Castle International Corp.	18,196	3,132,623	Public Service Enterprise Group, Inc.	16,623	848,438
Digital Realty Trust, Inc.	11,504	1,651,514	Sempra Energy	9,266	1,170,388
Duke Realty Corp.	16,087	554,680	WEC Energy Group, Inc.	10,368	951,057
Equinix, Inc.	3,859	2,692,154			8,506,115
Equity Residential	15,278	925,236	Water utilities – 0.1%		
Essex Property Trust, Inc.	2,892	702,091	American Water Works Company, Inc.	5,942	754,634
Extra Space Storage, Inc.	5,668	548,379			26,926,405
			TOTAL COMMON STOCKS (Cost \$1,049,911,873)		\$ 1,126,633,686

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES – 0.0%		
Communication services – 0.0%		
Media – 0.0%		
GCI Liberty, Inc., 7.000%	361	\$ 9,270
TOTAL PREFERRED SECURITIES (Cost \$2,897)		\$ 9,270
RIGHTS – 0.0%		
Pan American Silver Corp. (Expiration Date: 2-22-29) (B)(D)	13,589	8,831
TOTAL RIGHTS (Cost \$4,020)		\$ 8,831
SHORT-TERM INVESTMENTS – 2.7%		
U.S. Government Agency – 1.9%		
Federal Home Loan Bank Discount Note		
0.100%, 07/23/2020 *	\$ 15,000,000	14,997,183
0.122%, 08/14/2020 *	5,000,000	4,998,458
Federal National Mortgage Association Discount Note		
0.105%, 07/29/2020 *	2,700,000	2,699,435
		22,695,076
Short-term funds – 0.5%		
John Hancock Collateral Trust, 0.3653% (E)(F)	539,665	5,402,961
Repurchase agreement – 0.3%		

U.S. Sector Rotation Fund (continued)

Security Abbreviations and Legend

- (A) All or a portion of this security is on loan as of 5-31-20. The value of securities on loan amounted to \$5,288,833.
- (B) Non-income producing security.
- (C) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.
- (D) Strike price and/or expiration date not available.
- (E) The rate shown is the annualized seven-day yield as of 5-31-20.
- (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.

Repurchase Agreement with State Street Corp. dated 5-29-20 at 0.000% to be repurchased at \$3,435,000 on 6-1-20, collateralized by \$3,325,000 U.S. Treasury Notes, 2.000% due 11-30-22 (valued at \$3,506,505)	\$ 3,435,000	3,435,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$31,529,868)		\$ 31,533,037
Total Investments (U.S. Sector Rotation Fund) (Cost \$1,081,448,658) – 100.0%		\$ 1,158,184,824
Other assets and liabilities, net – 0.0%		73,220
TOTAL NET ASSETS – 100.0%		\$ 1,158,258,044

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
S&P 500 Index E-Mini Futures	208	Long	Jun 2020	\$29,708,274	\$31,597,800	\$1,889,526
						\$1,889,526

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

John Hancock Funds II

Portfolio of Investments — May 31, 2020 (unaudited) (showing percentage of total net assets)

The following funds had the following country composition as a percentage of net assets on 5-31-20:

Capital Appreciation Fund		Mid Value Fund	
United States	85.3%	United States	81.6%
Canada	4.4%	Canada	8.3%
China	3.6%	Ireland	3.4%
United Kingdom	2.3%	Mexico	1.3%
Netherlands	2.0%	Switzerland	1.2%
France	1.1%	Other countries	4.2%

Australia	1.0%	TOTAL	100.0%
Other countries	0.3%	Science & Technology Fund	
TOTAL	100.0%	United States	78.7%
Health Sciences Fund		China	7.7%
United States	85.8%	Germany	3.7%
Switzerland	3.2%	South Korea	3.7%
Japan	2.2%	Australia	1.9%
United Kingdom	2.1%	Russia	1.4%
Netherlands	1.4%	Other countries	2.9%
Germany	1.3%	TOTAL	100.0%
Denmark	1.3%	Strategic Equity Allocation Fund	
Other countries	2.7%	United States	63.9%
TOTAL	100.0%	Japan	7.7%
High Yield Fund		Canada	3.1%
United States	78.1%	China	3.1%
Cayman Islands	4.7%	United Kingdom	3.0%
Canada	4.6%	Switzerland	2.7%
United Kingdom	3.7%	Germany	2.3%
France	2.1%	South Korea	1.8%
Netherlands	1.0%	Australia	1.6%
Italy	1.0%	Netherlands	1.3%
Other countries	4.8%	Other countries	9.5%
TOTAL	100.0%	TOTAL	100.0%

The following funds had the following sector composition as a percentage of net assets on 5-31-20:

International Strategic Equity Allocation Fund	
Financials	20.2%
Consumer discretionary	11.6%
Information technology	11.4%
Industrials	10.6%
Health care	10.2%
Consumer staples	8.7%
Communication services	6.9%
Materials	6.5%
Utilities	3.7%
Energy	3.7%
Real estate	2.3%
Short-term investments and other	4.2%
TOTAL	100.0%
International Value Fund	
Financials	19.8%
Industrials	15.7%
Information technology	12.2%
Health care	10.7%
Consumer staples	9.7%
Consumer discretionary	8.8%
Materials	7.5%
Communication services	6.2%
Energy	3.8%
Real estate	1.1%

Utilities	0.9%
Short-term investments and other	3.6%
TOTAL	100.0%

John Hancock Funds II

Notes to Portfolio of Investments (unaudited)

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

In order to value the securities, the funds use the following valuation techniques: Equity securities, including exchange-traded or closed-end funds, are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price. Investments in open-end mutual funds, including John Hancock Collateral Trust (JHCT), are valued at their respective NAVs each business day. Debt obligations typically are valued based on evaluated prices provided by an independent pricing vendor. Independent pricing vendors utilize matrix pricing, which takes into account factors such as institutional-size trading in similar groups of securities, yield, quality, coupon rate, maturity, type of issue, trading characteristics and other market data, as well as broker supplied prices. Exchange-traded options are valued at the mid-price of the last quoted bid and ask prices from the exchange where the option trades. Unlisted options are generally valued using evaluated prices obtained from an independent pricing vendor. Futures contracts are typically valued at the last traded price on the exchange on which they trade. Foreign equity index futures that trade in the electronic trading market subsequent to the close of regular trading may be valued at the last traded price in the electronic trading market as of 4:00 P.M. ET, or may be fair valued based on fair value adjustment factors provided by an independent pricing vendor in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE. Swaps are valued using evaluated prices obtained from an independent pricing vendor. Forward foreign currency contracts are valued at the prevailing forward rates which are based on foreign currency exchange spot rates and forward points supplied by an independent pricing vendor. Foreign securities and currencies are valued in U.S. dollars based on foreign currency exchange rates supplied by an independent pricing vendor.

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

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the funds' Pricing Committee following procedures established by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed. Trading in foreign securities may be completed before the scheduled daily close of trading on the NYSE. Significant events at the issuer or market level may affect the values of securities between the time when the valuation of the securities is generally determined and the close of the NYSE. If a significant event occurs, these securities may be fair valued, as determined in good faith by the funds' Pricing Committee, following procedures established by the Board of Trustees. The funds use fair value adjustment factors provided by an independent pricing vendor to value certain foreign securities in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE.

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

The following is a summary of the values by input classification of the funds' investments as of May 31, 2020, by major security category or type:

	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Asia Pacific Total Return Bond Fund				
Investments in securities:				
Assets				
Foreign government obligations	\$80,644,890	—	\$80,644,890	—
Corporate bonds	121,651,794	—	121,651,794	—
Short-term investments	3,397,086	\$3,397,086	—	—
Total investments in securities	\$205,693,770	\$3,397,086	\$202,296,684	—
Derivatives:				
Liabilities				
Futures	\$(127,024)	\$(127,024)	—	—

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	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Capital Appreciation Fund				
Investments in securities:				
Assets				
Common stocks				
Communication services	\$264,413,447	\$235,740,682	\$28,672,765	—
Consumer discretionary	375,773,284	356,322,720	19,450,564	—
Consumer staples	72,541,304	72,541,304	—	—
Financials	49,503,739	49,503,739	—	—
Health care	175,570,717	175,570,717	—	—
Industrials	63,230,831	63,230,831	—	—
Information technology	788,038,509	751,140,357	36,898,152	—
Real estate	12,775,284	12,775,284	—	—
Short-term investments	62,435,182	62,435,182	—	—
Total investments in securities	\$1,864,282,297	\$1,779,260,816	\$85,021,481	—

Capital Appreciation Value Fund

Investments in securities:

	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Assets				
Common stocks				
Communication services	\$46,835,863	\$46,835,863	—	—
Consumer discretionary	101,814,921	101,814,921	—	—
Consumer staples	32,235,231	32,235,231	—	—
Financials	74,173,851	74,173,851	—	—
Health care	182,043,218	162,339,790	\$19,703,428	—
Industrials	119,749,293	119,749,293	—	—

Information technology	187,292,022	187,292,022	—	—
Materials	17,485,616	17,485,616	—	—
Utilities	101,314,533	101,314,533	—	—
Preferred securities				
Financials	19,078,280	19,078,280	—	—
Health care	13,522,911	13,522,911	—	—
Industrials	2,456,097	—	2,456,097	—
Utilities	26,095,876	26,095,876	—	—
Corporate bonds	151,548,706	—	151,548,706	—
Term loans	107,288,756	—	107,288,756	—
Short-term investments	156,011,959	156,011,959	—	—
Total investments in securities	\$1,338,947,133	\$1,057,950,146	\$280,996,987	—
Derivatives:				
Liabilities				
Written options	\$(8,127,517)	—	\$(8,127,517)	—

Core Bond Fund

Investments in securities:

Assets

U.S. Government and Agency obligations	\$1,424,966,585	—	\$1,424,966,585	—
Foreign government obligations	35,933,706	—	35,933,706	—
Corporate bonds	829,613,936	—	829,613,936	—
Municipal bonds	13,974,283	—	13,974,283	—
Collateralized mortgage obligations	208,159,291	—	208,159,291	—
Asset backed securities	216,177,294	—	216,177,294	—
Short-term investments	161,313,462	\$161,313,462	—	—
Total investments in securities	\$2,890,138,557	\$161,313,462	\$2,728,825,095	—

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	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Health Sciences Fund				
Investments in securities:				
Assets				
Common stocks				
Consumer discretionary	\$330,174	—	—	\$330,174
Financials	499,075	\$499,075	—	—
Health care	365,433,079	336,112,663	\$28,836,085	484,331
Industrials	979,232	979,232	—	—
Preferred securities				
Consumer discretionary	737,268	—	—	737,268
Health care	2,202,507	52,253	2,150,254	—
Information technology	910,816	—	—	910,816
Rights	433,145	433,145	—	—
Short-term investments	4,432,659	4,432,659	—	—

Total investments in securities	\$375,957,955	\$342,509,027	\$30,986,339	\$2,462,589
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High Yield Fund

Investments in securities:

Assets				
Foreign government obligations	\$1,693,095	—	\$1,693,095	—
Corporate bonds	167,746,851	—	167,746,851	—
Convertible bonds	2,043,633	—	2,043,633	—
Term loans	11,652,286	—	11,652,286	—
Asset backed securities	7,903,408	—	7,903,408	—
Common stocks	1,475,763	\$1,302,977	—	\$172,786
Preferred securities	1,632,036	1,632,036	—	—
Short-term investments	609,666	609,666	—	—
Total investments in securities	\$194,756,738	\$3,544,679	\$191,039,273	\$172,786

Derivatives:

Assets				
Futures	\$11,415	\$11,415	—	—
Forward foreign currency contracts	17,041	—	\$17,041	—
Swap contracts	20,041	—	20,041	—
Liabilities				
Futures	(21,678)	(21,678)	—	—
Forward foreign currency contracts	(56,566)	—	(56,566)	—

International Strategic Equity Allocation Fund

Investments in securities:

Assets				
Common stocks				
Australia	\$65,437,018	—	\$65,437,018	—
Austria	2,834,733	—	2,834,733	—
Belgium	3,739,088	—	3,739,088	—
Brazil	12,262,330	\$12,262,330	—	—
Canada	125,898,484	125,898,484	—	—
Chile	2,902,601	2,664,559	238,042	—
China	128,924,884	47,811,132	81,113,752	—
Colombia	761,963	761,963	—	—
Czech Republic	503,400	—	503,400	—
Denmark	29,362,743	—	29,362,743	—
Finland	12,796,322	—	12,796,322	—
France	44,633,216	—	44,633,216	—
Germany	92,060,982	—	92,060,982	—
Hong Kong	45,789,377	365,977	45,423,400	—
Hungary	1,375,383	—	1,375,383	—

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	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
International Strategic Equity Allocation Fund (continued)				
Indonesia	\$5,071,168	—	\$5,071,168	—
Ireland	10,323,136	\$409,448	9,913,688	—

Isle of Man	315,843	—	315,843	—
Israel	5,722,982	2,956,320	2,766,662	—
Italy	15,035,324	—	15,035,324	—
Japan	320,920,688	—	320,920,688	—
Luxembourg	1,741,953	—	1,741,953	—
Macau	901,629	—	901,629	—
Malaysia	6,318,184	—	6,318,184	—
Mexico	8,262,663	8,262,663	—	—
Netherlands	54,731,403	2,729,240	52,002,163	—
New Zealand	1,506,566	—	1,506,566	—
Norway	2,750,528	—	2,750,528	—
Peru	1,358,089	1,358,089	—	—
Philippines	3,693,212	—	3,692,930	\$282
Poland	1,821,836	—	1,821,836	—
Portugal	1,762,077	—	1,762,077	—
Romania	153,418	—	153,418	—
Russia	97,338	—	97,338	—
Singapore	4,052,312	—	4,052,312	—
South Africa	15,272,886	—	15,272,886	—
South Korea	72,834,889	—	72,834,889	—
Spain	27,784,992	—	27,784,992	—
Sweden	30,700,954	—	30,700,954	—
Switzerland	102,976,742	—	102,976,742	—
Taiwan	49,826,212	—	49,826,212	—
Thailand	8,024,962	—	8,024,962	—
Turkey	940,706	—	940,706	—
United Arab Emirates	2,013	—	2,013	—
United Kingdom	98,991,467	876,035	98,115,432	—
United States	5,484,199	5,320,095	164,104	—
Preferred securities				
Brazil	4,663,520	4,663,520	—	—
Chile	342,519	342,519	—	—
Colombia	353,338	353,338	—	—
Germany	6,312,313	—	6,312,313	—
South Korea	4,202,090	—	4,202,090	—
Exchange-traded funds	57,805,025	57,805,025	—	—
Rights	45,502	45,502	—	—
Warrants	1,547	1,547	—	—
Short-term investments	119,362,167	69,677,291	49,684,876	—
Total investments in securities	\$1,621,750,916	\$344,565,077	\$1,277,185,557	\$282
Derivatives:				
Assets				
Futures	\$9,012,413	\$9,012,413	—	—

International Value Fund

Investments in securities:

Assets

Common stocks

Australia	\$1,057,443	—	\$1,057,443	—
Bermuda	2,210,089	\$2,210,089	—	—
Canada	7,382,037	7,382,037	—	—
China	868,312	—	868,312	—

Czech Republic	626,856	—	626,856	—
Denmark	3,228,267	—	3,228,267	—
Finland	3,359,610	—	3,359,610	—

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	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
International Value Fund (continued)				
France	\$28,154,525	—	\$28,154,525	—
Germany	13,040,840	—	13,040,840	—
Greece	1,628,423	—	1,628,423	—
Hong Kong	3,154,729	—	3,154,729	—
Hungary	1,704,106	—	1,704,106	—
India	1,197,635	\$1,197,635	—	—
Indonesia	1,906,191	—	1,906,191	—
Ireland	2,722,424	—	2,722,424	—
Italy	3,453,966	—	3,453,966	—
Japan	46,576,947	—	46,576,947	—
Macau	992,730	—	992,730	—
Netherlands	9,762,183	1,210,956	8,551,227	—
Norway	1,914,343	—	1,914,343	—
Singapore	2,000,242	—	2,000,242	—
South Korea	9,768,882	2,026,495	7,742,387	—
Spain	2,504,555	—	2,504,555	—
Sweden	2,642,716	—	2,642,716	—
Switzerland	17,456,370	—	17,456,370	—
Taiwan	717,816	—	717,816	—
United Kingdom	29,813,467	4,786,741	25,026,726	—
United States	1,677,196	1,677,196	—	—
Short-term investments	9,513,326	9,513,326	—	—
Total investments in securities	\$211,036,226	\$30,004,475	\$181,031,751	—

Mid Cap Stock Fund

Investments in securities:

Assets

Common stocks

Communication services	\$93,235,661	\$93,235,661	—	—
Consumer discretionary	286,912,349	255,236,974	\$30,554,073	\$1,121,302
Consumer staples	72,772,634	72,772,634	—	—
Financials	18,275,627	18,275,627	—	—
Health care	381,769,008	361,803,095	19,965,913	—
Industrials	109,815,898	109,815,898	—	—
Information technology	545,832,529	545,832,529	—	—
Preferred securities	39,719,158	—	—	39,719,158
Exchange-traded funds	76,836,090	76,836,090	—	—
Warrants	129,874	—	129,874	—
Short-term investments	240,575,375	196,375,375	44,200,000	—
Total investments in securities	\$1,865,874,203	\$1,730,183,883	\$94,849,860	\$40,840,460

Mid Value Fund**Investments in securities:****Assets****Common stocks**

Communication services	\$61,217,344	\$61,217,344	—	—
Consumer discretionary	35,997,991	31,543,897	\$4,454,094	—
Consumer staples	108,585,621	99,566,864	9,018,757	—
Energy	139,804,354	129,839,368	9,964,986	—
Financials	196,278,831	183,273,788	13,005,043	—
Health care	202,473,886	199,201,170	3,272,716	—
Industrials	107,266,983	103,632,098	3,634,885	—
Information technology	35,844,783	35,844,783	—	—
Materials	135,428,327	120,333,059	15,095,268	—
Real estate	78,068,002	78,068,002	—	—
Utilities	54,164,797	54,164,797	—	—
Preferred securities	3,206,108	3,206,108	—	—

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	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Mid Value Fund (continued)				
Corporate bonds	\$1,116,450	—	\$1,116,450	—
Short-term investments	110,905,416	\$110,905,416	—	—
Total investments in securities	\$1,270,358,893	\$1,210,796,694	\$59,562,199	—

Multi-Index Lifestyle Aggressive Portfolio**Investments in securities:****Assets**

Affiliated investment companies	\$228,109,939	\$228,109,939	—	—
Unaffiliated investment companies	113,557,431	113,557,431	—	—
Short-term investments	151,877	151,877	—	—
Total investments in securities	\$341,819,247	\$341,819,247	—	—

Multi-Index Lifestyle Balanced Portfolio**Investments in securities:****Assets**

Affiliated investment companies	\$343,521,612	\$343,521,612	—	—
Unaffiliated investment companies	533,395,075	533,395,075	—	—
Short-term investments	84,532,995	84,532,995	—	—
Total investments in securities	\$961,449,682	\$961,449,682	—	—

Multi-Index Lifestyle Conservative Portfolio**Investments in securities:****Assets**

Affiliated investment companies	\$19,015,124	\$19,015,124	—	—
Unaffiliated investment companies	160,661,162	160,661,162	—	—
Short-term investments	5,607,920	5,607,920	—	—

Total investments in securities	\$185,284,206	\$185,284,206	—	—
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Multi-Index Lifestyle Growth Portfolio

Investments in securities:

Assets				
Affiliated investment companies	\$430,194,733	\$430,194,733	—	—
Unaffiliated investment companies	387,470,514	387,470,514	—	—
Short-term investments	5,895,568	5,895,568	—	—
Total investments in securities	\$823,560,815	\$823,560,815	—	—

Multi-Index Lifestyle Moderate Portfolio

Investments in securities:

Assets				
Affiliated investment companies	\$63,203,718	\$63,203,718	—	—
Unaffiliated investment companies	182,025,892	182,025,892	—	—
Short-term investments	5,976,593	5,976,593	—	—
Total investments in securities	\$251,206,203	\$251,206,203	—	—

Opportunistic Fixed Income Fund

Investments in securities:

Assets				
U.S. Government and Agency obligations	\$9,723,180	—	\$9,723,180	—
Foreign government obligations	18,020,516	—	18,020,516	—
Corporate bonds	2,243,178	—	2,243,178	—
Convertible bonds	7,266	—	7,266	—
Municipal bonds	643,614	—	643,614	—

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	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Opportunistic Fixed Income Fund (continued)				
Term loans	\$3,372,300	—	\$3,372,300	—
Collateralized mortgage obligations	3,424,104	—	3,424,104	—
Asset backed securities	2,487,412	—	2,487,412	—
Exchange-traded funds	3,709,856	\$3,709,856	—	—
Short-term investments	3,485,489	3,485,489	—	—
Total investments in securities	\$47,116,915	\$7,195,345	\$39,921,570	—
Derivatives:				
Assets				
Futures	\$44,957	\$44,957	—	—
Forward foreign currency contracts	105,821	—	\$105,821	—
Swap contracts	433,469	—	433,469	—
Liabilities				
Futures	(15,780)	(15,780)	—	—
Forward foreign currency contracts	(196,283)	—	(196,283)	—
Swap contracts	(333,870)	—	(333,870)	—

Real Estate Securities Fund

Investments in securities:
Assets

Common stocks	\$303,867,399	\$303,867,399	—	—
Short-term investments	6,855,574	6,855,574	—	—
Total investments in securities	\$310,722,973	\$310,722,973	—	—

Science & Technology Fund
Investments in securities:
Assets
Common stocks

Communication services	\$59,156,991	\$52,325,216	\$6,831,775	—
Consumer discretionary	49,500,098	36,227,881	13,272,217	—
Health care	4,067,626	4,067,626	—	—
Industrials	1,963,452	1,963,452	—	—
Information technology	162,253,664	151,644,571	10,609,093	—
Real estate	160,455	160,455	—	—
Preferred securities	1,586,325	—	—	\$1,586,325
Exchange-traded funds	1,271,019	1,271,019	—	—
Term loans	325,200	—	325,200	—
Short-term investments	27,232,526	22,926,526	4,306,000	—
Total investments in securities	\$307,517,356	\$270,586,746	\$35,344,285	\$1,586,325

Strategic Equity Allocation Fund
Investments in securities:
Assets
Common stocks

Communication services	\$564,132,674	\$409,226,387	\$154,904,542	\$1,745
Consumer discretionary	726,092,766	511,749,710	214,342,577	479
Consumer staples	443,926,715	245,783,566	198,143,149	—
Energy	253,312,561	197,905,118	55,407,443	—
Financials	935,549,556	609,461,126	326,087,076	1,354
Health care	859,044,395	608,601,180	250,421,021	22,194
Industrials	681,789,458	424,664,895	257,124,563	—
Information technology	1,257,531,402	1,011,448,654	246,082,748	—
Materials	318,024,573	184,273,954	133,750,619	—
Real estate	219,960,456	154,956,894	65,003,562	—
Utilities	193,208,286	121,920,971	71,255,806	31,509

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	Total value at 5-31-20	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
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Strategic Equity Allocation Fund (continued)
Preferred securities

Communication services	\$422,128	\$422,128	—	—
Consumer discretionary	6,595,478	399,829	\$6,195,649	—
Consumer staples	2,752,554	129,958	2,622,596	—
Energy	1,621,212	1,621,212	—	—
Financials	4,998,853	4,998,853	—	—

Health care	1,913,905	—	1,913,905	—
Information technology	5,695,383	—	5,695,383	—
Materials	1,418,250	801,550	616,700	—
Utilities	336,189	336,189	—	—
Exchange-traded funds	95,992,543	95,992,543	—	—
Rights	127,722	98,134	3,417	\$26,171
Warrants	2,885	2,885	—	—
Short-term investments	332,643,272	173,275,738	159,367,534	—
Total investments in securities	\$6,907,093,216	\$4,758,071,474	\$2,148,938,290	\$83,452
Derivatives:				
Assets				
Futures	\$9,343,642	\$9,343,642	—	—
Liabilities				
Futures	(51,196)	(51,196)	—	—

U.S. High Yield Bond Fund

Investments in securities:

Assets				
Corporate bonds	\$208,598,710	—	\$208,598,710	—
Convertible bonds	724,319	—	724,319	—
Term loans	7,039,096	—	7,039,096	—
Rights	215,025	—	215,025	—
Escrow certificates	19,800	—	—	\$19,800
Short-term investments	13,026,405	\$13,026,405	—	—
Total investments in securities	\$229,623,355	\$13,026,405	\$216,577,150	\$19,800

U.S. Sector Rotation Fund

Investments in securities:

Assets				
Common stocks				
Communication services	\$120,801,397	\$120,800,715	—	\$682
Consumer discretionary	114,874,013	114,871,205	\$2,808	—
Consumer staples	65,114,893	65,114,893	—	—
Energy	48,842,729	48,842,729	—	—
Financials	140,410,353	140,409,793	—	560
Health care	162,407,274	162,407,274	—	—
Industrials	95,917,158	95,917,158	—	—
Information technology	282,227,797	282,227,797	—	—
Materials	37,672,168	37,672,168	—	—
Real estate	31,439,499	31,439,499	—	—
Utilities	26,926,405	26,926,405	—	—
Preferred securities	9,270	9,270	—	—
Rights	8,831	8,831	—	—
Short-term investments	31,533,037	5,402,961	26,130,076	—
Total investments in securities	\$1,158,184,824	\$1,132,050,698	\$26,132,884	\$1,242
Derivatives:				
Assets				
Futures	\$1,889,526	\$1,889,526	—	—

The following is a reconciliation of Level 3 assets for which significant unobservable inputs were used to determine fair value. Transfers into or out of Level 3, if any, represent the beginning value of any security or instrument where a change in the level has occurred from the beginning to the end of the period and in all cases were transferred into or out of Level 2. Securities were transferred out of Level 3 since observable market data became available due to the increased market activity of these securities.

Mid Cap Stock Fund	Common stocks	Preferred securities	Total
Balance as of 8-31-19	\$7,241,730	\$56,410,566	\$63,652,296
Realized gain (loss)	(27,360)	1,289,303	1,261,943
Change in unrealized appreciation (depreciation)	(2,347,034)	(13,384,706)	(15,731,740)
Purchases	—	—	—
Sales	(79,341)	(4,596,005)	(4,675,346)
Transfers into Level 3	—	—	—
Transfers out of Level 3	(3,666,693)	—	(3,666,693)
Balance as of 5-31-20	\$1,121,302	\$39,719,158	\$40,840,460
Change in unrealized at period end ¹	\$160,092	\$(13,384,706)	\$(13,224,614)

¹ Change in unrealized appreciation (depreciation) attributable to Level 3 securities held at period end.

The valuation techniques and significant amounts of unobservable inputs used in the fair value measurement of the funds' Level 3 securities are outlined in the table below.

Mid Cap Stock Fund	Fair Value at 5-31-20	Valuation technique	Significant unobservable inputs	Input/Range*
Common stocks	\$ 1,121,302	Transaction Indicative of Value	Prior/recent transactions	\$19.49
Preferred securities	\$ 2,426,231	Transaction Indicative of Value	Prior/recent transactions	\$12.52
		Option Model	Probability weighting	70.0%
			OPM - Volatility	40.0%
			Discount	20.0%
	20,417,581	Market Comparable	EV to revenue multiple	1.32x - 1.81x (weighted average 1.55x)
			Discount	17.5%
	2,503,869	Transaction Indicative of Value	Prior/recent transactions	\$19.49
	14,286,715	Market Comparable	EV to revenue multiple	3.17x - 5.54x (weighted average 4.14x)
			Discount	25.0%
			OPM - Volatility	20.0% - 45.0% (weighted average 36.9%)
	84,762	Recovery Value	Expected future value	\$0.36
			Discount	55.0%
	<u>\$ 39,719,158</u>			
Total	\$40,840,460			

* A weighted average is an average in which each input in the grouping is assigned a weighting before summing to a single average value. The weighting of the input is determined based on a security's fair value as a percentage of the total fair value.

A change to unobservable inputs of the funds' Level 3 securities as of May 31, 2020, could have resulted in changes to the fair value measurement, as follows:

Significant Unobservable Input	Impact to Valuation if input had increased	Impact to Valuation if input had decreased
Discount	Decrease	Increase
Enterprise value ("EV") to revenue multiple	Increase	Decrease
Expected future value	Increase	Decrease
Options Pricing Method (OPM) - Volatility	Variable	Variable
Prior/recent transactions	Increase	Decrease

Investment in affiliated underlying funds. John Hancock Multi-Index Lifestyle Portfolios invest primarily in affiliated underlying funds that are managed by the Advisor and its affiliates. The funds do not invest in the affiliated underlying funds for the purpose of exercising management or control; however, the funds' investment may represent a significant portion of each underlying funds' net assets.

Information regarding the funds' fiscal year to date purchases and sales of the affiliated underlying funds as well as income and capital gains earned by the funds, if any, is as follows:

Affiliate	Ending share amount	Beginning value	Cost of purchases	Proceeds from shares sold	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Dividends and distributions		Ending value
							Income distributions received	Capital gain distributions received	
Capital Appreciation Fund									
John Hancock Collateral Trust	6,236,222	\$25,457,039	\$534,260,976	\$(497,346,762)	\$35,662	\$28,267	\$266,719	—	\$62,435,182
Capital Appreciation Value Fund									
John Hancock Collateral Trust	175,654	—	\$141,521,311	\$(139,769,594)	\$6,447	\$434	\$35,489	—	\$1,758,598
Core Bond Fund									
John Hancock Collateral Trust	303,211	\$1,019,314	\$10,257,558	\$(8,240,373)	\$(1,045)	\$207	\$3,904	—	\$3,035,661
High Yield Fund									
John Hancock Collateral Trust	39,454	\$877,204	\$21,031,575	\$(21,508,538)	\$(5,324)	\$84	\$18,216	—	\$395,001
International Strategic Equity Allocation Fund									
John Hancock Collateral Trust	6,959,586	—	\$343,149,925	\$(273,531,625)	\$(7,944)	\$66,935	\$399,327	—	\$69,677,291
International Value Fund									
John Hancock Collateral Trust	476,672	\$937,826	\$35,481,180	\$(31,652,366)	\$5,711	\$(51)	\$14,646	—	\$4,772,300
Mid Cap Stock Fund									
John Hancock Collateral Trust	19,614,588	\$26,551,791	\$723,451,354	\$(553,752,334)	\$3,846	\$120,718	\$1,285,236	—	\$196,375,375
Mid Value Fund									
John Hancock Collateral Trust	9,787,175	\$10,825,459	\$349,794,822	\$(262,665,542)	\$(5,835)	\$37,360	\$166,578	—	\$97,986,264

Multi-Index Lifestyle Aggressive Portfolio

John Hancock Collateral Trust	—	—	\$196,179,776	\$(196,185,586)	\$5,810	—	\$24,073	—	—
Strategic Equity Allocation	20,946,735	\$226,266,576	31,841,234	(24,414,377)	(4,550,330)	\$(1,033,164)	5,177,603	\$2,568,488	\$228,109,939
					\$(4,544,520)	\$(1,033,164)	\$5,201,676	\$2,568,488	\$228,109,939

Multi-Index Lifestyle Balanced Portfolio

John Hancock Collateral Trust	8,443,316	\$53,581,782	\$742,819,956	\$(711,756,718)	\$(151,007)	\$37,929	\$332,748	—	\$84,531,942
Strategic Equity Allocation	31,544,684	343,540,970	46,803,331	(41,784,891)	(6,098,931)	1,061,133	7,719,979	\$3,829,702	343,521,612
					\$(6,249,938)	\$1,099,062	\$8,052,727	\$3,829,702	\$428,053,554

Multi-Index Lifestyle Conservative Portfolio

John Hancock Collateral Trust	560,031	\$12,589,826	\$193,773,437	\$(200,739,245)	\$(28,235)	\$11,084	\$111,972	—	\$5,606,867
Strategic Equity Allocation	1,746,109	20,951,644	6,898,210	(8,785,252)	(1,330,089)	1,280,611	436,120	\$216,349	19,015,124
					\$(1,358,324)	\$1,291,695	\$548,092	\$216,349	\$24,621,991

Multi-Index Lifestyle Growth Portfolio

John Hancock Collateral Trust	534,675	\$16,547,429	\$521,645,441	\$(532,851,031)	\$4,108	\$7,059	\$189,289	—	\$5,353,006
Strategic Equity Allocation	39,503,649	434,224,242	46,830,496	(42,252,832)	(7,181,368)	(1,425,805)	9,856,695	\$4,889,677	430,194,733
					\$(7,177,260)	\$(1,418,746)	\$10,045,984	\$4,889,677	\$435,547,739

Multi-Index Lifestyle Moderate Portfolio

John Hancock Collateral Trust	583,343	\$12,169,739	\$302,570,637	\$(308,909,502)	\$391	\$8,993	\$118,201	—	\$5,840,258
Strategic Equity Allocation	5,803,831	66,838,092	13,821,099	(16,870,256)	(2,429,013)	1,843,796	1,454,913	\$721,748	63,203,718
					\$(2,428,622)	\$1,852,789	\$1,573,114	\$721,748	\$69,043,976

Real Estate Securities Fund

John Hancock Collateral Trust	187,867	—	\$27,540,771	\$(25,660,381)	\$(1,633)	\$2,116	\$3,804	—	\$1,880,873
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Affiliate	Ending share amount	Beginning value	Cost of purchases	Proceeds from shares sold	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Dividends and distributions		Ending value
							Income distributions received	Capital gain distributions received	
Science & Technology Fund									

John Hancock Collateral Trust	1,228,209	\$9,739,733	\$82,687,457	\$(80,137,918)	\$941	\$6,247	\$51,240	—	\$12,296,460
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Strategic Equity Allocation Fund

John Hancock Collateral Trust	17,307,324	\$80,031,817	\$993,671,078	\$(900,579,176)	\$(35,599)	\$187,618	\$1,604,699	—	\$173,275,738
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U.S. High Yield Bond Fund

John Hancock Collateral Trust	694,972	\$12,857,869	\$58,598,181	\$(64,497,661)	\$(7,263)	\$6,727	\$91,496	—	\$6,957,853
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U.S. Sector Rotation Fund

John Hancock Collateral Trust	539,665	\$4,141,717	\$32,613,748	\$(31,355,943)	\$(466)	\$3,905	\$43,063	—	\$5,402,961
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Restricted securities. The funds may hold restricted securities which are restricted as to resale and the funds have limited rights to registration under the Securities Act of 1933. Disposal may involve time-consuming negotiations and expenses, and prompt sale at an acceptable price may be difficult to achieve. The following table summarizes the restricted securities held at May 31, 2020:

Issuer, Description	Original acquisition date	Acquisition cost	Beginning share amount	Shares purchased	Shares sold	Ending share amount	Value as a percentage of net assets	Ending value
Health Sciences Fund								
Acerta Pharma BV, Class B	2-8-16	\$146,475	4,892,850	—	—	4,892,850	0.1%	\$463,842
Doximity, Inc.	4-10-14	307,268	63,738	—	—	63,738	0.2%	910,816
JAND, Inc., Class A	4-23-15	194,538	16,938	—	—	16,938	0.1%	330,174
JAND, Inc., Series D	4-23-15	434,397	37,822	—	—	37,822	0.2%	737,268
								\$2,442,100
High Yield Fund								
KCAD Holdings I, Ltd.	3-21-11	\$6,150,520	752,218,031	—	—	752,218,031	0.0%*	\$752
MWO Holdings LLC	8-30-16	1,116,559	1,134	—	—	1,134	0.0%*	65,851
New Cotai, Inc., Class B	4-12-13	—	11	—	—	11	0.0%	—
								\$66,603
Mid Cap Stock Fund								
Coupang LLC	11-20-14	\$4,300,618	2,300,670	—	(919,221)	1,381,449	0.6%	\$10,830,560
DraftKings, Inc. (Common stock)	12-4-14	3,652,759	819,041	—	—	819,041	1.8%	30,554,073
DraftKings, Inc. (Warrant)	12-4-14	13,933	4,973	—	—	4,973	0.0%*	129,874
Essence Group Holdings Corp.	5-1-14	5,083,384	2,958,957	—	—	2,958,957	0.5%	9,587,021
JAND, Inc., Class A	4-23-15	635,744	57,523	—	—	57,523	0.1%	1,121,302
JAND, Inc., Series D	4-23-15	1,419,614	128,449	—	—	128,449	0.2%	2,503,869
Lookout, Inc., Series F	7-31-14	4,276,874	392,767	—	—	392,767	0.2%	2,769,007
MarkLogic Corp., Series F	4-27-15	6,431,120	580,011	—	—	580,011	0.4%	6,414,922
The Honest Company, Inc., Series C	8-20-14	3,966,620	142,030	—	—	142,030	0.3%	4,611,714
The Honest Company, Inc., Series D	8-3-15	490,560	12,795	—	—	12,795	0.0%*	491,072
The We Company, Inc., Series D1	12-8-14	3,335,927	184,328	—	—	184,328	0.1%	1,292,139
The We Company, Inc., Series D2	12-8-14	3,472,011	161,782	—	—	161,782	0.1%	1,134,092
								\$71,439,645
Science & Technology Fund								

Airbnb, Inc., Series E	7-14-15	\$1,526,562	16,398	—	—	16,398	0.3%	\$901,890
DiDi Chuxing, Inc.	10-19-15	460,705	16,798	—	—	16,798	0.3%	684,435
								\$1,586,325

* Less than 0.05%.

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