

Semiannual report

John Hancock Funds II

February 28, 2023

John Hancock Funds II

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John Hancock Funds II

Sector, industry or portfolio composition

Capital Appreciation Fund

Sector Composition (% of net assets)

Information technology	38.9
Consumer discretionary	25.2
Health care	13.7
Communication services	9.2
Consumer staples	4.0
Financials	2.9
Industrials	2.5
Energy	1.7
Real estate	1.4
Short-term investments and other	0.5

Capital Appreciation Value Fund

Portfolio Composition (% of net assets)

Common stocks	65.8
Term loans	12.3
Corporate bonds	9.5
U.S. Government	9.0
Preferred securities	0.5
Short-term investments and other	2.9

Core Bond Fund

Portfolio Composition (% of total investments)

U.S. Government Agency	26.9
U.S. Government	25.8
Corporate bonds	24.2
Asset backed securities	10.1
Collateralized mortgage obligations	8.7
Foreign government obligations	0.8
Municipal bonds	0.2
Short-term investments	3.3

Health Sciences Fund

Industry Composition (% of net assets)

Biotechnology	29.7
Health care providers and services	19.6
Life sciences tools and services	16.8
Pharmaceuticals	16.6
Health care equipment and supplies	15.2
Health care technology	1.0
Chemicals	0.1
Specialty retail	0.1
Short-term investments and other	0.9

High Yield Fund

Portfolio Composition (% of net assets)

Corporate bonds	82.4
Asset backed securities	7.4
Term loans	5.8
Convertible bonds	0.7
Common stocks	0.6
Foreign government obligations	0.4
Preferred securities	0.3
Short-term investments and other	2.4

International Strategic Equity Allocation Fund

Sector Composition (% of net assets)

Financials	20.1
Industrials	11.4
Consumer discretionary	10.4
Information technology	9.0
Health care	8.8
Consumer staples	8.5
Materials	8.2
Energy	6.6
Communication services	5.5
Utilities	2.9
Real estate	2.0
Short-term investments and other	6.6

Mid Value Fund

Sector Composition (% of net assets)

Financials	14.9
Industrials	14.4
Health care	10.4
Consumer discretionary	8.8
Energy	8.6
Information technology	8.4
Consumer staples	7.2
Materials	6.6
Real estate	5.9
Utilities	5.3
Communication services	4.9
Short-term investments and other	4.6

Science & Technology Fund

Sector Composition (% of net assets)

Information technology	59.0
Consumer discretionary	22.2
Communication services	14.3
Real estate	0.3
Health care	0.3
Short-term investments and other	3.9

U.S. Sector Rotation Fund

Sector Composition (% of net assets)

Information technology	26.7
Health care	15.0
Financials	10.7
Consumer discretionary	10.3
Industrials	7.7
Communication services	7.5
Consumer staples	7.0
Energy	5.6
Utilities	2.6
Materials	2.5
Real estate	2.5
Short-term investments and other	1.9

Notes about risk

The funds are subject to various risks as described in the funds' prospectuses. Political tensions and armed conflicts, including the Russian invasion of Ukraine, and any resulting economic sanctions on entities and/or individuals of a particular country could lead such a country into an economic recession. The COVID-19 disease has resulted in significant disruptions to global business activity. A widespread health crisis such as a global pandemic could cause substantial market volatility, exchange-trading suspensions, and closures, which may lead to less liquidity in certain instruments, industries, sectors, or the markets, generally, and may ultimately affect fund performance. For more information, see the funds' prospectuses.

John Hancock Funds II

Shareholder expense example

As a shareholder of John Hancock Funds II, you incur ongoing costs, such as management fees, distribution (Rule 12b-1) fees and other expenses.

These examples are intended to help you understand your ongoing costs (in dollars) of investing in a fund so you can compare these costs with the ongoing costs of investing in other mutual funds. The examples are based on an investment of \$1,000 at the beginning of the period and held for the entire period (September 1, 2022 through February 28, 2023).

Actual expenses:

The first line of each share class in the following table provides information about actual account values and actual expenses. You may use the information in this line, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the first line under the heading entitled "Expenses paid during period ended" to estimate the expenses you paid on your account during this period.

Hypothetical example for comparison purposes:

The second line of each share class in the following table provides information about hypothetical account values and hypothetical expenses based on the actual expense ratio for the share class and an assumed annualized rate of return of 5% per year before expenses, which is not the actual return of the share class. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in a fund and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. Please remember that these hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transactional costs and insurance-related charges. Therefore, the second line of each share class in the table is useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transactional costs were included, your costs would have been higher.

		Account value on 9-1-2022	Ending value on 2-28-2023	Expenses paid during period ended 2-28-2023 ¹	Annualized expense ratio
Capital Appreciation Fund					
Class 1	Actual expenses/actual returns	\$1,000.00	\$ 982.30	\$3.93	0.80%
	Hypothetical example	1,000.00	1,020.80	4.01	0.80%
Class NAV	Actual expenses/actual returns	1,000.00	982.50	3.69	0.75%
	Hypothetical example	1,000.00	1,021.10	3.76	0.75%
Capital Appreciation Value Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,014.70	\$4.20	0.84%
	Hypothetical example	1,000.00	1,020.60	4.21	0.84%
Core Bond Fund					
Class 1	Actual expenses/actual returns	\$1,000.00	\$ 980.30	\$3.29	0.67%
	Hypothetical example	1,000.00	1,021.50	3.36	0.67%
Class NAV	Actual expenses/actual returns	1,000.00	980.60	3.04	0.62%
	Hypothetical example	1,000.00	1,021.70	3.11	0.62%
Health Sciences Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,005.30	\$4.72	0.95%
	Hypothetical example	1,000.00	1,020.10	4.76	0.95%
High Yield Fund					
Class 1	Actual expenses/actual returns	\$1,000.00	\$1,025.30	\$4.27	0.85%
	Hypothetical example	1,000.00	1,020.60	4.26	0.85%
International Strategic Equity Allocation Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,073.00	\$2.88	0.56%
	Hypothetical example	1,000.00	1,022.00	2.81	0.56%
Mid Value Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,111.10	\$4.55	0.87%
	Hypothetical example	1,000.00	1,020.50	4.36	0.87%
Science & Technology Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,077.00	\$5.36	1.04%
	Hypothetical example	1,000.00	1,019.60	5.21	1.04%

John Hancock Funds II

Shareholder expense example

		Account value on 9-1-2022	Ending value on 2-28-2023	Expenses paid during period ended 2-28-2023 ¹	Annualized expense ratio
U.S. Sector Rotation Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,006.20	\$2.69	0.54%
	Hypothetical example	1,000.00	1,022.10	2.71	0.54%

¹ Expenses are equal to the annualized expense ratio, multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period).

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 98.8%		
Communication services – 9.2%		
Entertainment – 2.1%		
Netflix, Inc. (A)	64,854	\$ 20,891,419
ROBLOX Corp., Class A (A)	167,361	6,132,107
		27,023,526
Interactive media and services – 5.3%		
Alphabet, Inc., Class A (A)	318,735	28,705,274
Alphabet, Inc., Class C (A)	313,463	28,305,709
Meta Platforms, Inc., Class A (A)	70,564	12,344,466
		69,355,449
Media – 0.5%		
The Trade Desk, Inc., Class A (A)	118,039	6,605,462
Wireless telecommunication services – 1.3%		
T-Mobile US, Inc. (A)	123,476	17,555,818
		120,540,255
Consumer discretionary – 24.5%		
Automobiles – 4.7%		
Tesla, Inc. (A)	298,248	61,352,596
Hotels, restaurants and leisure – 3.4%		
Airbnb, Inc., Class A (A)	111,160	13,703,805
Chipotle Mexican Grill, Inc. (A)	4,803	7,161,657
Marriott International, Inc., Class A	82,133	13,900,189
McDonald's Corp.	35,214	9,293,327
		44,058,978
Internet and direct marketing retail – 6.5%		
Amazon.com, Inc. (A)	651,217	61,364,178
MercadoLibre, Inc. (A)	20,033	24,440,260
		85,804,438
Specialty retail – 4.2%		
O'Reilly Automotive, Inc. (A)	17,685	14,680,319
The Home Depot, Inc.	58,550	17,362,417
The TJX Companies, Inc.	241,293	18,483,044
Ulta Beauty, Inc. (A)	7,773	4,032,632
		54,558,412
Textiles, apparel and luxury goods – 5.7%		
Lululemon Athletica, Inc. (A)	65,105	20,130,466
LVMH Moët Hennessy Louis Vuitton SE	49,733	41,344,350
NIKE, Inc., Class B	111,332	13,225,128
		74,699,944
		320,474,368
Consumer staples – 4.0%		
Food and staples retailing – 2.2%		
Costco Wholesale Corp.	59,473	28,795,637
Personal products – 1.8%		
L'Oreal SA	39,813	15,736,996
The Estée Lauder Companies, Inc., Class A	31,782	7,724,615
		23,461,611
		52,257,248
Energy – 1.7%		
Energy equipment and services – 1.7%		
Schlumberger, Ltd.	412,574	21,953,063
Financials – 2.9%		
Capital markets – 2.9%		
Moody's Corp.	20,640	5,988,696
S&P Global, Inc.	53,714	18,327,217
The Goldman Sachs Group, Inc.	40,197	14,135,275
		38,451,188

Capital Appreciation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care – 13.7%		
Biotechnology – 1.4%		
Vertex Pharmaceuticals, Inc. (A)	60,493	\$ 17,560,513
Health care equipment and supplies – 2.5%		
Abbott Laboratories	62,946	6,402,867
DexCom, Inc. (A)	114,452	12,705,317
Intuitive Surgical, Inc. (A)	61,301	14,061,836
		33,170,020
Health care providers and services – 1.8%		
UnitedHealth Group, Inc.	50,482	24,026,403
Life sciences tools and services – 2.2%		
Danaher Corp.	71,891	17,795,179
Thermo Fisher Scientific, Inc.	20,841	11,290,820
		29,085,999
Pharmaceuticals – 5.8%		
AstraZeneca PLC, ADR	194,002	12,645,050
Eli Lilly & Company	111,002	34,546,042
Novo Nordisk A/S, ADR	202,684	28,576,417
		75,767,509
		179,610,444
Industrials – 2.5%		
Aerospace and defense – 0.6%		
Northrop Grumman Corp.	17,233	7,998,008
Road and rail – 1.9%		
Uber Technologies, Inc. (A)	766,324	25,487,936
		33,485,944
Information technology – 38.9%		
IT services – 8.8%		
Adyen NV (A)(B)	10,557	14,963,801
Mastercard, Inc., Class A	108,482	38,542,570
Snowflake, Inc., Class A (A)	98,366	15,185,743
Visa, Inc., Class A	213,134	46,876,692
		115,568,806
Semiconductors and semiconductor equipment – 11.7%		
Advanced Micro Devices, Inc. (A)	223,048	17,527,112
ASML Holding NV, NYRS	29,095	17,972,854
Broadcom, Inc.	44,981	26,731,758
NVIDIA Corp.	390,986	90,771,310
		153,003,034
Software – 12.0%		
Adobe, Inc. (A)	54,361	17,610,246
Atlassian Corp., Class A (A)	80,528	13,233,166
Cadence Design Systems, Inc. (A)	47,430	9,151,144
CrowdStrike Holdings, Inc., Class A (A)	79,923	9,645,907
Microsoft Corp.	371,765	92,725,628
salesforce.com, Inc. (A)	92,819	15,186,117
		157,552,208
Technology hardware, storage and peripherals – 6.4%		
Apple, Inc.	565,890	83,417,845
		509,541,893
Real estate – 1.4%		
Equity real estate investment trusts – 1.4%		
American Tower Corp.	91,524	18,122,667
TOTAL COMMON STOCKS (Cost \$712,812,562)		\$ 1,294,437,070
PREFERRED SECURITIES – 0.7%		
Consumer discretionary – 0.7%		
Automobiles – 0.7%		
Dr. Ing. h.c. F. Porsche AG (A)(C)	77,284	9,313,820
TOTAL PREFERRED SECURITIES (Cost \$6,249,368)		\$ 9,313,820

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Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Fund (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 0.6%		
Short-term funds – 0.6%		
John Hancock Collateral Trust, 4.5832% (D)(E)	280,107	\$ 2,799,807
State Street Institutional U.S. Government Money Market Fund, Premier Class, 4.4192% (D)	5,009,734	5,009,734
TOTAL SHORT-TERM INVESTMENTS (Cost \$7,809,568)		\$ 7,809,541
Total Investments (Capital Appreciation Fund) (Cost \$726,871,498) – 100.1%		
Other assets and liabilities, net – (0.1%)		(1,941,070)
TOTAL NET ASSETS – 100.0%		\$ 1,309,619,361

Security Abbreviations and Legend

ADR	American Depositary Receipt
NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(C)	All or a portion of this security is on loan as of 2-28-23.
(D)	The rate shown is the annualized seven-day yield as of 2-28-23.
(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 – 65.8%		
Communication services – 2.2%		
Interactive media and services – 2.2%		
Alphabet, Inc., Class A (A)(B)	214,061	\$ 19,278,334
Meta Platforms, Inc., Class A (B)	37,874	6,625,678
		25,904,012
Consumer discretionary – 5.0%		
Auto components – 0.1%		
Mobileye Global, Inc., Class A (B)(C)	17,334	684,866
Hotels, restaurants and leisure – 2.6%		
Hilton Worldwide Holdings, Inc. (A)	40,300	5,823,753
McDonald's Corp. (A)	4,500	1,187,595
Starbucks Corp. (A)	25,200	2,572,668
Yum! Brands, Inc. (A)	167,164	21,256,574
		30,840,590
Internet and direct marketing retail – 2.3%		
Amazon.com, Inc. (A)(B)	297,134	27,998,937
Multiline retail – 0.0%		
Dollar General Corp. (A)	2,600	562,380
		60,086,773
Consumer staples – 1.9%		
Beverages – 1.0%		
Keurig Dr. Pepper, Inc.	127,972	4,421,433
PepsiCo, Inc. (A)	28,700	4,980,311
The Coca-Cola Company (A)	42,175	2,509,834
		11,911,578
Food and staples retailing – 0.2%		
Walmart, Inc. (A)	21,600	3,070,008
Food products – 0.3%		
Mondelez International, Inc., Class A	37,900	2,470,322

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Food products (continued)		
The Hershey Company (A)	2,894	\$ 689,698
		3,160,020
Household products – 0.4%		
Colgate-Palmolive Company (A)	24,300	1,781,190
The Procter & Gamble Company	21,700	2,985,052
		4,766,242
		22,907,848
Energy – 1.4%		
Oil, gas and consumable fuels – 1.4%		
ConocoPhillips	29,107	3,008,208
EOG Resources, Inc.	82,990	9,379,530
Pioneer Natural Resources Company	22,640	4,537,282
		16,925,020
Financials – 6.6%		
Banks – 2.5%		
The PNC Financial Services Group, Inc.	194,087	30,650,219
Capital markets – 3.4%		
CME Group, Inc. (A)	3,670	680,271
Intercontinental Exchange, Inc.	235,409	23,964,636
KKR & Company, Inc.	218,062	12,287,794
S&P Global, Inc. (A)	9,778	3,336,254
		40,268,955
Insurance – 0.7%		
Marsh & McLennan Companies, Inc. (A)	52,322	8,483,489
		79,402,663
Health care – 16.8%		
Biotechnology – 1.6%		
AbbVie, Inc.	123,900	19,068,210
Karuna Therapeutics, Inc. (B)	1,036	206,599
		19,274,809
Health care equipment and supplies – 5.1%		
Alcon, Inc.	163,749	11,164,859
Baxter International, Inc.	115,127	4,599,324
Becton, Dickinson and Company (A)	81,851	19,198,152
GE Healthcare Technologies, Inc. (B)	123,936	9,419,136
Stryker Corp. (A)	17,973	4,724,742
Teleflex, Inc.	52,243	12,445,850
		61,552,063
Health care providers and services – 2.9%		
UnitedHealth Group, Inc.	71,528	34,043,036
Life sciences tools and services – 6.5%		
Avantor, Inc. (B)	689,925	16,813,472
Danaher Corp.	82,129	20,329,391
PerkinElmer, Inc.	155,451	19,364,531
Thermo Fisher Scientific, Inc.	38,962	21,108,053
		77,615,447
Pharmaceuticals – 0.7%		
Eli Lilly & Company	19,559	6,087,152
Johnson & Johnson (A)	18,100	2,774,006
		8,861,158
		201,346,513
Industrials – 8.1%		
Commercial services and supplies – 1.6%		
Aurora Innovation, Inc. (B)(C)	886,770	1,383,361
Waste Connections, Inc.	126,626	16,957,754

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Commercial services and supplies (continued)		
Waste Management, Inc. (A)	2,953	\$ 442,241
		18,783,356
Industrial conglomerates – 0.6%		
General Electric Company (A)	88,550	7,501,071
Machinery – 3.5%		
Fortive Corp.	360,837	24,053,394
Ingersoll Rand, Inc. (A)	309,604	17,978,704
		42,032,098
Professional services – 2.4%		
Equifax, Inc.	57,323	11,609,627
TransUnion (A)	260,523	17,046,020
		28,655,647
		96,972,172
Information technology – 18.1%		
Electronic equipment, instruments and components – 2.1%		
TE Connectivity, Ltd.	81,610	10,390,585
Teledyne Technologies, Inc. (B)	33,767	14,522,174
		24,912,759
IT services – 1.4%		
Mastercard, Inc., Class A (A)	24,446	8,685,419
Visa, Inc., Class A (A)	35,696	7,850,978
		16,536,397
Semiconductors and semiconductor equipment – 3.6%		
NVIDIA Corp.	45,214	10,496,882
NXP Semiconductors NV (A)	115,713	20,652,456
Texas Instruments, Inc. (A)	68,535	11,750,326
		42,899,664
Software – 8.0%		
Black Knight, Inc. (B)	103,361	6,160,316
Microsoft Corp. (A)	257,341	64,185,990
Roper Technologies, Inc.	34,707	14,930,951
salesforce.com, Inc. (A)(B)	62,046	10,151,346
		95,428,603
Technology hardware, storage and peripherals – 3.0%		
Apple, Inc.	248,400	36,616,644
		216,394,067
Materials – 1.0%		
Chemicals – 1.0%		
Linde PLC	34,906	12,160,203
Utilities – 4.7%		
Electric utilities – 2.4%		
American Electric Power Company, Inc. (A)	7,680	675,610
Duke Energy Corp.	10,720	1,010,467
Exelon Corp.	298,666	12,063,120
Xcel Energy, Inc.	237,200	15,316,004
		29,065,201
Multi-utilities – 2.3%		
Ameren Corp.	221,207	18,296,031
DTE Energy Company	37,181	4,079,128
Public Service Enterprise Group, Inc. (A)	73,400	4,435,562
		26,810,721
		55,875,922
TOTAL COMMON STOCKS (Cost \$750,782,506)		\$ 787,975,193
PREFERRED SECURITIES – 0.5%		
Financials – 0.0%		
Capital markets – 0.0%		
The Charles Schwab Corp., 5.950%	8,000	199,920

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
Utilities – 0.5%		
Electric utilities – 0.1%		
SCE Trust IV, 5.375% (5.375% to 9-15-25, then 3 month LIBOR + 3.132%)	43,502	\$ 875,695
Multi-utilities – 0.4%		
CMS Energy Corp., 5.875%	79,106	1,942,843
CMS Energy Corp., 5.875%	92,989	2,272,651
NiSource, Inc., 6.500% (6.500% to 3-15-24, then 5 Year CMT + 3.632%)	14,343	360,153
		4,575,647
		5,451,342
TOTAL PREFERRED SECURITIES (Cost \$5,948,500)		\$ 5,651,262
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 9.0%		
U.S. Government – 9.0%		
U.S. Treasury Notes		
2.750%, 08/15/2032	\$ 60,557,000	55,031,174
4.125%, 11/15/2032	51,741,400	52,566,029
		107,597,203
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$109,008,394)		\$ 107,597,203
CORPORATE BONDS - 9.5%		
Communication services - 1.4%		
Altice France Holding SA		
10.500%, 05/15/2027 (D)	1,940,000	1,602,304
CCO Holdings LLC		
5.000%, 02/01/2028 (D)	6,912,000	6,264,000
5.125%, 05/01/2027 (D)	8,203,000	7,589,990
5.500%, 05/01/2026 (D)	325,000	313,625
Lamar Media Corp.		
3.625%, 01/15/2031	120,000	98,836
3.750%, 02/15/2028	754,000	667,450
4.875%, 01/15/2029	137,000	126,472
Live Nation Entertainment, Inc.		
4.875%, 11/01/2024 (D)	90,000	87,300
		16,749,977
Consumer discretionary - 3.2%		
Cedar Fair LP		
5.250%, 07/15/2029	2,169,000	1,978,460
5.375%, 04/15/2027	2,413,000	2,305,145
5.500%, 05/01/2025 (D)	1,606,000	1,586,390
6.500%, 10/01/2028	2,237,000	2,167,094
Claros Global LP		
6.250%, 05/15/2026 (D)	689,000	676,254
6.750%, 05/15/2025 (D)	539,000	535,837
8.500%, 05/15/2027 (D)	1,465,000	1,456,630
Hilton Domestic Operating Company, Inc.		
3.625%, 02/15/2032 (D)	1,119,000	918,688
3.750%, 05/01/2029 (D)	741,000	642,484
4.000%, 05/01/2031 (D)	937,000	797,312
4.875%, 01/15/2030	731,000	670,693
5.375%, 05/01/2025 (D)	285,000	281,422
5.750%, 05/01/2028 (D)	376,000	364,646
Hilton Worldwide Finance LLC		
4.875%, 04/01/2027	379,000	361,407
KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC		
4.750%, 06/01/2027 (D)	3,513,000	3,337,350
Life Time, Inc.		
5.750%, 01/15/2026 (D)	1,560,000	1,494,558
Mattel, Inc.		
3.375%, 04/01/2026 (D)	196,000	179,830

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Mattel, Inc. (continued)		
3.750%, 04/01/2029 (D)	\$ 418,000	\$ 361,570
5.875%, 12/15/2027 (D)	150,000	146,483
Service Corp. International		
3.375%, 08/15/2030	669,000	543,563
Six Flags Entertainment Corp.		
4.875%, 07/31/2024 (D)	5,138,000	5,048,085
5.500%, 04/15/2027 (D)	3,022,000	2,853,856
Six Flags Theme Parks, Inc.		
7.000%, 07/01/2025 (D)	1,069,000	1,080,331
Vail Resorts, Inc.		
6.250%, 05/15/2025 (D)	276,000	275,257
Yum! Brands, Inc.		
3.625%, 03/15/2031	893,000	748,450
4.625%, 01/31/2032	1,958,000	1,730,755
4.750%, 01/15/2030 (D)	1,011,000	921,274
5.350%, 11/01/2043	2,072,000	1,731,332
5.375%, 04/01/2032	1,942,000	1,799,245
6.875%, 11/15/2037	1,011,000	1,051,052
		38,045,453
Financials - 2.2%		
Acrisure LLC		
7.000%, 11/15/2025 (D)	1,011,000	944,804
Alliant Holdings Intermediate LLC		
4.250%, 10/15/2027 (D)	375,000	331,026
5.875%, 11/01/2029 (D)	609,000	508,990
6.750%, 10/15/2027 to 04/15/2028 (D)	6,081,000	5,809,511
AmWINS Group, Inc.		
4.875%, 06/30/2029 (D)	570,000	484,103
BroadStreet Partners, Inc.		
5.875%, 04/15/2029 (D)	496,000	427,013
HUB International, Ltd.		
5.625%, 12/01/2029 (D)	695,000	596,452
7.000%, 05/01/2026 (D)	9,762,000	9,596,442
Intercontinental Exchange, Inc.		
4.000%, 09/15/2027	167,000	162,400
4.350%, 06/15/2029	50,000	48,415
MSCI, Inc.		
3.250%, 08/15/2033 (D)	456,000	359,570
3.625%, 09/01/2030 to 11/01/2031 (D)	1,737,000	1,468,951
3.875%, 02/15/2031 (D)	620,000	533,622
4.000%, 11/15/2029 (D)	823,000	728,437
Ryan Specialty Group LLC		
4.375%, 02/01/2030 (D)	80,000	68,397
USI, Inc.		
6.875%, 05/01/2025 (D)	3,926,000	3,857,292
		25,925,425
Health care - 0.9%		
Avantor Funding, Inc.		
3.875%, 11/01/2029 (D)	2,020,000	1,747,300
4.625%, 07/15/2028 (D)	2,468,000	2,270,560
Charles River Laboratories International, Inc.		
3.750%, 03/15/2029 (D)	795,000	690,219
4.000%, 03/15/2031 (D)	441,000	377,346
4.250%, 05/01/2028 (D)	170,000	153,376
Hadrian Merger Sub, Inc.		
8.500%, 05/01/2026 (D)	1,686,000	1,382,520
Hologic, Inc.		
3.250%, 02/15/2029 (D)	609,000	525,141
IQVIA, Inc.		
5.000%, 05/15/2027 (D)	950,000	903,897
PRA Health Sciences, Inc.		
2.875%, 07/15/2026 (D)	436,000	387,406

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Surgery Center Holdings, Inc.		
10.000%, 04/15/2027 (D)	\$ 808,000	\$ 822,152
Teleflex, Inc.		
4.250%, 06/01/2028 (D)	145,000	130,876
4.625%, 11/15/2027	952,000	897,926
		10,288,719
Industrials - 1.4%		
Booz Allen Hamilton, Inc.		
3.875%, 09/01/2028 (D)	692,000	614,316
4.000%, 07/01/2029 (D)	416,000	364,944
Delta Air Lines, Inc.		
4.750%, 10/20/2028 (D)	925,000	878,487
General Electric Company		
8.099%, (3 month LIBOR + 3.330%), 06/15/2023 (E)(F)	4,591,000	4,584,942
GFL Environmental, Inc.		
4.375%, 08/15/2029 (D)	294,000	254,510
4.750%, 06/15/2029 (D)	261,000	232,107
Howmet Aerospace, Inc.		
3.000%, 01/15/2029	550,000	472,313
5.900%, 02/01/2027	83,000	82,632
Korn Ferry		
4.625%, 12/15/2027 (D)	480,000	444,157
Lennox International, Inc.		
3.000%, 11/15/2023	510,000	501,136
Mileage Plus Holdings LLC		
6.500%, 06/20/2027 (D)	1,282,500	1,282,500
Sensata Technologies BV		
4.000%, 04/15/2029 (D)	1,016,000	896,082
5.000%, 10/01/2025 (D)	700,000	681,007
5.625%, 11/01/2024 (D)	415,000	410,591
5.875%, 09/01/2030 (D)	427,000	404,886
Sensata Technologies, Inc.		
3.750%, 02/15/2031 (D)	796,000	663,563
4.375%, 02/15/2030 (D)	322,000	284,959
TransDigm UK Holdings PLC		
6.875%, 05/15/2026	550,000	538,698
TransDigm, Inc.		
5.500%, 11/15/2027	698,000	642,711
6.250%, 03/15/2026 (D)	1,025,000	1,011,415
6.375%, 06/15/2026	145,000	140,625
United Airlines 2012-1 Class A Pass Through Trust		
4.150%, 04/11/2024	708,122	693,445
US Airways 2010-1 Class A Pass Through Trust		
6.250%, 04/22/2023	25,757	25,574
US Airways 2012-2 Class A Pass Through Trust		
4.625%, 06/03/2025	124,515	119,602
US Airways 2013-1 Class A Pass Through Trust		
3.950%, 11/15/2025	288,490	271,319
		16,496,521
Information technology - 0.2%		
Black Knight InfoServ LLC		
3.625%, 09/01/2028 (D)	264,000	228,360
Clarivate Science Holdings Corp.		
3.875%, 07/01/2028 (D)	299,000	258,018
4.875%, 07/01/2029 (D)	220,000	190,080
Crowdstrike Holdings, Inc.		
3.000%, 02/15/2029	150,000	126,340
Entegris Escrow Corp.		
4.750%, 04/15/2029 (D)	1,122,000	1,020,159

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Gartner, Inc.		
3.625%, 06/15/2029 (D)	\$ 763,000	\$ 659,789
3.750%, 10/01/2030 (D)	333,000	281,934
4.500%, 07/01/2028 (D)	165,000	151,474
PTC, Inc.		
4.000%, 02/15/2028 (D)	99,000	89,932
		3,006,086
Real estate - 0.2%		
SBA Communications Corp.		
3.125%, 02/01/2029	1,256,000	1,037,079
3.875%, 02/15/2027	1,515,000	1,371,066
SBA Tower Trust		
6.599%, 01/15/2028 (D)	68,000	70,189
		2,478,334
Utilities - 0.0%		
NiSource, Inc.		
5.650%, (5.650% to 6-15-23, then 5 Year CMT + 2.843%), 06/15/2023 (E)	687,000	665,961
TOTAL CORPORATE BONDS (Cost \$117,259,714)		\$ 113,656,476
CONVERTIBLE BONDS - 0.0%		
Communication services - 0.0%		
Spotify USA, Inc.		
6.642%, 03/15/2026 (G)	1,127,000	924,140
TOTAL CONVERTIBLE BONDS (Cost \$1,016,583)		\$ 924,140
TERM LOANS (H) – 12.3%		
Communication services – 0.1%		
Charter Communications Operating LLC, 2019 Term Loan B1 (1 month LIBOR + 1.750%) 6.368%, 04/30/2025	592,991	592,102
Charter Communications Operating LLC, 2019 Term Loan B2 (1 month LIBOR + 1.750%) 6.368%, 02/01/2027	895,762	887,252
SBA Senior Finance II LLC, 2018 Term Loan B (1 month LIBOR + 1.750%) 6.410%, 04/11/2025	225,486	225,017
		1,704,371
Consumer discretionary – 0.6%		
Hilton Worldwide Finance LLC, 2019 Term Loan B2 (1 month SOFR + 1.750%) 6.455%, 06/22/2026	591,271	590,136
IRB Holding Corp., 2022 Term Loan B (1 month SOFR + 3.000%) 7.687%, 12/15/2027	3,711,081	3,660,054
IRB Holding Corp., 2023 Term Loan B3 TBD 12/15/2027 (I)	1,467,442	1,447,265
Life Time, Inc., 2021 Term Loan B (1 month LIBOR + 4.750%) 9.385%, 12/16/2024	371,162	370,605
Woof Holdings, Inc., 1st Lien Term Loan (1 month LIBOR + 3.750%) 8.342%, 12/21/2027	604,238	578,557
		6,646,617
Consumer staples – 0.3%		
Sunshine Luxembourg VII Sarl, 2021 Term Loan B3 (3 month LIBOR + 3.750%) 8.480%, 10/01/2026	3,805,292	3,696,423
Financials – 4.9%		
Alliant Holdings Intermediate LLC, 2021 Term Loan B4 (1 month LIBOR + 3.500%) 8.092%, 11/06/2027	5,805,958	5,731,177

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (H)(continued)		
Financials (continued)		
Alliant Holdings Intermediate LLC, 2023 Term Loan B5 TBD 11/05/2027 (I)	\$ 2,038,114	2,010,090
BroadStreet Partners, Inc., 2020 Term Loan B TBD 01/27/2027 (I)	50,514	49,788
Howden Group Holdings, Ltd., 2021 Term Loan B (1 month LIBOR + 3.250%) 7.938%, 11/12/2027	4,880,696	4,801,384
HUB International, Ltd., 2018 Term Loan B (3 month LIBOR + 3.000%) 7.817%, 04/25/2025	20,943,068	20,873,955
HUB International, Ltd., 2021 Term Loan B (3 month LIBOR + 3.250%) 8.057%, 04/25/2025	13,465,943	13,437,395
HUB International, Ltd., 2022 Term Loan B (3 month SOFR + 4.000%) 8.728%, 11/10/2029	1,163,210	1,161,465
Ryan Specialty Group LLC, Term Loan (1 month SOFR + 3.000%) 7.718%, 09/01/2027	1,007,857	1,004,712
USI, Inc., 2019 Incremental Term Loan B (3 month LIBOR + 3.250%) 7.980%, 12/02/2026	5,050,300	5,038,381
USI, Inc., 2022 Incremental Term Loan (3 month SOFR + 3.750%) 8.330%, 11/22/2029	4,319,697	4,307,083
		58,415,430
Health care – 2.1%		
ADMI Corp., 2018 Term Loan B (1 month LIBOR + 3.000%) 7.635%, 04/30/2025	519,308	496,266
ADMI Corp., 2021 Incremental Term Loan B3 (1 month LIBOR + 3.750%) 8.385%, 12/23/2027	3,194,334	2,958,752
ADMI Corp., 2021 Term Loan B2 (1 month LIBOR + 3.375%) 8.010%, 12/23/2027	1,923,456	1,778,389
athenahealth, Inc., 2022 Term Loan B (1 month SOFR + 3.500%) 8.061%, 02/15/2029	4,390,793	4,050,507
Avantor Funding, Inc., 2021 Term Loan B5 (1 month LIBOR + 2.250%) 6.885%, 11/08/2027	1,040,842	1,038,531
Eyecare Partners LLC, 2020 Term Loan (3 month LIBOR + 3.750%) 8.480%, 02/18/2027	166,437	138,507
Heartland Dental LLC, 2018 1st Lien Term Loan (1 month LIBOR + 3.750%) 8.385%, 04/30/2025	4,270,326	4,028,583
Heartland Dental LLC, 2021 Incremental Term Loan (1 month LIBOR + 4.000%) 8.635%, 04/30/2025	571,868	540,656
Loire Finco Luxembourg Sarl, 2021 USD Term Loan B2 (1 month LIBOR + 3.500%) 8.135%, 04/21/2027	558,479	531,951
Loire Finco Luxembourg Sarl, Term Loan (1 month LIBOR + 3.000%) 7.635%, 04/21/2027	3,148,146	3,010,415
Medline Borrower LP, USD Term Loan B (1 month LIBOR + 3.250%) 7.885%, 10/23/2028	3,388,424	3,264,171
PetVet Care Centers LLC, 2018 1st Lien Term Loan (1 month LIBOR + 2.750%) 7.385%, 02/14/2025	351,244	332,716
PetVet Care Centers LLC, 2018 2nd Lien Term Loan (1 month LIBOR + 6.250%) 10.885%, 02/13/2026	25,000	22,281

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (H)(continued)		
Health care (continued)		
PetVet Care Centers LLC, 2018 Incremental Term Loan (1 month LIBOR + 3.250%) 7.885%, 02/14/2025	\$ 1,086,761	1,029,370
PetVet Care Centers LLC, 2021 Term Loan B3 (1 month LIBOR + 3.500%) 8.135%, 02/14/2025	2,051,764	1,953,792
		25,174,887
Industrials – 1.0%		
Filtration Group Corp., 2018 1st Lien Term Loan (1 month LIBOR + 3.000%) 7.635%, 03/29/2025	1,527,142	1,521,797
Filtration Group Corp., 2018 EUR Term Loan (1 month EURIBOR + 3.500%) 5.929%, 03/29/2025	EUR 1,726,569	1,807,930
Filtration Group Corp., 2021 Incremental Term Loan (1 month LIBOR + 3.500%) 8.135%, 10/21/2028	\$ 679,958	668,908
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 9.996%, 06/21/2027	6,162,121	6,410,146
SkyMiles IP, Ltd., 2020 Skymiles Term Loan B (3 month LIBOR + 3.750%) 8.558%, 10/20/2027	1,854,959	1,918,733
		12,327,514
Information technology – 3.3%		
Applied Systems, Inc., 2017 1st Lien Term Loan (3 month LIBOR + 3.000%) 7.730%, 09/19/2024	4,420,617	4,415,666
Applied Systems, Inc., 2021 2nd Lien Term Loan (3 month SOFR + 6.750%) 11.330%, 09/17/2027	833,897	834,939
Applied Systems, Inc., 2022 Extended 1st Lien Term Loan (3 month SOFR + 4.500%) 9.080%, 09/18/2026	2,213,810	2,218,791
Ascend Learning LLC, 2021 Term Loan (1 month SOFR + 3.500%) 8.218%, 12/11/2028	3,230,420	3,028,067
Azalea TopCo, Inc., 2021 Term Loan B (1 month LIBOR + 3.750%) 8.385%, 07/24/2026	1,231,104	1,149,162
Azalea TopCo, Inc., 2022 Incremental Term Loan (1 month SOFR + 3.750%) 8.468%, 07/24/2026	529,935	496,152
Azalea TopCo, Inc., Term Loan (1 month LIBOR + 3.500%) 8.135%, 07/24/2026	3,825,559	3,575,291
Celestial Saturn Parent, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 11.188%, 06/04/2029	97,470	72,331
RealPage, Inc., 1st Lien Term Loan (1 month LIBOR + 3.000%) 7.635%, 04/24/2028	5,306,349	5,132,566
RealPage, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 11.135%, 04/23/2029	225,000	215,719
Sophia LP, 2021 Term Loan B (3 month LIBOR + 3.500%) 8.230%, 10/07/2027	1,450,351	1,426,479
Sophia LP, 2022 Incremental Term Loan B (1 month SOFR + 4.250%) 8.868%, 10/07/2027	429,489	424,391

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (H)(continued)		
Information technology (continued)		
Storable, Inc., Term Loan B (1 and 3 month SOFR + 3.500%) 8.175%, 04/17/2028	\$ 272,250	265,275
UKG, Inc., 2021 2nd Lien Term Loan (3 month LIBOR + 5.250%) 10.032%, 05/03/2027	765,000	742,685
UKG, Inc., 2021 Term Loan (3 month LIBOR + 3.250%) 8.032%, 05/04/2026	15,706,116	15,376,288
		39,373,802
TOTAL TERM LOANS (Cost \$149,623,128)		\$ 147,339,044
SHORT-TERM INVESTMENTS – 4.0%		
Short-term funds – 4.0%		
John Hancock Collateral Trust, 4.5832% (J)(K)	168,625	\$ 1,685,493
State Street Institutional U.S. Government Money Market Fund, Premier Class, 4.4192% (J)	10,731,121	10,731,121
T. Rowe Price Government Reserve Fund, 4.5920% (J)	35,725,038	35,725,038
TOTAL SHORT-TERM INVESTMENTS (Cost \$48,141,110)		\$ 48,141,652
Total Investments (Capital Appreciation Value Fund) (Cost \$1,181,779,935) – 101.1%		\$ 1,211,284,970
Other assets and liabilities, net – (1.1%)		(13,321,630)
TOTAL NET ASSETS – 100.0%		\$ 1,197,963,340

Currency Abbreviations

EUR Euro

Security Abbreviations and Legend

CMT	Constant Maturity Treasury
EURIBOR	Euro Interbank Offered Rate
LIBOR	London Interbank Offered Rate
SOFR	Secured Overnight Financing Rate
(A)	All or a portion of this security is segregated at the custodian as collateral for certain derivatives.
(B)	Non-income producing security.
(C)	All or a portion of this security is on loan as of 2-28-23.
(D)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(E)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(F)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(G)	Zero coupon bonds are issued at a discount from their principal amount in lieu of paying interest periodically. Rate shown is the effective yield at period end.
(H)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(I)	This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
(J)	The rate shown is the annualized seven-day yield as of 2-28-23.
(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 — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

DERIVATIVES

WRITTEN OPTIONS

Options on securities

Counterparty (OTC)/

Exchange- traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls								
CITI	AbbVie, Inc.	USD	155.00	Jan 2024	52	5,200	\$ 54,724	\$ (68,541)
CITI	AbbVie, Inc.	USD	155.00	Jan 2024	51	5,100	49,062	(67,223)
CITI	AbbVie, Inc.	USD	160.00	Jan 2024	52	5,200	43,770	(55,578)
CITI	AbbVie, Inc.	USD	160.00	Jan 2024	52	5,200	39,624	(55,578)
CITI	AbbVie, Inc.	USD	170.00	Jan 2024	130	13,000	73,938	(86,774)
JPM	AbbVie, Inc.	USD	180.00	Jan 2024	33	3,300	32,844	(12,861)
JPM	AbbVie, Inc.	USD	185.00	Jan 2024	33	3,300	27,409	(9,586)
JPM	AbbVie, Inc.	USD	195.00	Jan 2024	33	3,300	18,505	(5,100)
JPM	AbbVie, Inc.	USD	200.00	Jan 2024	33	3,300	15,049	(3,653)
CITI	Alphabet, Inc., Class A	USD	102.50	Jan 2024	86	8,600	66,594	(64,786)
WFB	Alphabet, Inc., Class A	USD	120.00	Jan 2024	306	30,600	241,458	(94,707)
WFB	Amazon.com, Inc.	USD	107.50	Jan 2024	99	9,900	68,640	(90,975)
WFB	Amazon.com, Inc.	USD	110.00	Jan 2024	99	9,900	62,636	(82,233)
WFB	Amazon.com, Inc.	USD	110.00	Jan 2024	99	9,900	107,429	(82,233)
WFB	Amazon.com, Inc.	USD	115.00	Jan 2024	99	9,900	51,365	(66,721)
WFB	Amazon.com, Inc.	USD	115.00	Jan 2024	99	9,900	89,082	(66,721)
WFB	Amazon.com, Inc.	USD	115.00	Jan 2024	185	18,500	165,205	(124,681)
WFB	Amazon.com, Inc.	USD	120.00	Jan 2024	98	9,800	72,961	(53,117)
WFB	Amazon.com, Inc.	USD	135.00	Jan 2024	167	16,700	156,053	(46,181)
UBS	American Electric Power Company, Inc.	USD	97.50	Jan 2024	33	3,300	17,358	(11,165)
UBS	American Electric Power Company, Inc.	USD	100.00	Jan 2024	33	3,300	14,322	(8,761)
JPM	Apple, Inc.	USD	145.00	Jan 2024	82	8,200	94,935	(167,839)
JPM	Apple, Inc.	USD	150.00	Jan 2024	82	8,200	80,944	(144,887)
JPM	Apple, Inc.	USD	150.00	Jan 2024	83	8,300	118,194	(146,654)
JPM	Apple, Inc.	USD	155.00	Jan 2024	82	8,200	68,603	(123,769)
JPM	Apple, Inc.	USD	155.00	Jan 2024	83	8,300	99,684	(125,278)
GSI	Becton, Dickinson and Company	USD	270.00	Jan 2024	50	5,000	74,350	(42,142)
GSI	Becton, Dickinson and Company	USD	280.00	Jan 2024	50	5,000	55,850	(29,757)
GSI	Becton, Dickinson and Company	USD	290.00	Jan 2024	17	1,700	25,031	(7,034)
GSI	Becton, Dickinson and Company	USD	290.00	Jan 2024	17	1,700	10,988	(7,034)
GSI	Becton, Dickinson and Company	USD	300.00	Jan 2024	17	1,700	19,946	(4,847)
GSI	Becton, Dickinson and Company	USD	300.00	Jan 2024	17	1,700	7,853	(4,847)
WFB	CME Group, Inc.	USD	190.00	Jan 2024	12	1,200	15,706	(17,134)
WFB	CME Group, Inc.	USD	200.00	Jan 2024	12	1,200	10,830	(11,703)
WFB	CME Group, Inc.	USD	210.00	Jan 2024	12	1,200	6,675	(7,637)
UBS	Colgate-Palmolive Company	USD	75.00	Jan 2024	122	12,200	50,371	(64,214)
UBS	Colgate-Palmolive Company	USD	80.00	Jan 2024	121	12,100	25,178	(36,299)
JPM	Danaher Corp.	USD	290.00	Jan 2024	1	100	2,163	(1,299)
JPM	Danaher Corp.	USD	290.00	Jan 2024	16	1,600	41,739	(20,786)
JPM	Danaher Corp.	USD	290.00	Jan 2024	66	6,600	107,349	(85,742)
JPM	Danaher Corp.	USD	300.00	Jan 2024	1	100	1,811	(1,022)
JPM	Danaher Corp.	USD	300.00	Jan 2024	16	1,600	35,321	(16,348)
JPM	Danaher Corp.	USD	310.00	Jan 2024	1	100	1,510	(795)
JPM	Danaher Corp.	USD	310.00	Jan 2024	16	1,600	29,543	(12,714)
JPM	Danaher Corp.	USD	320.00	Jan 2024	1	100	1,218	(612)
JPM	Danaher Corp.	USD	320.00	Jan 2024	16	1,600	24,885	(9,789)
WFB	Dollar General Corp.	USD	250.00	Jan 2024	13	1,300	28,301	(14,000)
WFB	Dollar General Corp.	USD	270.00	Jan 2024	13	1,300	17,641	(7,671)
CITI	Duke Energy Corp.	USD	105.00	Jan 2024	49	4,900	29,253	(16,028)
CITI	Duke Energy Corp.	USD	110.00	Jan 2024	49	4,900	19,208	(9,707)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	11	1,100	27,370	(21,451)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	8	800	18,869	(15,601)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	7	700	17,588	(13,651)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	2	200	6,348	(3,900)
CITI	Equifax, Inc.	USD	220.00	Dec 2023	1	100	3,276	(1,950)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	11	1,100	22,748	(17,171)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	8	800	15,621	(12,488)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	7	700	14,629	(10,927)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	2	200	5,398	(3,122)
CITI	Equifax, Inc.	USD	230.00	Dec 2023	1	100	2,765	(1,561)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	11	1,100	18,732	(13,583)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	8	800	12,813	(9,878)

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

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange- traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
CITI	Equifax, Inc.	USD	240.00	Dec 2023	7	700	\$ 12,054	\$ (8,644)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	2	200	4,470	(2,470)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	1	100	2,289	(1,235)
CITI	Equifax, Inc.	USD	240.00	Dec 2023	65	6,500	110,367	(80,263)
JPM	Exelon Corp.	USD	45.00	Jan 2024	112	11,200	24,864	(22,048)
JPM	Exelon Corp.	USD	45.00	Jan 2024	219	21,900	40,515	(43,112)
JPM	Exelon Corp.	USD	45.00	Jan 2024	122	12,200	20,374	(24,017)
JPM	Exelon Corp.	USD	47.00	Jan 2024	112	11,200	17,024	(15,428)
JPM	Exelon Corp.	USD	50.00	Jan 2024	128	12,800	24,915	(10,015)
CITI	Fortive Corp.	USD	75.00	Jun 2023	35	3,500	4,842	(3,089)
CITI	Fortive Corp.	USD	75.00	Jun 2023	33	3,300	4,207	(2,913)
WFB	General Electric Company	USD	90.00	Jan 2024	33	3,300	24,446	(31,253)
WFB	General Electric Company	USD	90.00	Jan 2024	79	7,900	54,292	(74,817)
WFB	General Electric Company	USD	95.00	Jan 2024	33	3,300	18,032	(24,237)
WFB	General Electric Company	USD	95.00	Jan 2024	79	7,900	39,734	(58,023)
WFB	Hilton Worldwide Holdings, Inc.	USD	140.00	Jan 2024	9	900	12,112	(18,947)
WFB	Hilton Worldwide Holdings, Inc.	USD	140.00	Jan 2024	8	800	14,596	(16,841)
WFB	Hilton Worldwide Holdings, Inc.	USD	145.00	Jan 2024	79	7,900	131,298	(143,719)
WFB	Hilton Worldwide Holdings, Inc.	USD	145.00	Jan 2024	9	900	10,489	(16,373)
WFB	Hilton Worldwide Holdings, Inc.	USD	145.00	Jan 2024	8	800	12,547	(14,554)
WFB	Hilton Worldwide Holdings, Inc.	USD	150.00	Jan 2024	79	7,900	117,868	(123,064)
WFB	Hilton Worldwide Holdings, Inc.	USD	150.00	Jan 2024	9	900	9,046	(14,020)
WFB	Hilton Worldwide Holdings, Inc.	USD	150.00	Jan 2024	8	800	10,539	(12,462)
WFB	Hilton Worldwide Holdings, Inc.	USD	155.00	Jan 2024	9	900	7,693	(11,894)
WFB	Hilton Worldwide Holdings, Inc.	USD	155.00	Jan 2024	8	800	8,931	(10,573)
GSI	Ingersoll Rand, Inc.	USD	60.00	Dec 2023	34	3,400	12,368	(20,482)
GSI	Ingersoll Rand, Inc.	USD	60.00	Dec 2023	33	3,300	14,732	(19,879)
GSI	Johnson & Johnson	USD	175.00	Jan 2024	91	9,100	82,856	(33,477)
GSI	Johnson & Johnson	USD	185.00	Jan 2024	90	9,000	43,756	(16,460)
CITI	Keurig Dr. Pepper, Inc.	USD	37.00	Jan 2024	87	8,700	15,399	(15,052)
CITI	Keurig Dr. Pepper, Inc.	USD	40.00	Jan 2024	88	8,800	6,952	(6,849)
GSI	Marsh & McLennan Companies, Inc.	USD	185.00	Jul 2023	6	600	2,598	(1,086)
GSI	Marsh & McLennan Companies, Inc.	USD	185.00	Jul 2023	20	2,000	10,475	(3,620)
GSI	Marsh & McLennan Companies, Inc.	USD	185.00	Jul 2023	1	100	540	(181)
GSI	Marsh & McLennan Companies, Inc.	USD	185.00	Jul 2023	24	2,400	9,000	(4,344)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jul 2023	6	600	1,990	(686)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jul 2023	20	2,000	8,084	(2,287)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jul 2023	1	100	379	(114)
GSI	Marsh & McLennan Companies, Inc.	USD	190.00	Jul 2023	24	2,400	5,678	(2,745)
GSI	Marsh & McLennan Companies, Inc.	USD	195.00	Jul 2023	6	600	1,204	(429)
GSI	Marsh & McLennan Companies, Inc.	USD	195.00	Jul 2023	20	2,000	5,048	(1,430)
GSI	Marsh & McLennan Companies, Inc.	USD	195.00	Jul 2023	1	100	249	(72)
GSI	Marsh & McLennan Companies, Inc.	USD	195.00	Jul 2023	24	2,400	3,092	(1,716)
GSI	Marsh & McLennan Companies, Inc.	USD	200.00	Jul 2023	6	600	1,078	(267)
GSI	Marsh & McLennan Companies, Inc.	USD	200.00	Jul 2023	20	2,000	4,368	(891)
GSI	Marsh & McLennan Companies, Inc.	USD	200.00	Jul 2023	1	100	103	(45)
GSI	Marsh & McLennan Companies, Inc.	USD	200.00	Jul 2023	24	2,400	1,411	(1,069)
GSI	Mastercard, Inc., Class A	USD	380.00	Jan 2024	16	1,600	58,784	(47,349)
GSI	Mastercard, Inc., Class A	USD	380.00	Jan 2024	17	1,700	81,302	(50,308)
GSI	Mastercard, Inc., Class A	USD	400.00	Jan 2024	16	1,600	45,521	(33,940)
GSI	Mastercard, Inc., Class A	USD	400.00	Jan 2024	17	1,700	64,278	(36,062)
GSI	Mastercard, Inc., Class A	USD	420.00	Jan 2024	16	1,600	35,115	(23,415)
GSI	Mastercard, Inc., Class A	USD	420.00	Jan 2024	17	1,700	48,913	(24,879)
GSI	Mastercard, Inc., Class A	USD	430.00	Jan 2024	16	1,600	30,861	(19,177)
GSI	Mastercard, Inc., Class A	USD	430.00	Jan 2024	17	1,700	42,549	(20,375)
WFB	McDonald's Corp.	USD	285.00	Jan 2024	22	2,200	39,424	(28,123)
WFB	McDonald's Corp.	USD	300.00	Jan 2024	23	2,300	27,002	(17,462)
UBS	Microsoft Corp.	USD	275.00	Jan 2024	58	5,800	96,442	(112,259)
UBS	Microsoft Corp.	USD	290.00	Jan 2024	58	5,800	68,742	(81,350)
JPM	Microsoft Corp.	USD	300.00	Jan 2024	126	12,600	196,850	(140,739)
JPM	Microsoft Corp.	USD	300.00	Jan 2024	123	12,300	196,443	(137,388)
UBS	Microsoft Corp.	USD	300.00	Jan 2024	58	5,800	54,131	(64,785)
JPM	Mondelez International, Inc., Class A	USD	67.50	Jan 2024	190	19,000	66,880	(81,327)
JPM	Mondelez International, Inc., Class A	USD	70.00	Jan 2024	189	18,900	49,518	(59,049)

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange- traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
WFB	NXP Semiconductors NV	USD	170.00	Jan 2024	2	200	\$ 4,259	\$ (6,042)
WFB	NXP Semiconductors NV	USD	170.00	Jan 2024	23	2,300	54,223	(69,483)
WFB	NXP Semiconductors NV	USD	170.00	Jan 2024	27	2,700	66,274	(81,567)
WFB	NXP Semiconductors NV	USD	180.00	Jan 2024	2	200	3,478	(5,006)
WFB	NXP Semiconductors NV	USD	180.00	Jan 2024	23	2,300	45,760	(57,563)
WFB	NXP Semiconductors NV	USD	180.00	Jan 2024	27	2,700	56,213	(67,574)
WFB	NXP Semiconductors NV	USD	180.00	Jan 2024	50	5,000	117,489	(125,137)
WFB	NXP Semiconductors NV	USD	185.00	Jan 2024	2	200	3,138	(4,534)
WFB	NXP Semiconductors NV	USD	185.00	Jan 2024	23	2,300	41,529	(52,142)
WFB	NXP Semiconductors NV	USD	185.00	Jan 2024	27	2,700	50,980	(61,210)
WFB	NXP Semiconductors NV	USD	185.00	Jan 2024	50	5,000	104,204	(113,353)
WFB	NXP Semiconductors NV	USD	195.00	Jan 2024	2	200	2,548	(3,686)
WFB	NXP Semiconductors NV	USD	195.00	Jan 2024	23	2,300	32,606	(42,389)
WFB	NXP Semiconductors NV	USD	195.00	Jan 2024	27	2,700	40,244	(49,761)
WFB	NXP Semiconductors NV	USD	195.00	Jan 2024	50	5,000	84,222	(92,151)
UBS	PepsiCo, Inc.	USD	180.00	Jan 2024	144	14,400	110,390	(141,354)
UBS	PepsiCo, Inc.	USD	185.00	Jan 2024	143	14,300	82,733	(108,087)
CITI	PerkinElmer, Inc.	USD	155.00	Jun 2023	8	800	4,715	(985)
CITI	PerkinElmer, Inc.	USD	165.00	Jun 2023	8	800	2,592	(524)
CITI	PerkinElmer, Inc.	USD	170.00	Jun 2023	8	800	1,854	(396)
CITI	PerkinElmer, Inc.	USD	175.00	Jun 2023	8	800	1,320	(307)
CITI	PerkinElmer, Inc.	USD	155.00	Sep 2023	9	900	7,369	(2,668)
CITI	PerkinElmer, Inc.	USD	155.00	Sep 2023	33	3,300	22,758	(9,784)
CITI	PerkinElmer, Inc.	USD	165.00	Sep 2023	9	900	4,373	(1,577)
CITI	PerkinElmer, Inc.	USD	165.00	Sep 2023	33	3,300	12,894	(5,781)
CITI	PerkinElmer, Inc.	USD	170.00	Sep 2023	9	900	3,371	(1,223)
CITI	PerkinElmer, Inc.	USD	170.00	Sep 2023	33	3,300	9,415	(4,483)
CITI	PerkinElmer, Inc.	USD	175.00	Sep 2023	9	900	2,552	(957)
CITI	PerkinElmer, Inc.	USD	175.00	Sep 2023	33	3,300	7,091	(3,510)
WFB	Public Service Enterprise Group, Inc.	USD	65.00	Jun 2023	66	6,600	6,607	(5,828)
WFB	Public Service Enterprise Group, Inc.	USD	70.00	Jun 2023	69	6,900	6,734	(1,266)
CITI	Roper Technologies, Inc.	USD	470.00	Aug 2023	33	3,300	26,116	(39,671)
CITI	Roper Technologies, Inc.	USD	480.00	Aug 2023	8	800	15,501	(7,392)
CITI	Roper Technologies, Inc.	USD	500.00	Aug 2023	8	800	10,218	(4,279)
CITI	Roper Technologies, Inc.	USD	520.00	Aug 2023	8	800	6,473	(2,460)
CITI	Roper Technologies, Inc.	USD	540.00	Aug 2023	8	800	3,910	(1,425)
BOA	S&P Global, Inc.	USD	370.00	Jan 2024	3	300	9,134	(8,165)
BOA	S&P Global, Inc.	USD	370.00	Jan 2024	5	500	16,254	(13,608)
BOA	S&P Global, Inc.	USD	370.00	Jan 2024	3	300	13,082	(8,165)
BOA	S&P Global, Inc.	USD	390.00	Jan 2024	3	300	6,958	(5,877)
BOA	S&P Global, Inc.	USD	390.00	Jan 2024	5	500	12,459	(9,795)
BOA	S&P Global, Inc.	USD	390.00	Jan 2024	3	300	10,290	(5,877)
BOA	S&P Global, Inc.	USD	400.00	Jan 2024	3	300	6,057	(4,932)
BOA	S&P Global, Inc.	USD	400.00	Jan 2024	5	500	10,909	(8,220)
BOA	S&P Global, Inc.	USD	400.00	Jan 2024	3	300	8,399	(4,932)
BOA	S&P Global, Inc.	USD	410.00	Jan 2024	6	600	14,278	(8,221)
BOA	S&P Global, Inc.	USD	420.00	Jan 2024	3	300	4,421	(3,403)
BOA	S&P Global, Inc.	USD	420.00	Jan 2024	5	500	8,114	(5,672)
BOA	S&P Global, Inc.	USD	420.00	Jan 2024	3	300	6,058	(3,403)
BOA	S&P Global, Inc.	USD	430.00	Jan 2024	6	600	10,444	(5,601)
BOA	S&P Global, Inc.	USD	450.00	Jan 2024	6	600	7,526	(3,732)
BOA	S&P Global, Inc.	USD	470.00	Jan 2024	6	600	5,134	(2,443)
GSI	salesforce.com, Inc.	USD	160.00	Jan 2024	42	4,200	70,902	(119,675)
GSI	salesforce.com, Inc.	USD	165.00	Jan 2024	42	4,200	63,235	(108,806)
GSI	salesforce.com, Inc.	USD	165.00	Jan 2024	42	4,200	89,322	(108,806)
GSI	salesforce.com, Inc.	USD	170.00	Jan 2024	42	4,200	80,127	(98,650)
GSI	Starbucks Corp.	USD	100.00	Jan 2024	96	9,600	103,567	(125,875)
GSI	Starbucks Corp.	USD	105.00	Jan 2024	96	9,600	85,251	(99,861)
WFB	Stryker Corp.	USD	270.00	Jan 2024	10	1,000	24,023	(27,130)
WFB	Stryker Corp.	USD	270.00	Jan 2024	6	600	15,775	(16,278)
WFB	Stryker Corp.	USD	270.00	Jan 2024	2	200	5,034	(5,426)
WFB	Stryker Corp.	USD	270.00	Jan 2024	15	1,500	47,375	(40,695)
WFB	Stryker Corp.	USD	280.00	Jan 2024	10	1,000	19,518	(22,236)
WFB	Stryker Corp.	USD	280.00	Jan 2024	6	600	13,346	(13,342)

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange- traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
WFB	Stryker Corp.	USD	280.00	Jan 2024	2	200	\$ 4,145	\$ (4,447)
WFB	Stryker Corp.	USD	280.00	Jan 2024	15	1,500	38,359	(33,354)
WFB	Stryker Corp.	USD	290.00	Jan 2024	10	1,000	15,613	(17,980)
WFB	Stryker Corp.	USD	290.00	Jan 2024	6	600	10,968	(10,788)
WFB	Stryker Corp.	USD	290.00	Jan 2024	2	200	3,336	(3,596)
WFB	Stryker Corp.	USD	290.00	Jan 2024	15	1,500	29,343	(26,970)
WFB	Stryker Corp.	USD	300.00	Jan 2024	10	1,000	12,808	(14,356)
WFB	Stryker Corp.	USD	300.00	Jan 2024	6	600	9,133	(8,614)
WFB	Stryker Corp.	USD	300.00	Jan 2024	2	200	2,504	(2,871)
WFB	Stryker Corp.	USD	300.00	Jan 2024	15	1,500	24,074	(21,534)
JPM	TE Connectivity, Ltd.	USD	125.00	Jul 2023	1	100	557	(1,008)
JPM	TE Connectivity, Ltd.	USD	125.00	Jul 2023	25	2,500	16,140	(25,189)
JPM	TE Connectivity, Ltd.	USD	130.00	Jul 2023	1	100	397	(728)
JPM	TE Connectivity, Ltd.	USD	130.00	Jul 2023	25	2,500	11,750	(18,207)
JPM	TE Connectivity, Ltd.	USD	130.00	Jul 2023	25	2,500	12,407	(18,207)
JPM	TE Connectivity, Ltd.	USD	135.00	Jul 2023	1	100	277	(504)
JPM	TE Connectivity, Ltd.	USD	135.00	Jul 2023	25	2,500	8,409	(12,608)
JPM	TE Connectivity, Ltd.	USD	135.00	Jul 2023	25	2,500	7,411	(12,608)
JPM	TE Connectivity, Ltd.	USD	140.00	Jul 2023	1	100	197	(335)
JPM	TE Connectivity, Ltd.	USD	140.00	Jul 2023	25	2,500	6,100	(8,368)
JPM	TE Connectivity, Ltd.	USD	140.00	Jul 2023	25	2,500	4,914	(8,368)
JPM	Teledyne Technologies, Inc.	USD	440.00	Jun 2023	1	100	1,907	(2,063)
JPM	Teledyne Technologies, Inc.	USD	440.00	Jun 2023	2	200	3,573	(4,125)
JPM	Teledyne Technologies, Inc.	USD	440.00	Jun 2023	4	400	8,308	(8,251)
JPM	Teledyne Technologies, Inc.	USD	440.00	Jun 2023	1	100	2,077	(2,063)
JPM	Teledyne Technologies, Inc.	USD	460.00	Jun 2023	1	100	1,159	(1,220)
JPM	Teledyne Technologies, Inc.	USD	460.00	Jun 2023	2	200	2,103	(2,439)
JPM	Teledyne Technologies, Inc.	USD	460.00	Jun 2023	1	100	1,202	(1,220)
JPM	Teledyne Technologies, Inc.	USD	460.00	Jun 2023	4	400	4,808	(4,878)
JPM	Teledyne Technologies, Inc.	USD	480.00	Jun 2023	1	100	661	(634)
JPM	Teledyne Technologies, Inc.	USD	480.00	Jun 2023	2	200	1,093	(1,267)
JPM	Teledyne Technologies, Inc.	USD	480.00	Jun 2023	4	400	2,426	(2,535)
JPM	Teledyne Technologies, Inc.	USD	480.00	Jun 2023	1	100	607	(634)
JPM	Teledyne Technologies, Inc.	USD	500.00	Jun 2023	1	100	263	(291)
JPM	Teledyne Technologies, Inc.	USD	500.00	Jun 2023	2	200	501	(582)
JPM	Teledyne Technologies, Inc.	USD	500.00	Jun 2023	4	400	1,082	(1,164)
JPM	Teledyne Technologies, Inc.	USD	500.00	Jun 2023	1	100	270	(291)
BOA	Texas Instruments, Inc.	USD	180.00	Jan 2024	33	3,300	55,588	(51,205)
BOA	Texas Instruments, Inc.	USD	180.00	Jan 2024	33	3,300	62,696	(51,205)
BOA	Texas Instruments, Inc.	USD	190.00	Jan 2024	33	3,300	42,664	(37,439)
BOA	Texas Instruments, Inc.	USD	190.00	Jan 2024	33	3,300	47,834	(37,439)
BOA	Texas Instruments, Inc.	USD	195.00	Jan 2024	33	3,300	37,063	(31,640)
BOA	Texas Instruments, Inc.	USD	195.00	Jan 2024	33	3,300	41,311	(31,640)
BOA	Texas Instruments, Inc.	USD	200.00	Jan 2024	33	3,300	32,070	(26,531)
BOA	Texas Instruments, Inc.	USD	200.00	Jan 2024	33	3,300	34,952	(26,531)
WFB	The Coca-Cola Company	USD	62.50	Jan 2024	203	20,300	68,411	(55,909)
WFB	The Coca-Cola Company	USD	65.00	Jan 2024	202	20,200	45,854	(35,944)
BOA	The Hershey Company	USD	230.00	Jan 2024	13	1,300	17,511	(36,106)
BOA	The Hershey Company	USD	240.00	Jan 2024	13	1,300	12,311	(28,091)
JPM	The PNC Financial Services Group, Inc.	USD	170.00	Jan 2024	20	2,000	18,432	(21,193)
JPM	The PNC Financial Services Group, Inc.	USD	170.00	Jan 2024	20	2,000	18,412	(21,193)
JPM	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2024	14	1,400	17,775	(12,231)
JPM	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2024	11	1,100	12,496	(9,610)
JPM	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2024	20	2,000	15,071	(17,473)
JPM	The PNC Financial Services Group, Inc.	USD	175.00	Jan 2024	20	2,000	15,379	(17,473)
JPM	The PNC Financial Services Group, Inc.	USD	185.00	Jan 2024	11	1,100	9,254	(6,309)
JPM	The PNC Financial Services Group, Inc.	USD	185.00	Jan 2024	15	1,500	14,135	(8,603)
JPM	The PNC Financial Services Group, Inc.	USD	190.00	Jan 2024	15	1,500	12,049	(6,869)
JPM	The PNC Financial Services Group, Inc.	USD	190.00	Jan 2024	11	1,100	7,743	(5,037)
JPM	The PNC Financial Services Group, Inc.	USD	200.00	Jan 2024	11	1,100	5,292	(3,142)
JPM	The PNC Financial Services Group, Inc.	USD	200.00	Jan 2024	15	1,500	8,361	(4,284)
JPM	The Procter & Gamble Company	USD	145.00	Jan 2024	108	10,800	96,876	(84,530)
JPM	The Procter & Gamble Company	USD	155.00	Jan 2024	109	10,900	51,448	(43,686)
JPM	Thermo Fisher Scientific, Inc.	USD	610.00	Jan 2024	4	400	21,891	(15,083)

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

Options on securities (continued)

Counterparty (OTC)/

Exchange- traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
Calls (continued)								
JPM	Thermo Fisher Scientific, Inc.	USD	610.00	Jan 2024	4	400	\$ 29,352	\$ (15,083)
JPM	Thermo Fisher Scientific, Inc.	USD	630.00	Jan 2024	4	400	17,785	(12,322)
JPM	Thermo Fisher Scientific, Inc.	USD	630.00	Jan 2024	4	400	25,158	(12,322)
JPM	Thermo Fisher Scientific, Inc.	USD	660.00	Jan 2024	4	400	13,809	(8,973)
JPM	Thermo Fisher Scientific, Inc.	USD	660.00	Jan 2024	4	400	19,368	(8,973)
JPM	Thermo Fisher Scientific, Inc.	USD	690.00	Jan 2024	4	400	10,390	(6,454)
JPM	Thermo Fisher Scientific, Inc.	USD	690.00	Jan 2024	4	400	14,622	(6,454)
GSI	TransUnion	USD	65.00	Oct 2023	3	300	2,511	(2,698)
GSI	TransUnion	USD	65.00	Oct 2023	14	1,400	11,425	(12,592)
GSI	TransUnion	USD	65.00	Oct 2023	16	1,600	18,798	(14,391)
GSI	TransUnion	USD	70.00	Oct 2023	3	300	1,836	(1,982)
GSI	TransUnion	USD	70.00	Oct 2023	14	1,400	8,287	(9,251)
GSI	TransUnion	USD	70.00	Oct 2023	16	1,600	14,094	(10,573)
CITI	UnitedHealth Group, Inc.	USD	580.00	Jan 2024	54	5,400	302,238	(62,783)
JPM	UnitedHealth Group, Inc.	USD	600.00	Jan 2024	58	5,800	192,454	(47,588)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2024	25	2,500	47,691	(48,777)
GSI	Visa, Inc., Class A	USD	230.00	Jan 2024	25	2,500	58,965	(48,777)
GSI	Visa, Inc., Class A	USD	240.00	Jan 2024	25	2,500	37,758	(36,876)
GSI	Visa, Inc., Class A	USD	240.00	Jan 2024	25	2,500	46,683	(36,876)
GSI	Visa, Inc., Class A	USD	250.00	Jan 2024	25	2,500	28,951	(27,119)
GSI	Visa, Inc., Class A	USD	250.00	Jan 2024	25	2,500	36,182	(27,119)
GSI	Visa, Inc., Class A	USD	260.00	Jan 2024	25	2,500	22,144	(19,416)
GSI	Visa, Inc., Class A	USD	260.00	Jan 2024	25	2,500	27,430	(19,416)
BOA	Walmart, Inc.	USD	145.00	Jan 2024	108	10,800	130,356	(128,336)
BOA	Walmart, Inc.	USD	155.00	Jan 2024	108	10,800	80,676	(78,762)
JPM	Waste Connections, Inc.	USD	145.00	Jun 2023	12	1,200	3,168	(2,352)
JPM	Waste Connections, Inc.	USD	145.00	Jun 2023	12	1,200	2,122	(2,352)
JPM	Waste Connections, Inc.	USD	150.00	Jun 2023	12	1,200	1,936	(1,155)
JPM	Waste Connections, Inc.	USD	150.00	Jun 2023	12	1,200	1,079	(1,155)
JPM	Waste Connections, Inc.	USD	160.00	Jun 2023	12	1,200	615	(237)
JPM	Waste Connections, Inc.	USD	160.00	Jun 2023	12	1,200	312	(237)
JPM	Waste Connections, Inc.	USD	165.00	Jun 2023	12	1,200	381	(106)
JPM	Waste Connections, Inc.	USD	165.00	Jun 2023	12	1,200	182	(106)
WFB	Waste Management, Inc.	USD	160.00	Jan 2024	15	1,500	13,388	(13,271)
WFB	Waste Management, Inc.	USD	165.00	Jan 2024	14	1,400	9,594	(9,560)
WFB	Yum! Brands, Inc.	USD	140.00	Jan 2024	118	11,800	117,658	(75,648)
WFB	Yum! Brands, Inc.	USD	140.00	Jan 2024	117	11,700	114,766	(75,007)
CITI	Yum! Brands, Inc.	USD	145.00	Jan 2024	58	5,800	32,602	(27,992)
CITI	Yum! Brands, Inc.	USD	150.00	Jan 2024	58	5,800	29,121	(20,799)
							\$9,333,717	\$(8,324,189)

Derivatives Currency Abbreviations

USD U.S. Dollar

Derivatives Abbreviations

BOA Bank of America, N.A.
CITI Citibank, N.A.
GSI Goldman Sachs International
JPM JPMorgan Chase Bank, N.A.
OTC Over-the-counter
UBS UBS AG
WFB Wells Fargo Bank, N.A.

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

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 56.5%		
U.S. Government – 27.6%		
U.S. Treasury Bonds		
1.125%, 05/15/2040 to 08/15/2040	\$ 56,301,000	\$ 35,582,015
1.375%, 11/15/2040	39,539,000	25,979,903
1.750%, 08/15/2041	66,238,000	45,900,858
1.875%, 02/15/2041 to 11/15/2051	3,273,000	2,259,266
2.000%, 08/15/2051	6,286,000	4,225,125
2.250%, 02/15/2052	2,411,000	1,719,062
2.875%, 05/15/2052	5,468,000	4,477,566
3.000%, 08/15/2052	13,719,000	11,532,534
3.375%, 08/15/2042	9,152,000	8,239,660
3.625%, 02/15/2053	8,830,000	8,406,436
3.875%, 02/15/2043	1,610,000	1,561,952
4.000%, 11/15/2042 to 11/15/2052	23,453,000	23,559,028
5.250%, 11/15/2028 to 02/15/2029	3,738,000	3,948,752
U.S. Treasury Notes		
0.375%, 11/30/2025	9,074,000	8,105,634
1.375%, 10/31/2028	9,379,000	8,076,931
1.500%, 08/15/2026 to 11/30/2028	37,330,000	33,648,771
1.625%, 05/15/2026	19,759,000	18,104,956
2.000%, 11/15/2026	11,360,000	10,448,537
2.250%, 11/15/2027	6,949,000	6,367,021
2.625%, 07/31/2029	1,916,000	1,756,882
2.750%, 07/31/2027 to 05/31/2029	39,064,000	36,357,174
2.875%, 04/30/2025	5,553,000	5,340,207
3.000%, 07/15/2025	9,245,000	8,901,563
3.125%, 08/31/2029	2,824,000	2,666,805
3.250%, 06/30/2029	4,722,000	4,493,647
3.500%, 01/31/2030 to 02/15/2033	10,273,000	9,928,950
3.875%, 01/15/2026 to 12/31/2029	26,228,000	25,833,478
4.000%, 02/15/2026 to 02/28/2030	20,315,000	20,114,573
4.125%, 01/31/2025 to 10/31/2027	61,502,000	61,164,165
4.250%, 12/31/2024	9,578,000	9,470,622
4.500%, 11/30/2024 to 11/15/2025	11,067,000	11,047,557
4.625%, 02/28/2025	45,000	44,856
		459,264,486
U.S. Government Agency – 28.9%		
Federal Home Loan Mortgage Corp.		
2.000%, 11/01/2040 to 12/01/2051	23,791,777	20,044,263
2.289%, (12 month LIBOR + 1.650%), 03/01/2043 (A)	213,883	219,765
2.304%, (12 month LIBOR + 1.642%), 08/01/2043 (A)	157,060	156,816
2.358%, (12 month LIBOR + 1.635%), 07/01/2043 (A)	108,338	109,829
2.500%, 04/01/2042 to 03/01/2052	12,469,476	10,707,134
2.507%, (12 month LIBOR + 1.631%), 11/01/2043 (A)	175,014	175,974
2.551%, (12 month LIBOR + 1.646%), 10/01/2043 (A)	326,136	330,613
2.557%, (12 month LIBOR + 1.606%), 09/01/2043 (A)	84,717	84,758
2.661%, (12 month LIBOR + 1.637%), 09/01/2045 (A)	1,779,047	1,794,401
2.672%, (12 month LIBOR + 1.611%), 10/01/2043 (A)	193,074	194,089
2.818%, (12 month LIBOR + 1.641%), 05/01/2049 (A)	871,940	853,909
2.837%, (12 month LIBOR + 1.719%), 01/01/2044 (A)	351,118	348,697
3.000%, 04/01/2040 to 11/01/2048	3,463,119	3,131,968
3.470%, (12 month LIBOR + 1.637%), 03/01/2049 (A)	789,255	792,207
3.500%, 06/01/2046 to 10/01/2046	1,503,563	1,398,145

Core Bond Fund (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal Home Loan		
Mortgage Corp. (continued)		
3.725%, (12 month LIBOR + 1.687%), 09/01/2047 (A)	\$ 914,783	\$ 922,889
3.912%, (1 month SOFR + 2.130%), 07/01/2052 (A)	759,510	727,470
3.968%, (12 month LIBOR + 1.636%), 04/01/2048 (A)	1,892,623	1,907,095
3.986%, (1 month SOFR + 2.140%), 08/01/2052 (A)	1,014,147	959,347
4.000%, 07/01/2049	1,003,301	966,250
4.119%, (1 month SOFR + 2.380%), 09/01/2052 (A)	527,918	508,622
4.301%, (1 month SOFR + 2.130%), 07/01/2052 (A)	908,887	881,485
4.382%, 12/14/2029 (B)	2,068,000	1,538,789
4.500%, 06/01/2039 to 07/01/2039	100,512	98,638
5.497%, (12 month LIBOR + 1.770%), 09/01/2042 (A)	141,772	144,851
5.912%, (12 month LIBOR + 1.688%), 02/01/2043 (A)	236,455	240,804
Federal National Mortgage Association		
1.500%, 10/01/2041 to 07/01/2051	25,564,537	20,454,754
1.520%, 08/21/2035	2,984,000	2,068,157
1.615%, (1 month SOFR + 2.212%), 12/01/2051 (A)	489,030	437,786
1.900%, 01/25/2036	2,659,000	1,913,193
2.000%, 11/01/2040 to 03/01/2047	72,304,955	60,929,544
2.255%, (12 month LIBOR + 1.560%), 06/01/2043 (A)	131,555	130,833
2.500%, 12/01/2035 to 03/01/2052	41,791,288	36,576,449
2.981%, (12 month LIBOR + 1.603%), 03/01/2050 (A)	2,269,669	2,217,475
3.000%, 05/01/2040 to 02/01/2055	96,646,190	87,215,013
3.172%, (12 month LIBOR + 1.579%), 10/01/2043 (A)	434,374	434,188
3.306%, (12 month LIBOR + 1.565%), 03/01/2043 (A)	66,373	67,143
3.500%, TBA (C)	5,500,000	5,008,223
3.500%, 03/01/2042 to 11/01/2042 (C)	5,484,608	5,134,226
3.500%, 10/01/2042 to 04/01/2050	43,021,606	40,014,177
3.683%, (1 month SOFR + 2.370%), 08/01/2052 (A)	1,131,095	1,078,679
3.739%, (12 month LIBOR + 1.579%), 06/01/2045 (A)	747,243	754,908
3.831%, (12 month LIBOR + 1.583%), 01/01/2046 (A)	1,983,495	2,004,462
3.963%, (1 month SOFR + 2.120%), 08/01/2052 (A)	449,635	426,213
4.000%, 01/01/2027 to 05/01/2049	25,156,106	24,479,750
4.154%, (1 month SOFR + 2.132%), 10/01/2052 (A)	4,777,125	4,639,882
4.168%, (1 month SOFR + 2.120%), 07/01/2052 (A)	1,750,564	1,671,969
4.227%, (1 month SOFR + 2.370%), 09/01/2052 (A)	513,387	497,845
4.249%, (1 month SOFR + 2.127%), 11/01/2052 (A)	1,373,694	1,338,295
4.315%, (1 month SOFR + 2.125%), 08/01/2052 (A)	2,015,629	1,963,821
4.353%, (1 month SOFR + 2.124%), 07/01/2052 (A)	1,958,671	1,910,828
4.394%, 11/15/2030 (B)	6,077,000	4,340,495
4.500%, 06/01/2041 to 11/01/2048	4,398,823	4,351,020

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National		
Mortgage Association (continued)		
4.532%, (1 month SOFR + 2.120%), 11/01/2052 (A)	\$ 808,118	\$ 793,686
4.621%, (1 month SOFR + 2.127%), 08/01/2052 (A)	2,315,921	2,274,442
4.645%, (1 month SOFR + 2.122%), 08/01/2052 (A)	1,675,021	1,628,371
4.647%, (1 month SOFR + 2.130%), 08/01/2052 (A)	1,827,510	1,796,367
5.500%, TBA (C)	21,700,000	21,661,849
5.500%, 09/01/2052	1,550,307	1,599,377
6.000%, TBA (C)	14,100,000	14,250,314
6.131%, (12 month LIBOR + 1.641%), 01/01/2043 (A)	93,812	96,468
6.500%, TBA (C)	44,600,000	45,668,409
6.500%, 11/01/2052 to 02/01/2053	1,640,209	1,747,169
7.000%, 02/01/2053	1,598,504	1,666,050
Government National		
Mortgage Association		
3.000%, 06/20/2043 to 10/20/2050	15,794,139	14,195,479
3.500%, 01/20/2048	757,845	703,211
4.000%, 03/20/2048 to 04/20/2048	930,814	890,032
4.500%, 08/15/2047 to 02/20/2049	2,104,123	2,064,699
6.000%, 01/20/2053	6,987,854	7,251,848
		479,585,907
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$997,985,420)		\$ 938,850,393
FOREIGN GOVERNMENT OBLIGATIONS – 0.9%		
Australia – 0.1%		
Export Finance & Insurance Corp.		
4.625%, 10/26/2027 (D)	2,078,000	2,083,091
Bermuda – 0.0%		
Government of Bermuda		
5.000%, 07/15/2032 (D)	693,000	673,793
Canada – 0.1%		
Province of Saskatchewan		
3.250%, 06/08/2027	872,000	825,006
Israel – 0.1%		
State of Israel		
4.500%, 01/17/2033	2,183,000	2,104,897
Italy – 0.0%		
Republic of Italy		
3.875%, 05/06/2051	406,000	280,845
Mexico – 0.4%		
Government of Mexico		
3.500%, 02/12/2034	1,459,000	1,188,288
3.750%, 04/19/2071	1,249,000	806,893
3.771%, 05/24/2061	923,000	605,329
4.400%, 02/12/2052	1,482,000	1,122,134
4.500%, 04/22/2029	1,411,000	1,340,353
4.600%, 02/10/2048	305,000	243,133
6.350%, 02/09/2035	632,000	648,422
		5,954,552
Paraguay – 0.1%		
Republic of Paraguay		
5.400%, 03/30/2050 (D)	944,000	790,458
Peru – 0.0%		
Republic of Peru		
3.000%, 01/15/2034	437,000	343,857

Core Bond Fund (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Peru (continued)		
Republic of Peru (continued)		
3.600%, 01/15/2072	\$ 338,000	\$ 218,600
		562,457
Poland – 0.1%		
Republic of Poland		
5.750%, 11/16/2032	687,000	719,344
Saudi Arabia – 0.0%		
Kingdom of Saudi Arabia		
5.000%, 01/18/2053 (D)	585,000	533,813
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$15,845,359)		\$ 14,528,256
CORPORATE BONDS – 26.0%		
Communication services – 1.4%		
AT&T, Inc.		
1.700%, 03/25/2026	2,866,000	2,575,413
3.500%, 06/01/2041	615,000	461,694
3.650%, 09/15/2059	604,000	409,055
3.800%, 12/01/2057	1,733,000	1,216,676
Charter Communications Operating LLC		
3.500%, 06/01/2041 to 03/01/2042	2,426,000	1,568,540
Comcast Corp.		
2.987%, 11/01/2063	720,000	440,026
4.049%, 11/01/2052	622,000	499,534
5.350%, 11/15/2027	1,265,000	1,283,425
5.500%, 11/15/2032	1,170,000	1,202,267
Discovery Communications LLC		
4.000%, 09/15/2055	673,000	435,180
T-Mobile USA, Inc.		
2.250%, 02/15/2026	1,345,000	1,223,492
2.875%, 02/15/2031	262,000	217,355
3.500%, 04/15/2031	173,000	149,764
4.950%, 03/15/2028	1,277,000	1,253,554
5.050%, 07/15/2033	2,236,000	2,154,732
5.650%, 01/15/2053	1,373,000	1,346,004
Verizon Communications, Inc.		
2.355%, 03/15/2032	1,601,000	1,258,630
2.650%, 11/20/2040	806,000	545,908
3.875%, 03/01/2052	640,000	490,045
WarnerMedia Holdings, Inc.		
5.050%, 03/15/2042 (D)	1,264,000	1,024,011
5.141%, 03/15/2052 (D)	2,408,000	1,887,640
5.391%, 03/15/2062 (D)	1,436,000	1,120,095
		22,763,040
Consumer discretionary – 1.2%		
Amazon.com, Inc.		
2.875%, 05/12/2041	403,000	300,395
4.700%, 12/01/2032	1,572,000	1,553,980
Ford Motor Company		
4.750%, 01/15/2043	123,000	89,703
Ford Motor Credit Company LLC		
2.700%, 08/10/2026	1,032,000	898,080
2.900%, 02/10/2029	957,000	778,988
7.350%, 03/06/2030	378,000	382,785
General Motors Company		
5.200%, 04/01/2045	514,000	423,856
5.400%, 10/15/2029	1,508,000	1,448,056
General Motors Financial Company, Inc.		
3.100%, 01/12/2032	619,000	492,657
Hyundai Capital America		
0.800%, 01/08/2024 (D)	506,000	485,578
1.300%, 01/08/2026 (D)	1,214,000	1,075,123
Lowe's Companies, Inc.		
4.250%, 04/01/2052	1,207,000	950,372

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Lowe's Companies, Inc. (continued)		
5.625%, 04/15/2053	\$ 2,842,000	\$ 2,720,264
Target Corp.		
4.400%, 01/15/2033	1,728,000	1,638,934
4.800%, 01/15/2053	1,280,000	1,196,109
The Home Depot, Inc.		
2.375%, 03/15/2051	919,000	550,944
3.125%, 12/15/2049	1,115,000	791,353
3.300%, 04/15/2040	238,000	189,530
3.625%, 04/15/2052	572,000	437,996
4.500%, 09/15/2032 (E)	1,206,000	1,162,669
4.950%, 09/15/2052	1,258,000	1,208,437
The Trustees of the University of Pennsylvania		
3.610%, 02/15/2119	954,000	667,399
		19,443,208
Consumer staples – 1.5%		
Anheuser-Busch Companies LLC		
4.700%, 02/01/2036	3,550,000	3,332,134
4.900%, 02/01/2046	2,205,000	2,022,590
Anheuser-Busch InBev Worldwide, Inc.		
4.375%, 04/15/2038	1,707,000	1,526,367
Bunge, Ltd. Finance Corp.		
1.630%, 08/17/2025	660,000	601,583
Colgate-Palmolive Company		
4.600%, 03/01/2033	1,924,000	1,922,415
PepsiCo, Inc.		
4.450%, 05/15/2028 to 02/15/2033	3,522,000	3,478,062
4.650%, 02/15/2053	960,000	939,661
Philip Morris International, Inc.		
4.875%, 02/13/2026 to 02/15/2028	3,825,000	3,754,589
5.000%, 11/17/2025	1,359,000	1,351,013
5.125%, 11/17/2027 to 02/15/2030	3,775,000	3,728,731
5.375%, 02/15/2033	1,390,000	1,366,655
5.750%, 11/17/2032	1,021,000	1,032,886
Walmart, Inc.		
4.500%, 09/09/2052	460,000	433,508
		25,490,194
Energy – 1.5%		
Aker BP ASA		
2.000%, 07/15/2026 (D)	1,416,000	1,256,029
3.100%, 07/15/2031 (D)	1,601,000	1,310,768
3.750%, 01/15/2030 (D)	185,000	163,235
4.000%, 01/15/2031 (D)	655,000	576,132
BP Capital Markets America, Inc.		
4.812%, 02/13/2033	3,518,000	3,455,594
Energy Transfer LP		
4.400%, 03/15/2027	284,000	271,304
4.950%, 05/15/2028	2,120,000	2,041,643
5.300%, 04/15/2047	1,658,000	1,407,345
5.400%, 10/01/2047	488,000	419,551
5.750%, 02/15/2033	2,331,000	2,293,191
6.125%, 12/15/2045	512,000	479,242
Exxon Mobil Corp.		
3.452%, 04/15/2051	1,611,000	1,228,696
4.327%, 03/19/2050	2,120,000	1,881,846
Galaxy Pipeline Assets Bidco, Ltd.		
1.750%, 09/30/2027 (D)	1,049,090	966,705
2.160%, 03/31/2034 (D)	1,194,661	1,008,250
2.625%, 03/31/2036 (D)	817,000	645,688
2.940%, 09/30/2040 (D)	480,365	378,119
MPLX LP		
4.950%, 03/14/2052	865,000	719,248
5.000%, 03/01/2033	1,928,000	1,808,905
5.650%, 03/01/2053	321,000	295,573

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Petroleos Mexicanos		
2.378%, 04/15/2025	\$ 218,750	\$ 213,750
2.460%, 12/15/2025	1,020,300	989,820
Targa Resources Partners LP		
4.875%, 02/01/2031	1,350,000	1,225,895
5.500%, 03/01/2030	339,000	321,099
		25,357,628
Financials – 7.4%		
Antares Holdings LP		
3.750%, 07/15/2027 (D)	1,518,000	1,279,867
Aon Corp.		
5.350%, 02/28/2033	770,000	769,711
Athene Global Funding		
2.500%, 03/24/2028 (D)	735,000	624,606
2.646%, 10/04/2031 (D)	1,120,000	871,336
Bank of America Corp.		
1.530%, (1.530% to 12-6-24, then SOFR + 0.650%), 12/06/2025	5,342,000	4,965,811
1.658%, (1.658% to 3-11-26, then SOFR + 0.910%), 03/11/2027	4,566,000	4,066,098
1.734%, (1.734% to 7-22-26, then SOFR + 0.960%), 07/22/2027	4,139,000	3,645,554
2.687%, (2.687% to 4-22-31, then SOFR + 1.320%), 04/22/2032	4,404,000	3,571,796
3.419%, (3.419% to 12-20-27, then 3 month LIBOR + 1.040%), 12/20/2028	3,189,000	2,902,576
5.015%, (5.015% to 7-22-32, then SOFR + 2.160%), 07/22/2033	1,330,000	1,279,597
5.080%, (5.080% to 1-20-26, then SOFR + 1.290%), 01/20/2027	2,826,000	2,796,470
6.204%, (6.204% to 11-10-27, then SOFR + 1.990%), 11/10/2028	3,118,000	3,205,857
Barclays PLC		
7.437%, (7.437% to 11-2-32, then 1 Year CMT + 3.500%), 11/02/2033	3,602,000	3,888,865
Blackstone Holdings Finance Company LLC		
6.200%, 04/22/2033 (D)	1,465,000	1,503,244
Brighthouse Financial, Inc.		
3.850%, 12/22/2051	568,000	374,536
Citigroup, Inc.		
4.910%, (4.910% to 5-24-32, then SOFR + 2.086%), 05/24/2033	1,626,000	1,540,933
6.270%, (6.270% to 11-17-32, then SOFR + 2.338%), 11/17/2033	3,147,000	3,295,752
Cooperatieve Rabobank UA		
5.564%, (5.564% to 2-28-28, then 1 Year CMT + 1.400%), 02/28/2029 (D)	4,492,000	4,467,477
Credit Suisse Group AG		
9.016%, (9.016% to 11-15-32, then SOFR + 5.020%), 11/15/2033 (D)	1,553,000	1,630,926
Deutsche Bank AG		
3.742%, (3.742% to 10-7-31, then SOFR + 2.257%), 01/07/2033	2,622,000	2,008,906
Enstar Group, Ltd.		
3.100%, 09/01/2031	1,194,000	906,758
JPMorgan Chase & Co.		
1.040%, (1.040% to 2-4-26, then 3 month CME Term SOFR + 0.695%), 02/04/2027	5,759,000	5,057,132
1.045%, (1.045% to 11-19-25, then SOFR + 0.800%), 11/19/2026	1,785,000	1,580,867
1.470%, (1.470% to 9-22-26, then SOFR + 0.765%), 09/22/2027	1,432,000	1,241,430

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
JPMorgan Chase & Co. (continued)		
1.561%, (1.561% to 12-10-24, then SOFR + 0.605%), 12/10/2025	\$ 6,092,000	\$ 5,662,471
1.578%, (1.578% to 4-22-26, then SOFR + 0.885%), 04/22/2027	1,424,000	1,259,760
2.182%, (2.182% to 6-1-27, then SOFR + 1.890%), 06/01/2028	1,763,000	1,542,389
4.323%, (4.323% to 4-26-27, then SOFR + 1.560%), 04/26/2028	938,000	899,247
4.565%, (4.565% to 6-14-29, then SOFR + 1.750%), 06/14/2030	1,455,000	1,383,826
4.912%, (4.912% to 7-25-32, then SOFR + 2.080%), 07/25/2033	1,204,000	1,152,842
KeyBank NA		
5.000%, 01/26/2033	702,000	674,991
Liberty Mutual Group, Inc.		
5.500%, 06/15/2052 (D)	559,000	523,808
Lloyds Banking Group PLC		
4.976%, (4.976% to 8-11-32, then 1 Year CMT + 2.300%), 08/11/2033	608,000	566,299
5.871%, (5.871% to 3-6-28, then 1 Year CMT + 1.700%), 03/06/2029	1,924,000	1,924,372
Marsh & McLennan Companies, Inc.		
6.250%, 11/01/2052	316,000	350,726
Mitsubishi UFJ Financial Group, Inc.		
5.422%, (5.422% to 2-22-28, then 1 Year CMT + 1.380%), 02/22/2029	1,317,000	1,307,834
5.441%, (5.441% to 2-22-33, then 1 Year CMT + 1.630%), 02/22/2034	1,442,000	1,417,349
5.475%, (5.475% to 2-22-30, then 1 Year CMT + 1.530%), 02/22/2031	807,000	798,942
5.719%, (5.719% to 2-20-25, then 1 Year CMT + 1.080%), 02/20/2026	5,129,000	5,121,861
Mizuho Financial Group, Inc.		
5.667%, (5.667% to 5-27-28, then 1 Year CMT + 1.500%), 05/27/2029	1,925,000	1,921,309
5.739%, (5.739% to 5-27-30, then 1 Year CMT + 1.650%), 05/27/2031	1,318,000	1,316,074
5.754%, (5.754% to 5-27-33, then 1 Year CMT + 1.800%), 05/27/2034	1,621,000	1,612,981
Morgan Stanley		
0.790%, (0.790% to 5-30-24, then SOFR + 0.525%), 05/30/2025	3,710,000	3,474,201
0.791%, (0.791% to 1-22-24, then SOFR + 0.509%), 01/22/2025	3,672,000	3,511,329
0.864%, (0.864% to 10-21-24, then SOFR + 0.745%), 10/21/2025	317,000	291,997
0.985%, (0.985% to 12-10-25, then SOFR + 0.720%), 12/10/2026	2,928,000	2,575,465
1.512%, (1.512% to 7-20-26, then SOFR + 0.858%), 07/20/2027	2,239,000	1,954,469
5.123%, (5.123% to 2-1-28, then SOFR + 1.730%), 02/01/2029	1,601,000	1,572,197
6.342%, (6.342% to 10-18-32, then SOFR + 2.560%), 10/18/2033	3,144,000	3,314,421
National Australia Bank, Ltd.		
6.429%, 01/12/2033 (D)	1,264,000	1,277,328
SBL Holdings, Inc.		
5.000%, 02/18/2031 (D)	1,991,000	1,630,794
Stewart Information Services Corp.		
3.600%, 11/15/2031	775,000	599,843
Sumitomo Mitsui Financial Group, Inc.		
5.520%, 01/13/2028	2,474,000	2,467,465
5.710%, 01/13/2030	2,563,000	2,582,705

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
The Goldman Sachs Group, Inc.		
1.948%, (1.948% to 10-21-26, then SOFR + 0.913%), 10/21/2027	\$ 1,426,000	\$ 1,249,098
Trust Fibra Uno		
6.390%, 01/15/2050 (D)	682,000	532,527
UBS Group AG		
5.959%, (5.959% to 1-12-33, then 1 Year CMT + 2.200%), 01/12/2034 (D)	1,473,000	1,474,984
Wells Fargo & Company		
3.526%, (3.526% to 3-24-27, then SOFR + 1.510%), 03/24/2028	6,011,000	5,566,174
4.897%, (4.897% to 7-25-32, then SOFR + 2.100%), 07/25/2033	1,225,000	1,170,042
		122,158,225
Health care – 3.3%		
Abbott Laboratories		
1.400%, 06/30/2030	1,441,000	1,153,571
4.750%, 11/30/2036	962,000	956,504
AbbVie, Inc.		
4.050%, 11/21/2039	680,000	573,561
4.250%, 11/21/2049	3,888,000	3,237,549
4.300%, 05/14/2036	417,000	375,014
4.450%, 05/14/2046	425,000	364,132
4.550%, 03/15/2035	960,000	892,805
Amgen, Inc.		
4.200%, 03/01/2033	1,540,000	1,416,218
5.150%, 03/02/2028 (C)	2,564,000	2,553,855
5.250%, 03/02/2025 to 03/02/2033 (C)	5,450,000	5,428,573
5.650%, 03/02/2053 (C)	2,591,000	2,569,673
5.750%, 03/02/2063 (C)	321,000	316,571
Astrazeneca Finance LLC		
4.875%, 03/03/2028 to 03/03/2033	3,208,000	3,200,597
4.900%, 03/03/2030	1,925,000	1,917,108
Bristol-Myers Squibb Company		
2.550%, 11/13/2050	1,665,000	1,059,242
Centene Corp.		
2.500%, 03/01/2031	538,000	419,301
3.000%, 10/15/2030	1,291,000	1,054,657
CVS Health Corp.		
3.000%, 08/15/2026	620,000	575,272
4.875%, 07/20/2035	189,000	177,585
DH Europe Finance II Sarl		
2.200%, 11/15/2024	1,575,000	1,498,660
Eli Lilly & Company		
4.700%, 02/27/2033	1,284,000	1,277,255
4.875%, 02/27/2053	963,000	961,385
4.950%, 02/27/2063	449,000	446,378
Gilead Sciences, Inc.		
1.650%, 10/01/2030	577,000	456,581
2.600%, 10/01/2040	996,000	693,533
2.800%, 10/01/2050	1,581,000	1,026,695
4.000%, 09/01/2036	512,000	450,825
GSK Consumer Healthcare Capital US LLC		
3.375%, 03/24/2027 to 03/24/2029	1,207,000	1,100,673
3.625%, 03/24/2032	1,490,000	1,301,492
HCA, Inc.		
4.625%, 03/15/2052 (D)	2,616,000	2,058,107
Pfizer, Inc.		
2.550%, 05/28/2040	321,000	231,982
Roche Holdings, Inc.		
2.076%, 12/13/2031 (D)	3,985,000	3,231,099
2.607%, 12/13/2051 (D)	759,000	498,720

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Shire Acquisitions Investments Ireland DAC		
2.875%, 09/23/2023	\$ 473,000	\$ 465,995
Takeda Pharmaceutical Company, Ltd.		
4.400%, 11/26/2023	349,000	345,633
The Cigna Group		
4.900%, 12/15/2048	639,000	574,716
5.400%, 03/15/2033	3,208,000	3,204,984
UnitedHealth Group, Inc.		
2.750%, 05/15/2040	440,000	320,395
3.050%, 05/15/2041	302,000	226,928
3.250%, 05/15/2051	954,000	683,230
4.000%, 05/15/2029	883,000	837,183
5.250%, 02/15/2028	963,000	976,097
5.350%, 02/15/2033	1,872,000	1,915,008
5.875%, 02/15/2053	1,529,000	1,649,350
		54,674,692
Industrials – 2.4%		
Adani International Container Terminal Private, Ltd.		
3.000%, 02/16/2031 (D)	468,750	350,146
AerCap Ireland Capital DAC		
1.150%, 10/29/2023	6,519,000	6,325,815
Canadian National Railway Company		
3.850%, 08/05/2032	905,000	830,395
4.400%, 08/05/2052	604,000	538,536
Canadian Pacific Railway Company		
1.350%, 12/02/2024	1,426,000	1,329,283
1.750%, 12/02/2026	276,000	244,419
3.000%, 12/02/2041	282,000	213,623
Crowley Conro LLC		
4.181%, 08/15/2043	748,863	696,089
Delta Air Lines, Inc.		
4.750%, 10/20/2028 (D)	3,387,000	3,216,689
John Deere Capital Corp.		
4.150%, 09/15/2027	3,022,000	2,937,020
4.850%, 10/11/2029	1,055,000	1,055,090
4.900%, 03/03/2028	1,604,000	1,600,384
5.050%, 03/03/2026	2,245,000	2,245,312
Lockheed Martin Corp.		
5.700%, 11/15/2054	1,281,000	1,386,385
Norfolk Southern Corp.		
4.450%, 03/01/2033	971,000	911,876
4.550%, 06/01/2053	257,000	221,900
Northrop Grumman Corp.		
4.400%, 05/01/2030	2,051,000	1,958,838
4.700%, 03/15/2033	1,325,000	1,277,684
4.950%, 03/15/2053	947,000	892,551
Quanta Services, Inc.		
0.950%, 10/01/2024	1,144,000	1,058,674
Raytheon Technologies Corp.		
5.000%, 02/27/2026	993,000	991,511
5.150%, 02/27/2033	1,987,000	1,976,984
5.375%, 02/27/2053	1,324,000	1,329,756
The Boeing Company		
2.196%, 02/04/2026	2,177,000	1,977,478
3.250%, 02/01/2035	706,000	543,455
3.750%, 02/01/2050	1,258,000	885,008
5.930%, 05/01/2060	975,000	910,473
Union Pacific Corp.		
2.375%, 05/20/2031	610,000	505,231
2.800%, 02/14/2032	828,000	700,149
3.375%, 02/14/2042	689,000	541,220
		39,651,974

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology – 2.5%		
Advanced Micro Devices, Inc.		
3.924%, 06/01/2032 (E)	\$ 1,851,000	\$ 1,715,117
Apple, Inc.		
2.375%, 02/08/2041	468,000	330,870
2.400%, 08/20/2050	73,000	46,307
2.650%, 05/11/2050 to 02/08/2051	1,278,000	856,410
2.800%, 02/08/2061	409,000	262,372
3.250%, 08/08/2029	468,000	430,409
3.950%, 08/08/2052	1,860,000	1,584,496
4.100%, 08/08/2062	904,000	765,730
Broadcom, Inc.		
2.450%, 02/15/2031 (D)	1,003,000	794,767
3.150%, 11/15/2025	752,000	708,174
3.419%, 04/15/2033 (D)	825,000	664,205
3.469%, 04/15/2034 (D)	645,000	510,499
4.926%, 05/15/2037 (D)	917,000	797,633
Dell International LLC		
5.250%, 02/01/2028	2,270,000	2,233,784
6.100%, 07/15/2027	584,000	600,095
Fiserv, Inc.		
5.449%, 03/02/2028	1,924,000	1,921,330
5.599%, 03/02/2033	1,283,000	1,280,707
Intel Corp.		
2.800%, 08/12/2041	1,500,000	1,021,341
5.625%, 02/10/2043	831,000	811,077
5.700%, 02/10/2053	1,923,000	1,879,109
5.900%, 02/10/2063	894,000	879,897
KLA Corp.		
3.300%, 03/01/2050	526,000	381,989
4.950%, 07/15/2052	535,000	505,945
Microsoft Corp.		
2.525%, 06/01/2050	704,000	470,131
2.921%, 03/17/2052	1,280,000	920,870
NVIDIA Corp.		
2.000%, 06/15/2031	641,000	518,292
2.850%, 04/01/2030	2,348,000	2,068,980
NXP BV		
2.500%, 05/11/2031	641,000	506,288
3.250%, 05/11/2041	630,000	437,748
4.400%, 06/01/2027	696,000	666,332
Oracle Corp.		
3.950%, 03/25/2051	1,213,000	871,277
4.000%, 07/15/2046	1,114,000	813,246
4.375%, 05/15/2055	388,000	294,315
4.900%, 02/06/2033	1,642,000	1,550,855
5.550%, 02/06/2053	854,000	782,547
6.900%, 11/09/2052	2,082,000	2,248,467
Qualcomm, Inc.		
6.000%, 05/20/2053	1,445,000	1,559,328
VMware, Inc.		
0.600%, 08/15/2023	2,808,000	2,746,970
1.000%, 08/15/2024	1,994,000	1,863,107
1.400%, 08/15/2026	1,866,000	1,611,520
4.700%, 05/15/2030	1,153,000	1,079,324
Xilinx, Inc.		
2.375%, 06/01/2030	492,000	414,556
		42,406,416
Materials – 1.0%		
Anglo American Capital PLC		
3.875%, 03/16/2029 (D)	1,480,000	1,329,920
4.750%, 03/16/2052 (D)	1,154,000	954,578
BHP Billiton Finance USA, Ltd.		
4.750%, 02/28/2028	2,567,000	2,536,237
4.875%, 02/27/2026	3,209,000	3,187,745
4.900%, 02/28/2033	1,604,000	1,597,555

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Materials (continued)		
Freeport-McMoRan, Inc. 5.250%, 09/01/2029	\$ 1,788,000	\$ 1,727,154
Glencore Finance Canada, Ltd. 5.550%, 10/25/2042 (D)	289,000	267,645
6.000%, 11/15/2041 (D)	234,000	229,882
6.900%, 11/15/2037 (D)	663,000	716,452
Glencore Funding LLC 2.625%, 09/23/2031 (D)	1,414,000	1,126,291
3.875%, 04/27/2051 (D)	361,000	266,914
4.875%, 03/12/2029 (D)	510,000	492,722
Rohm and Haas Company 7.850%, 07/15/2029	995,000	1,102,467
The Dow Chemical Company 6.900%, 05/15/2053	601,000	671,703
7.375%, 11/01/2029	572,000	635,181
		16,842,446
Real estate – 1.6%		
Agree LP		
2.000%, 06/15/2028	1,200,000	994,824
2.600%, 06/15/2033	274,000	209,130
4.800%, 10/01/2032	603,000	563,987
American Homes 4 Rent LP		
3.625%, 04/15/2032	1,105,000	933,546
4.300%, 04/15/2052	496,000	380,128
American Tower Corp.		
3.125%, 01/15/2027	603,000	553,492
5.500%, 03/15/2028	1,283,000	1,279,074
Brixmor Operating Partnership LP		
2.500%, 08/16/2031	668,000	519,184
Crown Castle, Inc.		
1.050%, 07/15/2026	1,722,000	1,490,865
2.900%, 03/15/2027 to 04/01/2041	1,566,000	1,276,208
5.000%, 01/11/2028	2,558,000	2,519,193
Essex Portfolio LP		
1.700%, 03/01/2028	1,446,000	1,207,836
2.550%, 06/15/2031	571,000	455,826
Federal Realty Investment Trust		
3.950%, 01/15/2024	764,000	752,729
GLP Capital LP		
5.300%, 01/15/2029	558,000	527,807
Invitation Homes Operating Partnership LP		
2.000%, 08/15/2031	191,000	143,269
4.150%, 04/15/2032	1,100,000	967,636
Kimco Realty Corp.		
4.600%, 02/01/2033	962,000	884,130
Mid-America Apartments LP		
3.950%, 03/15/2029	555,000	521,290
4.300%, 10/15/2023	566,000	562,794
Realty Income Corp.		
2.200%, 06/15/2028	593,000	511,915
2.850%, 12/15/2032	800,000	657,092
3.650%, 01/15/2028	301,000	281,925
4.850%, 03/15/2030	767,000	743,985
5.625%, 10/13/2032	1,754,000	1,787,847
Regency Centers LP		
2.950%, 09/15/2029	1,513,000	1,273,669
STORE Capital Corp.		
2.700%, 12/01/2031	385,000	279,958
2.750%, 11/18/2030	977,000	737,902
4.500%, 03/15/2028	1,477,000	1,316,223
4.625%, 03/15/2029	706,000	622,965
Sun Communities Operating LP		
4.200%, 04/15/2032	1,105,000	980,237
		25,936,666

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities – 2.2%		
American Electric Power Company, Inc. 5.625%, 03/01/2033	\$ 1,283,000	\$ 1,282,293
American Transmission Systems, Inc. 2.650%, 01/15/2032 (D)	400,000	327,783
Baltimore Gas and Electric Company 2.250%, 06/15/2031	856,000	692,429
CenterPoint Energy Houston Electric LLC 3.600%, 03/01/2052	632,000	490,288
Commonwealth Edison Company 5.300%, 02/01/2053	258,000	256,432
Consolidated Edison Company of New York, Inc.		
5.200%, 03/01/2033	1,797,000	1,797,191
Consumers Energy Company		
2.500%, 05/01/2060	491,000	275,597
2.650%, 08/15/2052	384,000	244,020
Dominion Energy, Inc.		
3.375%, 04/01/2030	640,000	559,852
5.375%, 11/15/2032	610,000	598,621
DTE Electric Company		
2.950%, 03/01/2050	999,000	680,311
3.650%, 03/01/2052	458,000	354,485
5.200%, 04/01/2033	1,283,000	1,284,336
Duke Energy Carolinas LLC		
2.550%, 04/15/2031	582,000	484,806
2.850%, 03/15/2032	1,063,000	890,788
3.550%, 03/15/2052	774,000	576,970
5.350%, 01/15/2053	1,283,000	1,264,361
Duke Energy Corp.		
2.550%, 06/15/2031	628,000	505,791
3.500%, 06/15/2051	177,000	123,711
Duke Energy Florida LLC		
2.400%, 12/15/2031	853,000	693,037
Duke Energy Progress LLC		
2.500%, 08/15/2050	864,000	516,615
Entergy Arkansas LLC		
2.650%, 06/15/2051	771,000	479,673
5.150%, 01/15/2033	1,284,000	1,277,336
Eversource Energy		
1.650%, 08/15/2030	972,000	749,554
Exelon Corp.		
5.150%, 03/15/2028	898,000	890,020
5.300%, 03/15/2033	1,604,000	1,583,873
5.600%, 03/15/2053	771,000	752,775
Israel Electric Corp., Ltd.		
3.750%, 02/22/2032 (D)	490,000	421,560
Jersey Central Power & Light Company		
2.750%, 03/01/2032 (D)	940,000	767,526
Metropolitan Edison Company		
4.300%, 01/15/2029 (D)	1,006,000	937,887
MidAmerican Energy Company		
2.700%, 08/01/2052	742,000	480,177
Mississippi Power Company		
3.100%, 07/30/2051	1,026,000	672,452
3.950%, 03/30/2028	708,000	666,690
4.250%, 03/15/2042	393,000	321,307
NSTAR Electric Company		
3.100%, 06/01/2051	529,000	369,264
4.550%, 06/01/2052	695,000	625,588
Pacific Gas & Electric Company		
2.100%, 08/01/2027	459,000	390,898
3.950%, 12/01/2047	1,981,000	1,350,883
4.200%, 06/01/2041	498,000	373,844
4.500%, 07/01/2040	295,000	231,100
4.750%, 02/15/2044	288,000	225,531

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
Pacific Gas & Electric Company (continued) 4.950%, 07/01/2050	\$ 2,740,000	\$ 2,163,220
PECO Energy Company 2.850%, 09/15/2051	1,032,000	681,038
Pennsylvania Electric Company 3.250%, 03/15/2028 (D)	834,000	754,209
Public Service Company of Oklahoma 3.150%, 08/15/2051	580,000	386,334
Public Service Electric & Gas Company 1.900%, 08/15/2031	1,148,000	913,475
2.050%, 08/01/2050	238,000	135,299
2.700%, 05/01/2050	467,000	306,795
Public Service Enterprise Group, Inc. 1.600%, 08/15/2030	659,000	509,114
2.450%, 11/15/2031	741,000	592,663
Southern California Edison Company 4.125%, 03/01/2048	645,000	512,454
Trans-Allegheny Interstate Line Company 3.850%, 06/01/2025 (D)	404,000	387,538
Virginia Electric and Power Company 2.950%, 11/15/2051	856,000	564,302
4.625%, 05/15/2052	519,000	456,263
Wisconsin Electric Power Company 4.750%, 09/30/2032	859,000	839,540
		36,669,899
TOTAL CORPORATE BONDS (Cost \$464,399,574)	\$	431,394,388
MUNICIPAL BONDS – 0.2%		
Board of Regents of the University of Texas System 2.439%, 08/15/2049	600,000	400,521
County of Clark Department of Aviation (Nevada) 6.820%, 07/01/2045	1,115,000	1,357,779
North Texas Tollway Authority 6.718%, 01/01/2049	459,000	568,571
Ohio State University 4.800%, 06/01/2111	600,000	542,557
Port Authority of New York & New Jersey 4.458%, 10/01/2062	1,010,000	920,882
TOTAL MUNICIPAL BONDS (Cost \$4,182,688)	\$	3,790,310
COLLATERALIZED MORTGAGE OBLIGATIONS – 9.3%		
Commercial and residential – 3.8%		
3650R Commercial Mortgage Trust Series 2021-PF1, Class A5 2.522%, 11/15/2054	816,000	662,411
Angel Oak Mortgage Trust LLC Series 2020-2, Class A1A, 2.531%, 01/26/2065 (D)(F)	235,753	215,707
Series 2020-5, Class A1, 1.373%, 05/25/2065 (D)(F)	232,120	210,666
Series 2021-6, Class A1, 1.458%, 09/25/2066 (D)(F)	868,014	698,440
BANK		
Series 2022-BNK44, Class A5, 5.746%, 11/15/2055 (F)	1,373,000	1,443,052
Series 2023-BNK45, Class A5, 5.203%, 02/15/2056	682,000	686,869
Barclays Commercial Mortgage Trust Series 2019-C3, Class A3 3.319%, 05/15/2052	897,000	814,169

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
BBCMS Mortgage Trust Series 2018-C2, Class ASB 4.236%, 12/15/2051	\$ 375,000	\$ 362,273
Benchmark Mortgage Trust Series 2019-B13, Class A4 2.952%, 08/15/2057	704,000	616,094
Bunker Hill Loan Depository Trust Series 2019-2, Class A1 2.879%, 07/25/2049 (D)	747,944	694,425
BX Commercial Mortgage Trust Series 2021-VOLT, Class A (1 month LIBOR + 0.700%), 5.288%, 09/15/2036 (A)(D)	3,519,000	3,434,384
Series 2021-XL2, Class A (1 month LIBOR + 0.689%), 5.277%, 10/15/2038 (A)(D)	1,619,898	1,579,412
CFCRE Commercial Mortgage Trust Series 2017-C8, Class ASB 3.367%, 06/15/2050	446,505	426,475
Citigroup Commercial Mortgage Trust Series 2022-GC48, Class A5 4.580%, 05/15/2054 (F)	1,054,000	1,015,369
COLT Mortgage Loan Trust Series 2021-2, Class A1, 0.924%, 08/25/2066 (D)(F)	1,142,200	903,328
Series 2021-4, Class A1, 1.397%, 10/25/2066 (D)(F)	1,233,861	992,372
Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG) Series 2013-CR10, Class A4, 4.210%, 08/10/2046 (F)	45,000	44,876
Series 2013-CR11, Class A4, 4.258%, 08/10/2050	4,514,000	4,469,929
Series 2013-CR13, Class A4, 4.194%, 11/10/2046 (F)	612,000	602,537
Series 2014-UBS4, Class A4, 3.420%, 08/10/2047	1,279,000	1,239,244
Series 2015-LC19, Class A3, 2.922%, 02/10/2048	2,889,169	2,765,307
Series 2015-LC23, Class A3, 3.521%, 10/10/2048	649,000	618,932
CSAIL Commercial Mortgage Trust Series 2019-C16, Class A2, 3.067%, 06/15/2052	615,000	543,026
Series 2021-C20, Class A3, 2.805%, 03/15/2054	510,000	428,004
EQUUS Mortgage Trust Series 2021-EQAZ, Class A (1 month LIBOR + 0.755%) 5.343%, 10/15/2038 (A)(D)	1,387,972	1,354,052
FIVE Mortgage Trust Series 2023-V1, Class A3 5.668%, 02/10/2056	1,528,000	1,555,524
GS Mortgage Securities Trust Series 2013-GC14, Class A5, 4.243%, 08/10/2046	718,000	713,852
Series 2014-GC18, Class A4, 4.074%, 01/10/2047	1,530,000	1,499,611
Series 2015-GC32, Class A3, 3.498%, 07/10/2048	665,361	633,666
Series 2020-GC47, Class A5, 2.377%, 05/12/2053	625,000	522,384
Series 2020-GSA2, Class A4, 1.721%, 12/12/2053	1,786,000	1,417,707

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Impact Funding Affordable Multifamily Housing Mortgage Loan Trust		
Series 2010-1, Class A1		
5.314%, 01/25/2051 (D)	\$ 1,360,792	\$ 1,322,777
JPMBB Commercial Mortgage Securities Trust		
Series 2013-C12, Class A5,		
3.664%, 07/15/2045	1,093,284	1,087,621
Series 2013-C17, Class A4,		
4.199%, 01/15/2047	353,000	348,261
Series 2014-C23, Class A4,		
3.670%, 09/15/2047	532,099	516,064
Series 2015-C28, Class A3,		
2.912%, 10/15/2048	2,354,897	2,236,817
Series 2015-C30, Class A5,		
3.822%, 07/15/2048	981,000	934,532
JPMorgan Chase Commercial Mortgage Securities Trust		
Series 2013-C16, Class A4,		
4.166%, 12/15/2046	1,578,000	1,558,919
Series 2016-JP4, Class A3,		
3.393%, 12/15/2049	346,000	321,214
Med Trust		
Series 2021-MDLN, Class A (1 month LIBOR + 0.950%)		
5.538%, 11/15/2038 (A)(D)	2,229,377	2,175,055
MFA Trust		
Series 2021-NQM2, Class A1		
1.029%, 11/25/2064 (D)(F)	502,818	410,041
Morgan Stanley Capital I Trust		
Series 2019-L2, Class A3,		
3.806%, 03/15/2052	907,000	837,515
Series 2020-HR8, Class A3,		
1.790%, 07/15/2053	982,000	784,090
New Residential Mortgage Loan Trust		
Series 2019-NQM4, Class A1		
2.492%, 09/25/2059 (D)(F)	390,976	357,858
NewRez Warehouse Securitization Trust		
Series 2021-1, Class A (1 month LIBOR + 0.750%)		
5.367%, 05/25/2055 (A)(D)	3,312,000	3,276,014
Starwood Mortgage Residential Trust		
Series 2020-1, Class A1,		
2.275%, 02/25/2050 (D)(F)	144,736	137,499
Series 2020-3, Class A1,		
1.486%, 04/25/2065 (D)(F)	589,691	551,119
Series 2020-INV1, Class A1,		
1.027%, 11/25/2055 (D)(F)	549,211	481,554
Series 2021-1, Class A1,		
1.219%, 05/25/2065 (D)(F)	763,838	671,202
Series 2021-4, Class A1,		
1.162%, 08/25/2056 (D)(F)	1,165,518	967,278
Verus Securitization Trust		
Series 2019-INV2, Class A1,		
2.913%, 07/25/2059 (D)(F)	344,532	333,273
Series 2019-INV3, Class A1,		
2.692%, 11/25/2059 (D)(F)	577,409	547,457
Series 2020-1, Class A1 (2.417% to 1-25-24, then 3.417% thereafter),		
2.417%, 01/25/2060 (D)	145,035	136,846
Series 2020-2, Class A1,		
2.226%, 05/25/2060 (D)(F)	325,481	312,061

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Verus Securitization Trust (continued)		
Series 2020-5, Class A1 (1.218% to 10-1-24, then 2.218% thereafter),		
1.218%, 05/25/2065 (D)	\$ 268,525	\$ 243,319
Series 2021-1, Class A1,		
0.815%, 01/25/2066 (D)(F)	953,343	791,413
Series 2021-3, Class A1,		
1.046%, 06/25/2066 (D)(F)	850,363	705,576
Series 2021-4, Class A1,		
0.938%, 07/25/2066 (D)(F)	1,020,245	810,657
Series 2021-5, Class A1,		
1.013%, 09/25/2066 (D)(F)	3,497,737	2,804,281
Series 2021-7, Class A1,		
1.829%, 10/25/2066 (D)(F)	1,562,146	1,310,095
Series 2021-8, Class A1,		
1.824%, 11/25/2066 (D)(F)	1,104,695	941,057
Series 2021-R1, Class A1,		
0.820%, 10/25/2063 (D)(F)	809,914	724,703
Series 2021-R3, Class A1,		
1.020%, 04/25/2064 (D)(F)	527,045	469,328
Visio Trust		
Series 2020-1R, Class A1		
1.312%, 11/25/2055 (D)	601,042	542,041
		62,811,634
U.S. Government Agency – 5.5%		
Federal Home Loan Mortgage Corp.		
Series 264, Class 30,		
3.000%, 07/15/2042	1,679,254	1,515,907
Series 4205, Class PA,		
1.750%, 05/15/2043	862,882	734,332
Series 4742, Class PA,		
3.000%, 10/15/2047	1,177,475	1,064,081
Series 4880, Class DA,		
3.000%, 05/15/2050	1,750,042	1,590,412
Series 5091, Class AB,		
1.500%, 03/25/2051	2,531,070	2,026,730
Series 5119, Class AB,		
1.500%, 08/25/2049	577,610	456,156
Series 5119, Class QF (1 month SOFR + 0.200%),		
4.684%, 06/25/2051 (A)	1,527,148	1,468,740
Series 5143, Class GA,		
2.000%, 06/25/2049	764,924	628,867
Series 5178, Class TP,		
2.500%, 04/25/2049	1,537,991	1,322,416
Series 5182, Class M,		
2.500%, 05/25/2049	956,520	844,353
Series 5201, Class CA,		
2.500%, 07/25/2048	1,357,218	1,207,658
Series 5202, Class LA,		
2.500%, 05/25/2049	1,419,279	1,229,494
Series 5203, Class G,		
2.500%, 11/25/2048	630,752	549,640
Series K144, Class A2,		
2.450%, 04/25/2032	1,436,000	1,225,521
Series K145, Class A2,		
2.580%, 05/25/2032	1,436,000	1,231,446
Series K146, Class A2,		
2.920%, 06/25/2032	2,584,000	2,280,441
Series K147, Class A2,		
3.000%, 06/25/2032 (F)	2,696,000	2,394,832
Series KG07, Class A2,		
3.123%, 08/25/2032 (F)	1,436,000	1,285,151

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (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		
Series 1998-61, Class PL, 6.000%, 11/25/2028	\$ 103,612	\$ 104,657
Series 2012-151, Class NX, 1.500%, 01/25/2043	808,776	680,714
Series 2013-11, Class AP, 1.500%, 01/25/2043	3,195,955	2,818,168
Series 2013-43, Class BP, 1.750%, 05/25/2043	1,084,008	924,118
Series 2014-25, Class EL, 3.000%, 05/25/2044	960,308	866,147
Series 2015-84, Class PA, 1.700%, 08/25/2033	3,449,722	3,094,696
Series 2016-48, Class MA, 2.000%, 06/25/2038	3,257,803	2,922,399
Series 2016-57, Class PC, 1.750%, 06/25/2046	6,341,188	5,253,168
Series 2017-13, Class PA, 3.000%, 08/25/2046	799,552	733,362
Series 2017-M7, Class A2, 2.961%, 02/25/2027 (F)	484,675	452,728
Series 2018-14, Class KC, 3.000%, 03/25/2048	1,247,080	1,156,431
Series 2018-8, Class KL, 2.500%, 03/25/2047	860,516	750,970
Series 2018-85, Class EA, 3.500%, 12/25/2048	812,798	768,163
Series 2018-85, Class FE (1 month LIBOR + 0.300%), 4.917%, 12/25/2048 (A)	2,341,241	2,291,012
Series 2019-15, Class FA (1 month LIBOR + 0.500%), 5.117%, 04/25/2049 (A)	582,190	573,485
Series 2019-25, Class PA, 3.000%, 05/25/2048	2,376,264	2,160,163
Series 2019-8, Class GA, 3.000%, 03/25/2049	3,441,122	3,094,133
Series 2020-34, Class F (1 month LIBOR + 0.450%), 5.067%, 06/25/2050 (A)	790,074	771,289
Series 2020-45, Class JL, 3.000%, 07/25/2040	2,337,710	2,106,549
Series 2020-48, Class AB, 2.000%, 07/25/2050	1,231,055	1,015,416
Series 2020-48, Class DA, 2.000%, 07/25/2050	3,748,766	3,118,796
Series 2021-27, Class EC, 1.500%, 05/25/2051	4,423,104	3,618,115
Series 2021-78, Class ND, 1.500%, 11/25/2051	1,820,884	1,491,144
Series 2021-78, Class PA, 2.500%, 11/25/2051	1,074,541	933,687
Series 2022-11, Class A, 2.500%, 07/25/2047	2,868,521	2,558,945
Series 2022-28, Class CA, 2.000%, 01/25/2048	1,151,107	1,012,572
Series 2022-M13, Class A2, 2.593%, 06/25/2032 (F)	1,165,000	1,006,408
Series 414, Class A35, 3.500%, 10/25/2042	907,633	842,512
Government National		
Mortgage Association		
Series 2012-141, Class WA, 4.521%, 11/16/2041 (F)	277,555	271,770

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Government National		
Mortgage Association (continued)		
Series 2017-167, Class BQ, 2.500%, 08/20/2044	\$ 810,450	\$ 737,844
Series 2021-23, Class MG, 1.500%, 02/20/2051	3,559,814	2,925,513
Series 2021-27, Class BD, 5.000%, 02/20/2051	904,734	907,260
Series 2021-27, Class CW, 5.001%, 02/20/2051 (F)	1,319,496	1,306,137
Series 2021-27, Class NT, 5.000%, 02/20/2051	1,040,680	1,014,001
Series 2021-27, Class Q, 5.000%, 02/20/2051	914,588	893,379
Series 2021-8, Class CY, 5.000%, 01/20/2051	940,358	931,434
Series 2022-107, Class C, 2.500%, 06/20/2051	3,939,394	3,388,857
Series 2022-197, Class LF (1 month SOFR + 0.700%), 5.126%, 11/20/2052 (A)	3,991,776	4,010,641
Series 2022-205, Class A, 2.000%, 09/20/2051	1,585,283	1,284,771
Series 2022-31, Class GH, 2.500%, 12/20/2049	3,041,796	2,698,975
Series 2022-84, Class A, 2.500%, 01/20/2052	1,164,308	994,256
		91,540,962
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$169,297,241)		\$ 154,352,596
ASSET BACKED SECURITIES – 10.8%		
Ally Auto Receivables Trust		
Series 2022-1, Class A3 3.310%, 11/15/2026	1,404,000	1,364,963
Series 2022-3, Class A4 5.070%, 06/15/2031	666,000	667,037
American Express Credit Account		
Master Trust		
Series 2022-3, Class A 3.750%, 08/15/2027	1,149,000	1,115,373
Series 2022-4, Class A 4.950%, 10/15/2027	1,591,000	1,590,871
AmeriCredit Automobile Receivables Trust		
Series 2022-1, Class A3 2.450%, 11/18/2026	459,000	441,919
Series 2022-2, Class A3 4.380%, 04/18/2028	1,232,000	1,213,168
Avis Budget Rental Car Funding		
AESOP LLC		
Series 2019-3A, Class A 2.360%, 03/20/2026 (D)	1,054,000	991,501
Series 2020-1A, Class A 2.330%, 08/20/2026 (D)	869,000	806,873
Series 2021-2A, Class A 1.660%, 02/20/2028 (D)	2,483,000	2,156,731
Series 2022-4A, Class A 4.770%, 02/20/2029 (D)	1,104,000	1,071,034
Series 2023-1A, Class A 5.250%, 04/20/2029 (D)	3,069,000	3,035,855
Series 2023-2A, Class A 5.200%, 10/20/2027 (D)	1,535,000	1,513,516

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
BA Credit Card Trust		
Series 2022-A1, Class A1	\$ 2,085,000	\$ 2,016,460
3.530%, 11/15/2027		
BMW Vehicle Lease Trust		
Series 2023-1, Class A3	1,145,000	1,143,577
5.160%, 11/25/2025		
Series 2023-1, Class A4	960,000	955,427
5.070%, 06/25/2026		
Capital One Multi-Asset Execution Trust		
Series 2021-A2, Class A2	856,000	723,154
1.390%, 07/15/2030		
Series 2022-A2, Class A	1,749,000	1,691,424
3.490%, 05/15/2027		
Series 2022-A3, Class A	1,526,000	1,525,054
4.950%, 10/15/2027		
Capital One Prime Auto Receivables Trust		
Series 2023-1, Class A3	3,984,000	3,959,478
4.870%, 02/15/2028		
Series 2023-1, Class A4	1,328,000	1,316,857
4.760%, 08/15/2028		
Chase Auto Owner Trust		
Series 2022-AA, Class A4	814,000	790,541
3.990%, 03/27/2028 (D)		
College Ave Student Loans LLC		
Series 2017-A, Class A1 (1 month		
LIBOR + 1.650%)		
6.267%, 11/26/2046 (A)(D)	482,511	473,895
Series 2018-A, Class A2	621,946	579,666
4.130%, 12/26/2047 (D)		
Series 2019-A, Class A2	689,993	624,385
3.280%, 12/28/2048 (D)		
Series 2021-A, Class A2	851,952	735,615
1.600%, 07/25/2051 (D)		
Discover Card Execution Note Trust		
Series 2022-A3, Class A3	5,317,000	5,141,957
3.560%, 07/15/2027		
Enterprise Fleet Financing LLC		
Series 2023-1, Class A2	1,916,000	1,917,198
5.680%, 01/22/2029 (D)		
Series 2023-1, Class A3	1,181,000	1,182,107
5.590%, 10/22/2029 (D)		
Ford Credit Auto Lease Trust		
Series 2022-A, Class A4	438,000	426,746
3.370%, 07/15/2025		
Series 2023-A, Class A3	2,042,000	2,031,336
4.940%, 03/15/2026		
Series 2023-A, Class A4	1,021,000	1,012,898
4.830%, 05/15/2026		
Ford Credit Auto Owner Trust		
Series 2022-1, Class A	3,760,000	3,583,166
3.880%, 11/15/2034 (D)		
Series 2022-A, Class A3	747,000	711,322
1.290%, 06/15/2026		
Series 2022-C, Class A4	2,083,000	2,061,136
4.590%, 12/15/2027		
Series 2022-D, Class A4	603,000	605,747
5.300%, 03/15/2028		
Series 2023-1, Class A	4,967,000	4,912,924
4.850%, 08/15/2035 (D)		
GM Financial Automobile Leasing Trust		
Series 2022-2, Class A3	692,000	676,500
3.420%, 06/20/2025		
Series 2023-1, Class A3	1,019,000	1,018,345
5.160%, 04/20/2026		
Series 2023-1, Class A4	1,433,000	1,426,503
5.160%, 01/20/2027		

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
GM Financial Consumer Automobile		
Receivables Trust		
Series 2022-2, Class A3	\$ 3,183,000	\$ 3,076,385
3.100%, 02/16/2027		
Series 2022-2, Class A4	1,698,000	1,619,648
3.250%, 04/17/2028		
Series 2022-4, Class A3	1,750,000	1,736,567
4.820%, 08/16/2027		
GM Financial Revolving Receivables Trust		
Series 2022-1, Class A	1,576,000	1,628,550
5.910%, 10/11/2035 (D)		
Hertz Vehicle Financing III LLC		
Series 2023-2A, Class A	3,193,000	3,188,385
5.570%, 09/25/2029 (D)		
Hertz Vehicle Financing LLC		
Series 2021-2A, Class A	1,441,000	1,254,675
1.680%, 12/27/2027 (D)		
Series 2022-1A, Class A	2,942,000	2,720,913
1.990%, 06/25/2026 (D)		
Series 2022-2A, Class A	1,628,000	1,435,868
2.330%, 06/26/2028 (D)		
Series 2022-4A, Class A	1,680,000	1,605,117
3.730%, 09/25/2026 (D)		
Honda Auto Receivables Owner Trust		
Series 2022-2, Class A4	778,000	749,908
3.760%, 12/18/2028		
Series 2023-1, Class A3	3,462,000	3,455,437
5.040%, 04/21/2027		
Series 2023-1, Class A4	1,664,000	1,663,062
4.970%, 06/21/2029		
Hyundai Auto Lease Securitization Trust		
Series 2022-C, Class A4	1,705,000	1,674,687
4.480%, 08/17/2026 (D)		
Series 2023-A, Class A4	837,000	829,535
4.940%, 11/16/2026 (D)		
Hyundai Auto Receivables Trust		
Series 2021-C, Class A4	963,000	874,976
1.030%, 12/15/2027		
Series 2022-A, Class A3	1,779,000	1,699,186
2.220%, 10/15/2026		
Series 2022-A, Class A4	606,000	564,848
2.350%, 04/17/2028		
Series 2022-C, Class A4	1,388,000	1,402,694
5.520%, 10/16/2028		
Mercedes-Benz Auto Receivables Trust		
Series 2022-1, Class A4	1,392,000	1,400,901
5.250%, 02/15/2029		
Series 2023-1, Class A3	1,397,000	1,380,211
4.510%, 11/15/2027		
Series 2023-1, Class A4	1,131,000	1,102,079
4.310%, 04/16/2029		
Navient Private Education Loan Trust		
Series 2014-AA, Class A3 (1 month		
LIBOR + 1.600%)		
6.188%, 10/15/2031 (A)(D)	700,157	700,653
Series 2016-AA, Class A2B (1 month		
LIBOR + 2.150%)		
6.738%, 12/15/2045 (A)(D)	182,691	183,998
Series 2020-IA, Class A1A	2,316,941	2,026,159
1.330%, 04/15/2069 (D)		
Navient Private Education Refi Loan Trust		
Series 2018-A, Class A2	158,267	157,233
3.190%, 02/18/2042 (D)		
Series 2018-DA, Class A2A	754,581	721,428
4.000%, 12/15/2059 (D)		
Series 2019-CA, Class A2	1,402,712	1,320,697
3.130%, 02/15/2068 (D)		

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Navient Private Education Refi		
Loan Trust (continued)		
Series 2019-D, Class A2A		
3.010%, 12/15/2059 (D)	\$ 2,021,983	\$ 1,858,335
Series 2019-FA, Class A2		
2.600%, 08/15/2068 (D)	1,062,846	977,482
Series 2020-BA, Class A2		
2.120%, 01/15/2069 (D)	502,738	454,175
Series 2020-EA, Class A		
1.690%, 05/15/2069 (D)	143,321	128,262
Series 2020-GA, Class A		
1.170%, 09/16/2069 (D)	51,341	45,606
Series 2020-HA, Class A		
1.310%, 01/15/2069 (D)	711,607	646,182
Series 2021-A, Class A		
0.840%, 05/15/2069 (D)	527,394	457,496
Series 2021-BA, Class A		
0.940%, 07/15/2069 (D)	440,016	379,613
Series 2021-CA, Class A		
1.060%, 10/15/2069 (D)	116,689	101,170
Series 2021-EA, Class A		
0.970%, 12/16/2069 (D)	2,959,900	2,490,997
Series 2021-FA, Class A		
1.110%, 02/18/2070 (D)	1,571,723	1,333,901
Series 2021-GA, Class A		
1.580%, 04/15/2070 (D)	460,403	399,075
Series 2022-A, Class A		
2.230%, 07/15/2070 (D)	3,900,453	3,422,330
Navient Student Loan Trust		
Series 2019-BA, Class A2A		
3.390%, 12/15/2059 (D)	1,228,956	1,160,849
Series 2021-3A, Class A1A		
1.770%, 08/25/2070 (D)	1,709,285	1,468,591
Nelnet Student Loan Trust		
Series 2004-3, Class A5 (3 month		
LIBOR + 0.180%)		
4.998%, 10/27/2036 (A)	151,390	147,834
Series 2004-4, Class A5 (3 month		
LIBOR + 0.160%)		
4.978%, 01/25/2037 (A)	1,373,575	1,351,793
Series 2005-1, Class A5 (3 month		
LIBOR + 0.110%)		
4.928%, 10/25/2033 (A)	2,740,838	2,678,841
Series 2005-2, Class A5 (3 month		
LIBOR + 0.100%)		
4.853%, 03/23/2037 (A)	3,127,880	3,058,976
Series 2005-3, Class A5 (3 month		
LIBOR + 0.120%)		
4.873%, 12/24/2035 (A)	2,274,304	2,228,495
Series 2005-4, Class A4 (3 month		
LIBOR + 0.180%)		
4.933%, 03/22/2032 (A)	367,397	357,971
Nissan Auto Lease Trust		
Series 2023-A, Class A4		
4.800%, 07/15/2027	1,022,000	1,011,663
Nissan Auto Receivables Owner Trust		
Series 2022-B, Class A4		
4.450%, 11/15/2029	820,000	804,917
PenFed Auto Receivables Owner Trust		
Series 2022-A, Class A3		
3.960%, 04/15/2026 (D)	1,216,000	1,195,144
Series 2022-A, Class A4		
4.180%, 12/15/2028 (D)	598,000	585,403
Santander Drive Auto Receivables Trust		
Series 2022-2, Class A3		
2.980%, 10/15/2026	3,333,000	3,286,357

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Santander Drive Auto		
Receivables Trust (continued)		
Series 2022-3, Class A3		
3.400%, 12/15/2026	\$ 1,251,000	\$ 1,232,055
Series 2022-4, Class A3		
4.140%, 02/16/2027	1,697,000	1,674,132
Series 2022-5, Class A3		
4.110%, 08/17/2026	1,434,000	1,416,388
Series 2022-6, Class A3		
4.490%, 11/16/2026	3,031,000	2,995,639
Series 2022-7, Class A3		
5.750%, 04/15/2027	1,010,000	1,017,534
SMB Private Education Loan Trust		
Series 2016-B, Class A2A		
2.430%, 02/17/2032 (D)	113,131	108,435
Series 2016-B, Class A2B (1 month		
LIBOR + 1.450%)		
6.038%, 02/17/2032 (A)(D)	77,083	76,657
Series 2018-C, Class A2A		
3.630%, 11/15/2035 (D)	589,293	562,482
Series 2019-A, Class A2A		
3.440%, 07/15/2036 (D)	3,485,992	3,320,509
Series 2020-B, Class A1A		
1.290%, 07/15/2053 (D)	956,105	849,210
Series 2020-PTA, Class A2A		
1.600%, 09/15/2054 (D)	1,377,562	1,223,516
Series 2020-PTB, Class A2A		
1.600%, 09/15/2054 (D)	4,124,756	3,669,846
Series 2021-A, Class APT1		
1.070%, 01/15/2053 (D)	3,260,891	2,804,587
Series 2021-B, Class A		
1.310%, 07/17/2051 (D)	856,601	761,685
Series 2021-D, Class A1A		
1.340%, 03/17/2053 (D)	2,589,853	2,301,360
Series 2021-E, Class A1A		
1.680%, 02/15/2051 (D)	1,911,954	1,729,095
Series 2022-D, Class A1B (1 month		
SOFR + 1.800%)		
6.201%, 10/15/2058 (A)(D)	1,430,110	1,431,087
SoFi Professional Loan Program LLC		
Series 2017-D, Class A2FX		
2.650%, 09/25/2040 (D)	233,737	223,179
Series 2017-E, Class A2B		
2.720%, 11/26/2040 (D)	141,027	140,312
Series 2020-C, Class AFX		
1.950%, 02/15/2046 (D)	161,892	146,441
Series 2021-A, Class AFX		
1.030%, 08/17/2043 (D)	548,462	455,704
Series 2021-B, Class AFX		
1.140%, 02/15/2047 (D)	1,253,123	1,030,672
Synchrony Card Funding LLC		
Series 2022-A1, Class A		
3.370%, 04/15/2028	1,600,000	1,543,360
Series 2022-A2, Class A		
3.860%, 07/15/2028	902,000	877,398
T-Mobile US Trust		
Series 2022-1A, Class A		
4.910%, 05/22/2028 (D)	2,340,000	2,327,270
Toyota Auto Loan Extended Note Trust		
Series 2022-1A, Class A		
3.820%, 04/25/2035 (D)	1,489,000	1,418,806
Toyota Auto Receivables Owner Trust		
Series 2022-B, Class A4		
3.110%, 08/16/2027	1,267,000	1,203,447
Series 2022-C, Class A4		
3.770%, 02/15/2028	1,299,000	1,254,239

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Toyota Auto Receivables		
Owner Trust (continued)		
Series 2022-D, Class A4		
5.430%, 04/17/2028	\$ 757,000	\$ 767,300
Series 2023-A, Class A4		
4.420%, 08/15/2028	1,064,000	1,041,419
Triton Container Finance VIII LLC		
Series 2020-1A, Class A		
2.110%, 09/20/2045 (D)	523,630	451,316
Verizon Master Trust		
Series 2022-2, Class A		
1.530%, 07/20/2028	1,023,000	955,256
Series 2022-4, Class A (3.400% to		
6-20-25, then 4.150% thereafter)		
3.400%, 11/20/2028	2,260,000	2,179,551
Series 2022-6, Class A (3.670% to		
7-20-25, then 4.420% thereafter)		
3.670%, 01/22/2029	2,106,000	2,038,520
Series 2023-1, Class A (4.490% to		
1-20-26, then 5.240% thereafter)		
4.490%, 01/22/2029	2,468,000	2,433,821
TOTAL ASSET BACKED SECURITIES		
(Cost \$187,611,659)		\$ 179,079,745
SHORT-TERM INVESTMENTS – 3.6%		
Short-term funds – 3.6%		
John Hancock Collateral Trust,		
4.5832% (G)(H)	116,498	1,164,452
State Street Institutional U.S. Government		
Money Market Fund, Premier Class,		
4.4192% (G)	58,369,045	58,369,045
TOTAL SHORT-TERM INVESTMENTS (Cost \$59,533,626)		\$ 59,533,497
Total Investments (Core Bond Fund)		
(Cost \$1,898,855,567) – 107.3%		\$ 1,781,529,185
Other assets and liabilities, net – (7.3%)		(121,312,252)
TOTAL NET ASSETS – 100.0%		\$ 1,660,216,933
SALE COMMITMENTS		
OUTSTANDING - (0.6%)		
U.S. Government Agency – (0.6%)		
Federal National Mortgage Association		
3.500%, TBA (C)	\$ (11,400,000)	\$ (10,379,351)
TOTAL SALE COMMITMENTS OUTSTANDING (Proceeds		
received \$10,541,422)		\$ (10,379,351)

Security Abbreviations and Legend

CME	Chicago Mercantile Exchange
CMT	Constant Maturity Treasury
LIBOR	London Interbank Offered Rate
SOFR	Secured Overnight Financing Rate
TBA	To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date.
(A)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(B)	Zero coupon bonds are issued at a discount from their principal amount in lieu of paying interest periodically. Rate shown is the effective yield at period end.
(C)	Security purchased or sold on a when-issued or delayed delivery basis.
(D)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$169,963,172 or 10.2% of the fund's net assets as of 2-28-23.

Core Bond Fund (continued)

- (E) All or a portion of this security is on loan as of 2-28-23.
- (F) Variable or floating rate security, the interest rate of which adjusts periodically based on a weighted average of interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of period end.
- (G) The rate shown is the annualized seven-day yield as of 2-28-23.
- (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.

Health Sciences Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 98.4%		
Consumer discretionary – 0.1%		
Specialty retail – 0.1%		
Warby Parker, Inc., Class A (A)	31,063	\$ 404,130
Health care – 98.2%		
Biotechnology – 29.7%		
2seventy bio, Inc. (A)	16,524	222,909
Aadi Bioscience, Inc. (A)	4,411	47,506
AbbVie, Inc.	32,680	5,029,452
ACADIA Pharmaceuticals, Inc. (A)	27,495	568,872
ADC Therapeutics SA (A)	30,034	108,122
Agiros Pharmaceuticals, Inc. (A)	9,345	236,522
Akero Therapeutics, Inc. (A)	14,039	638,915
Alector, Inc. (A)	15,178	129,620
Allakos, Inc. (A)	21,130	125,724
Allogene Therapeutics, Inc. (A)	46,738	296,786
Alnylam Pharmaceuticals, Inc. (A)	31,770	6,082,367
Apellis Pharmaceuticals, Inc. (A)	25,535	1,672,032
Arcus Biosciences, Inc. (A)	10,575	192,571
Ardelyx, Inc. (A)	59,604	171,660
Argenx SE, ADR (A)	13,859	5,072,671
Ascendis Pharma A/S, ADR (A)	17,275	1,919,080
Aura Biosciences, Inc. (A)	11,763	117,512
Avidity Biosciences, Inc. (A)	36,946	875,620
BeiGene, Ltd., ADR (A)	6,906	1,551,295
Bicycle Therapeutics PLC, ADR (A)	7,776	176,748
Biogen, Inc. (A)	8,944	2,413,628
Biohaven, Ltd. (A)	20,237	309,221
BioMarin Pharmaceutical, Inc. (A)	18,104	1,802,977
BioNTech SE, ADR	6,074	789,924
Blueprint Medicines Corp. (A)	26,946	1,141,702
C4 Therapeutics, Inc. (A)	15,753	83,018
Celldex Therapeutics, Inc. (A)	14,043	600,900
Centessa Pharmaceuticals PLC, ADR (A)	34,369	120,979
Cerevel Therapeutics Holdings, Inc. (A)	35,004	934,257
CRISPR Therapeutics AG (A)	7,107	350,517
CureVac NV (A)	35,420	306,029
Cytokinetics, Inc. (A)	10,328	447,822
Day One Biopharmaceuticals, Inc. (A)	14,310	263,590
Deciphera Pharmaceuticals, Inc. (A)	14,003	203,044
Denali Therapeutics, Inc. (A)	22,086	599,635
Dyne Therapeutics, Inc. (A)	4,600	59,248
Enanta Pharmaceuticals, Inc. (A)	3,435	166,598
Entrada Therapeutics, Inc. (A)	15,167	193,379
Exact Sciences Corp. (A)	23,743	1,479,901
Exelixis, Inc. (A)	44,567	761,204
Exscientia PLC, ADR (A)	8,984	58,486
Fate Therapeutics, Inc. (A)	22,456	137,431
FibroGen, Inc. (A)	12,925	286,935
F-star Therapeutics, Inc. (A)	1,835	9,817
Galapagos NV, ADR (A)	3,633	136,183
Generation Bio Company (A)	45,593	180,548
Genmab A/S (A)	4,936	1,857,165
Gossamer Bio, Inc. (A)	15,631	27,042

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
IGM Biosciences, Inc. (A)	11,067	\$ 232,628
Immatics NV (A)	18,386	155,729
Immuneering Corp., Class A (A)	37,514	183,443
Immunocore Holdings PLC, ADR (A)	21,647	1,187,338
Immunovant, Inc. (A)	11,104	193,987
Incyte Corp. (A)	18,705	1,439,911
Insmmed, Inc. (A)	51,103	1,041,479
Intellia Therapeutics, Inc. (A)	8,896	357,352
Ionis Pharmaceuticals, Inc. (A)	22,709	815,253
Iovance Biotherapeutics, Inc. (A)	39,305	286,533
IVERIC bio, Inc. (A)	54,190	1,126,068
Karuna Therapeutics, Inc. (A)	12,305	2,453,863
Keros Therapeutics, Inc. (A)	5,007	266,473
Kodiak Sciences, Inc. (A)	17,745	115,343
Kronos Bio, Inc. (A)	2,694	4,688
Kymera Therapeutics, Inc. (A)	19,426	609,588
Legend Biotech Corp., ADR (A)	15,067	695,794
LianBio, ADR (A)	47,800	88,430
Lyell Immunopharma, Inc. (A)	45,207	97,195
MeiraGTx Holdings PLC (A)	12,164	93,906
Mirati Therapeutics, Inc. (A)	15,322	702,360
Moderna, Inc. (A)	12,363	1,716,108
Monte Rosa Therapeutics, Inc. (A)	35,064	213,189
MoonLake Immunotherapeutics (A)	17,736	340,354
Morphic Holding, Inc. (A)	6,757	287,308
Neurocrine Biosciences, Inc. (A)	7,567	780,158
Nuvalent, Inc., Class A (A)	5,692	172,411
Prelude Therapeutics, Inc. (A)	5,546	31,390
Prime Medicine, Inc. (A)	14,441	237,266
Progenics Pharmaceuticals, Inc. (A)(B)	33,200	38,210
Prometheus Biosciences, Inc. (A)	8,566	1,048,393
Protagonist Therapeutics, Inc. (A)	9,483	153,814
Prothena Corp. PLC (A)	14,058	783,874
PTC Therapeutics, Inc. (A)	7,083	309,315
RAPT Therapeutics, Inc. (A)	18,326	539,701
Regeneron Pharmaceuticals, Inc. (A)	14,260	10,843,589
REGENXBIO, Inc. (A)	5,547	123,421
Relay Therapeutics, Inc. (A)	41,209	665,525
Replimune Group, Inc. (A)	31,946	699,617
REVOLUTION Medicines, Inc. (A)	31,521	843,502
Rocket Pharmaceuticals, Inc. (A)	14,022	269,363
Sage Therapeutics, Inc. (A)	12,334	513,588
Sana Biotechnology, Inc. (A)	51,869	190,359
Sarepta Therapeutics, Inc. (A)	11,476	1,401,564
Scholar Rock Holding Corp. (A)	43,766	375,512
Seagen, Inc. (A)	16,659	2,993,456
Senti Biosciences, Inc. (A)	26,772	40,158
SpringWorks Therapeutics, Inc. (A)	3,743	119,402
Stoke Therapeutics, Inc. (A)	11,180	99,390
Tenaya Therapeutics, Inc. (A)	33,831	103,861
Twist Bioscience Corp. (A)	8,301	161,537
Ultragenyx Pharmaceutical, Inc. (A)	28,464	1,266,363
Vertex Pharmaceuticals, Inc. (A)	24,591	7,138,521
Voyager Therapeutics, Inc. (A)	18,592	133,491
Xencor, Inc. (A)	18,574	596,783
Zai Lab, Ltd., ADR (A)	14,388	534,514
Zentalis Pharmaceuticals, Inc. (A)	15,693	297,068
		89,166,600
Health care equipment and supplies – 15.2%		
Becton, Dickinson and Company	23,430	5,495,507
DexCom, Inc. (A)	23,008	2,554,118
GE HealthCare Technologies, Inc. (A)	13,507	1,026,532
Hologic, Inc. (A)	37,299	2,970,492
Inari Medical, Inc. (A)	9,166	515,679
Insulet Corp. (A)	8,605	2,378,078

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Intuitive Surgical, Inc. (A)	33,921	\$ 7,781,138
iRhythm Technologies, Inc. (A)	4,701	553,214
Lantheus Holdings, Inc. (A)	4,549	336,444
Nevro Corp. (A)	5,273	165,783
Novocure, Ltd. (A)	28,959	2,228,974
Orchestra Biomed Holdings, Inc. (A)	19,166	179,202
Paragon 28, Inc. (A)	10,136	178,495
Penumbra, Inc. (A)	13,358	3,472,946
PROCEPT BioRobotics Corp. (A)	15,266	571,712
QuidelOrtho Corp. (A)	8,168	710,126
Shockwave Medical, Inc. (A)	11,330	2,155,419
STERIS PLC	4,487	843,691
Stryker Corp.	28,931	7,605,381
Teleflex, Inc.	6,209	1,479,170
The Cooper Companies, Inc.	2,509	820,368
Zimmer Biomet Holdings, Inc.	12,032	1,490,404
		45,512,873
Health care providers and services – 19.6%		
agilon health, Inc. (A)	22,905	485,815
Alignment Healthcare, Inc. (A)	31,904	317,126
AmerisourceBergen Corp.	4,766	741,399
Centene Corp. (A)	44,484	3,042,706
Elevance Health, Inc.	20,794	9,766,318
GeneDx Holdings Corp. (A)	32,652	16,326
Guardant Health, Inc. (A)	23,074	712,756
HCA Healthcare, Inc.	12,766	3,107,883
Humana, Inc.	12,813	6,342,691
McKesson Corp.	2,492	871,727
Molina Healthcare, Inc. (A)	15,284	4,208,144
Option Care Health, Inc. (A)	14,779	453,272
Surgery Partners, Inc. (A)	15,276	510,982
The Cigna Group	14,077	4,111,892
UnitedHealth Group, Inc.	50,560	24,063,524
		58,752,561
Health care technology – 1.0%		
Certara, Inc. (A)	11,909	215,791
Doximity, Inc., Class A (A)	26,843	902,730
Schrodinger, Inc. (A)	4,300	93,439
Sophia Genetics SA (A)	31,768	82,597
Veeva Systems, Inc., Class A (A)	11,112	1,840,814
		3,135,371
Life sciences tools and services – 16.1%		
10X Genomics, Inc., Class A (A)	26,056	1,238,181
Adaptive Biotechnologies Corp. (A)	23,474	200,703
Agilent Technologies, Inc.	42,616	6,050,194
Avantor, Inc. (A)	83,298	2,029,972
Bio-Techne Corp.	7,676	557,585
Bruker Corp.	36,440	2,511,445
Charles River Laboratories International, Inc. (A)	7,715	1,692,208
Danaher Corp.	36,777	9,103,411
Evotec SE (A)	13,450	241,172
Illumina, Inc. (A)	6,354	1,265,717
IQVIA Holdings, Inc. (A)	4,137	862,440
Mettler-Toledo International, Inc. (A)	997	1,429,409
Olink Holding AB, ADR (A)	43,234	1,013,405
Pacific Biosciences of California, Inc. (A)	60,892	552,899
Rapid Micro Biosystems, Inc., Class A (A)	18,669	19,976
Repligen Corp. (A)	4,395	766,356
Seer, Inc. (A)	31,895	130,451
Thermo Fisher Scientific, Inc.	29,328	15,888,737
West Pharmaceutical Services, Inc.	7,320	2,320,660

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Life sciences tools and services (continued)		
WuXi Biologics Cayman, Inc. (A)(C)	68,000	\$ 476,010
		48,350,931
Pharmaceuticals – 16.6%		
Amylyx Pharmaceuticals, Inc. (A)	800	27,856
Arvinas, Inc. (A)	11,764	360,567
AstraZeneca PLC, ADR	155,872	10,159,737
Axsome Therapeutics, Inc. (A)	2,013	137,266
Catalent, Inc. (A)	19,222	1,311,325
Daiichi Sankyo Company, Ltd.	71,100	2,239,390
DICE Therapeutics, Inc. (A)	16,049	478,902
Eisai Company, Ltd.	8,100	437,503
Eli Lilly & Company	31,501	9,803,741
Johnson & Johnson	3,900	597,714
Longboard Pharmaceuticals, Inc. (A)	9,431	49,041
Merck & Company, Inc.	100,731	10,701,661
Novo Nordisk A/S, ADR	4,548	641,223
Nuvation Bio, Inc. (A)	11,900	23,086
Pfizer, Inc.	144,881	5,877,822
Pliant Therapeutics, Inc. (A)	13,397	426,828
Reata Pharmaceuticals, Inc., Class A (A)	1,692	52,740
Relmada Therapeutics, Inc. (A)	2,900	10,440
Roche Holding AG	7,399	2,133,419
Royalty Pharma PLC, Class A	34,291	1,229,332
Structure Therapeutics, Inc. (A)	7,815	199,751
Theseus Pharmaceuticals, Inc. (A)	25,222	234,060
Third Harmonic Bio, Inc. (A)	7,369	31,245
Ventyx Biosciences, Inc. (A)	16,363	707,700
Viatriis, Inc.	38,121	434,579
Zoetis, Inc.	8,268	1,380,756
		49,687,684
		294,606,020
Materials – 0.1%		
Chemicals – 0.1%		
Ginkgo Bioworks Holdings, Inc. (A)	91,101	133,918
TOTAL COMMON STOCKS (Cost \$215,770,476)		\$ 295,144,068
PREFERRED SECURITIES – 0.7%		
Health care – 0.7%		
Life sciences tools and services – 0.7%		
Sartorius AG	4,817	2,046,107
TOTAL PREFERRED SECURITIES (Cost \$892,110)		\$ 2,046,107
WARRANTS – 0.0%		
EQRx, Inc. (Expiration Date: 12-20-26; Strike Price: \$11.50) (A)	6,524	1,621
GeneDx Holdings Corp. (Expiration Date: 7-22-26; Strike Price: \$11.50) (A)	7,150	187
SomaLogic, Inc. (Expiration Date: 8-31-26; Strike Price: \$11.50) (A)	2,900	1,015
TOTAL WARRANTS (Cost \$42,435)		\$ 2,823
SHORT-TERM INVESTMENTS – 0.5%		
Short-term funds – 0.5%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 4.4192% (D)	1,409,590	1,409,590
T. Rowe Price Government Reserve Fund, 4.5920% (D)	34,138	34,138
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,443,728)		\$ 1,443,728
Total Investments (Health Sciences Fund) (Cost \$218,148,749) – 99.6%		\$ 298,636,726
Other assets and liabilities, net – 0.4%		1,276,900
TOTAL NET ASSETS – 100.0%		\$ 299,913,626

Health Sciences Fund (continued)

Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.
(C)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(D)	The rate shown is the annualized seven-day yield as of 2-28-23.

High Yield Fund

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS – 0.4%		
Argentina – 0.4%		
Provincia de Buenos Aires		
5.250%, (5.250% to 9-1-23, then 6.375% to 9-1-24, then 6.625% thereafter), 09/01/2037 (A)	\$ 968,484	\$ 370,445
Republic of Argentina		
0.500%, (0.500% to 7-9-23, then 0.750% to 7-9-27, then 1.750% thereafter), 07/09/2030	716,203	231,908
1.000%, 07/09/2029	54,775	16,991
1.500%, (1.500% to 7-9-23, then 3.625% to 7-9-24, then 4.125% to 7-9-27, then 4.750% to 7-9-28, then 5.000% thereafter), 07/09/2035	476,895	135,580
		754,924
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$1,233,385)		\$ 754,924
CORPORATE BONDS – 82.4%		
Communication services – 10.8%		
Accelerate360 Holdings LLC		
8.000%, 03/01/2028 (A)	873,000	916,650
Allen Media LLC		
10.500%, 02/15/2028 (A)	1,860,000	799,800
Altice Financing SA		
5.750%, 08/15/2029 (A)	1,050,000	858,701
Altice France Holding SA		
10.500%, 05/15/2027 (A)	770,000	635,966
Altice France SA		
5.125%, 07/15/2029 (A)	630,000	487,973
AMC Entertainment Holdings, Inc.		
7.500%, 02/15/2029 (A)	930,000	557,321
10.000%, 06/15/2026 (A)	420,000	216,434
CCO Holdings LLC		
4.250%, 01/15/2034 (A)	1,440,000	1,077,916
4.500%, 05/01/2032	1,740,000	1,377,123
4.750%, 02/01/2032 (A)	500,000	405,000
Clear Channel Outdoor Holdings, Inc.		
7.500%, 06/01/2029 (A)(B)	700,000	567,000
CSC Holdings LLC		
4.500%, 11/15/2031 (A)	330,000	234,293
5.000%, 11/15/2031 (A)	430,000	228,975
5.750%, 01/15/2030 (A)	660,000	378,002
6.500%, 02/01/2029 (A)	900,000	762,840
Directv Financing LLC		
5.875%, 08/15/2027 (A)	800,000	715,215
DISH DBS Corp.		
5.125%, 06/01/2029	1,020,000	602,703
5.750%, 12/01/2028 (A)	1,210,000	966,548
7.750%, 07/01/2026	1,800,000	1,397,250

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Gannett Holdings LLC		
6.000%, 11/01/2026 (A)	\$ 860,000	\$ 722,452
iHeartCommunications, Inc.		
4.750%, 01/15/2028 (A)	30,000	25,228
5.250%, 08/15/2027 (A)	780,000	678,772
Match Group Holdings II LLC		
3.625%, 10/01/2031 (A)(B)	260,000	203,450
4.625%, 06/01/2028 (A)	440,000	390,833
Playtika Holding Corp.		
4.250%, 03/15/2029 (A)	700,000	567,000
Sabre GLBL, Inc.		
11.250%, 12/15/2027 (A)	690,000	689,565
Sprint Capital Corp.		
8.750%, 03/15/2032	450,000	535,721
Telecom Italia Capital SA		
6.000%, 09/30/2034	570,000	476,235
Time Warner Cable LLC		
7.300%, 07/01/2038	400,000	400,898
UPC Holding BV		
5.500%, 01/15/2028 (A)	400,000	354,000
Urban One, Inc.		
7.375%, 02/01/2028 (A)	400,000	356,956
Virgin Media Secured Finance PLC		
5.500%, 05/15/2029 (A)	550,000	498,388
Virgin Media Vendor Financing Notes IV DAC		
5.000%, 07/15/2028 (A)	510,000	442,641
Vmed O2 UK Financing I PLC		
4.750%, 07/15/2031 (A)	500,000	414,100
ZipRecruiter, Inc.		
5.000%, 01/15/2030 (A)	430,000	361,200
ZoomInfo Technologies LLC		
3.875%, 02/01/2029 (A)	600,000	498,734
		20,801,883
Consumer discretionary – 19.2%		
Academy, Ltd.		
6.000%, 11/15/2027 (A)	650,000	614,250
Adtalem Global Education, Inc.		
5.500%, 03/01/2028 (A)	609,000	560,603
American Axle & Manufacturing, Inc.		
5.000%, 10/01/2029	1,000,000	806,807
American News Company LLC		
8.500%, (8.500% Cash or 10.000% PIK), 09/01/2026 (A)	684,486	782,025
Bath & Body Works, Inc.		
5.250%, 02/01/2028	850,000	791,563
6.625%, 10/01/2030 (A)	340,000	322,058
9.375%, 07/01/2025 (A)	370,000	391,275
Boyne USA, Inc.		
4.750%, 05/15/2029 (A)	480,000	424,830
Caesars Entertainment, Inc.		
4.625%, 10/15/2029 (A)(B)	530,000	453,309
7.000%, 02/15/2030 (A)	680,000	685,100
8.125%, 07/01/2027 (A)	240,000	242,400
Carnival Corp.		
7.625%, 03/01/2026 (A)	500,000	448,863
10.500%, 06/01/2030 (A)(B)	490,000	474,492
Carnival Holdings Bermuda, Ltd.		
10.375%, 05/01/2028 (A)	620,000	663,400
Carriage Purchaser, Inc.		
7.875%, 10/15/2029 (A)	980,000	732,952
Carriage Services, Inc.		
4.250%, 05/15/2029 (A)	720,000	578,837
Carrols Restaurant Group, Inc.		
5.875%, 07/01/2029 (A)	470,000	357,200

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Dornoch Debt Merger Sub, Inc.		
6.625%, 10/15/2029 (A)	\$ 550,000	\$ 415,250
Empire Communities Corp.		
7.000%, 12/15/2025 (A)	900,000	803,250
Fertitta Entertainment LLC		
4.625%, 01/15/2029 (A)	560,000	484,344
Fontainebleau Las Vegas Holdings LLC		
11.000%, 06/15/2015 (A)(C)	2,983,778	298
Foot Locker, Inc.		
4.000%, 10/01/2029 (A)	760,000	624,797
Ford Motor Company		
3.250%, 02/12/2032	530,000	401,797
6.100%, 08/19/2032	1,270,000	1,182,080
Ford Motor Credit Company LLC		
4.000%, 11/13/2030	1,430,000	1,191,834
4.950%, 05/28/2027	430,000	400,627
5.113%, 05/03/2029	1,160,000	1,060,356
7.350%, 03/06/2030	520,000	526,583
Full House Resorts, Inc.		
8.250%, 02/15/2028 (A)	1,110,000	1,065,519
Marston's Issuer PLC		
6.338%, (SONIA + 2.669%), 07/16/2035 (D)	GBP 380,000	351,148
Melco Resorts Finance, Ltd.		
5.375%, 12/04/2029 (A)	\$ 650,000	537,231
Mohegan Tribal Gaming Authority		
13.250%, 12/15/2027 (A)	650,000	693,518
NCL Corp., Ltd.		
5.875%, 02/15/2027 (A)	2,000,000	1,855,000
7.750%, 02/15/2029 (A)	800,000	696,400
8.375%, 02/01/2028 (A)	1,240,000	1,259,809
NMG Holding Company, Inc.		
7.125%, 04/01/2026 (A)	680,000	656,200
PetSmart, Inc.		
7.750%, 02/15/2029 (A)	250,000	243,875
Royal Caribbean Cruises, Ltd.		
5.500%, 08/31/2026 (A)	840,000	771,809
7.250%, 01/15/2030 (A)	970,000	972,425
11.625%, 08/15/2027 (A)	660,000	702,926
Sands China, Ltd.		
5.900%, 08/08/2028	200,000	189,397
Sizzling Platter LLC		
8.500%, 11/28/2025 (A)	460,000	419,750
Speedway Motorsports LLC		
4.875%, 11/01/2027 (A)	590,000	544,263
StoneMor, Inc.		
8.500%, 05/15/2029 (A)	1,060,000	766,369
Sugarhouse HSP Gaming Prop Mezz LP		
5.875%, 05/15/2025 (A)	280,000	264,007
The Michaels Companies, Inc.		
5.250%, 05/01/2028 (A)	540,000	449,404
7.875%, 05/01/2029 (A)	1,140,000	857,850
TopBuild Corp.		
3.625%, 03/15/2029 (A)	400,000	333,393
Upbound Group, Inc.		
6.375%, 02/15/2029 (A)(B)	930,000	797,819
Viking Cruises, Ltd.		
5.875%, 09/15/2027 (A)	310,000	265,837
7.000%, 02/15/2029 (A)(B)	1,590,000	1,367,153
13.000%, 05/15/2025 (A)	1,000,000	1,062,945
VOC Escrow, Ltd.		
5.000%, 02/15/2028 (A)	700,000	616,665
WW International, Inc.		
4.500%, 04/15/2029 (A)	1,000,000	510,000

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Wynn Macau, Ltd.		
5.125%, 12/15/2029 (A)	\$ 300,000	\$ 246,000
5.625%, 08/26/2028 (A)	1,690,000	1,446,598
Wynn Resorts Finance LLC		
7.125%, 02/15/2031 (A)	690,000	688,620
		37,053,110
Consumer staples – 0.8%		
Darling Ingredients, Inc.		
6.000%, 06/15/2030 (A)	250,000	241,561
Simmons Foods, Inc.		
4.625%, 03/01/2029 (A)	700,000	570,500
Triton Water Holdings, Inc.		
6.250%, 04/01/2029 (A)	820,000	653,581
		1,465,642
Energy – 11.2%		
Berry Petroleum Company LLC		
7.000%, 02/15/2026 (A)	1,100,000	1,036,750
Blue Racer Midstream LLC		
6.625%, 07/15/2026 (A)	1,100,000	1,072,357
Chord Energy Corp.		
6.375%, 06/01/2026 (A)	900,000	867,906
CNX Midstream Partners LP		
4.750%, 04/15/2030 (A)	990,000	811,635
Crescent Energy Finance LLC		
9.250%, 02/15/2028 (A)	660,000	643,401
Earthstone Energy Holdings LLC		
8.000%, 04/15/2027 (A)	180,000	172,406
Endeavor Energy Resources LP		
5.750%, 01/30/2028 (A)	490,000	472,850
Energy Transfer LP		
6.500%, (6.500% to 11-15-26, then 5 Year CMT + 5.694%), 11/15/2026 (E)	230,000	211,995
EQM Midstream Partners LP		
5.500%, 07/15/2028	400,000	357,000
6.500%, 07/15/2048	1,750,000	1,303,540
Genesis Energy LP		
8.875%, 04/15/2030	610,000	612,996
Hilcorp Energy I LP		
6.250%, 04/15/2032 (A)	670,000	607,549
Howard Midstream Energy Partners LLC		
6.750%, 01/15/2027 (A)	810,000	771,306
MEG Energy Corp.		
5.875%, 02/01/2029 (A)	350,000	326,435
7.125%, 02/01/2027 (A)	630,000	639,450
Nabors Industries, Ltd.		
7.250%, 01/15/2026 (A)	750,000	713,910
Neptune Energy Bondco PLC		
6.625%, 05/15/2025 (A)	340,000	330,543
Northern Oil and Gas, Inc.		
8.125%, 03/01/2028 (A)	700,000	675,500
Occidental Petroleum Corp.		
4.100%, 02/15/2047	160,000	120,000
4.400%, 04/15/2046	240,000	184,134
6.450%, 09/15/2036	330,000	331,650
6.600%, 03/15/2046	520,000	529,168
8.875%, 07/15/2030	600,000	681,510
Permian Resources Operating LLC		
5.875%, 07/01/2029 (A)	1,100,000	986,249
Range Resources Corp.		
8.250%, 01/15/2029	800,000	821,000
ROCC Holdings LLC		
9.250%, 08/15/2026 (A)	1,200,000	1,266,000
Southwestern Energy Company		
4.750%, 02/01/2032	1,080,000	928,076

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Summit Midstream Holdings LLC		
8.500%, 10/15/2026 (A)	\$ 430,000	\$ 408,284
Tallgrass Energy Partners LP		
6.000%, 12/31/2030 (A)	670,000	577,768
Transocean, Inc.		
8.750%, 02/15/2030 (A)	790,000	803,825
Venture Global Calcasieu Pass LLC		
3.875%, 11/01/2033 (A)	700,000	570,780
6.250%, 01/15/2030 (A)	500,000	493,125
Western Midstream Operating LP		
5.450%, 04/01/2044	860,000	724,550
5.500%, 02/01/2050	720,000	587,803
		21,641,451
Financials – 9.5%		
Acuris Finance U.S., Inc.		
5.000%, 05/01/2028 (A)	350,000	278,688
AFC Gamma, Inc.		
5.750%, 05/01/2027 (A)	720,000	571,619
Apollo Commercial Real Estate Finance, Inc.		
4.625%, 06/15/2029 (A)	530,000	408,797
Barclays PLC		
8.000%, (8.000% to 6-15-24, then 5 Year CMT + 5.672%), 06/15/2024 (E)	400,000	396,000
BNP Paribas SA		
7.375%, (7.375% to 8-19-25, then 5 Year U.S. Swap Rate + 5.150%), 08/19/2025 (A)(E)	820,000	815,785
Bread Financial Holdings, Inc.		
4.750%, 12/15/2024 (A)	600,000	556,194
Burford Capital Global Finance LLC		
6.250%, 04/15/2028 (A)	700,000	610,325
6.875%, 04/15/2030 (A)	630,000	543,564
Coinbase Global, Inc.		
3.625%, 10/01/2031 (A)	720,000	434,218
Credit Suisse Group AG		
6.375%, (6.375% to 8-21-26, then 5 Year CMT + 4.822%), 08/21/2026 (A)(E)	1,350,000	997,209
6.537%, (6.537% to 8-12-32, then SOFR + 3.920%), 08/12/2033 (A)	580,000	520,834
9.750%, (9.750% to 6-23-27, then 5 Year CMT + 6.383%), 06/23/2027 (A)(E)	1,030,000	932,047
FirstCash, Inc.		
4.625%, 09/01/2028 (A)	530,000	460,422
5.625%, 01/01/2030 (A)	170,000	150,372
Global Aircraft Leasing Company, Ltd.		
6.500%, (6.500% Cash or 7.250% PIK), 09/15/2024 (A)	2,464,665	2,228,082
Highlands Holdings Bond Issuer, Ltd.		
7.625%, (7.625% Cash or 8.375% PIK), 10/15/2025 (A)	977,637	899,218
Intesa Sanpaolo SpA		
4.198%, (4.198% to 6-1-31, then 1 Year CMT + 2.600%), 06/01/2032 (A)	640,000	482,207
Jane Street Group		
4.500%, 11/15/2029 (A)	440,000	386,184
Ladder Capital Finance Holdings LLLP		
4.250%, 02/01/2027 (A)	230,000	195,515
4.750%, 06/15/2029 (A)	490,000	398,455
Midcap Financial Issuer Trust		
5.625%, 01/15/2030 (A)	450,000	353,605
6.500%, 05/01/2028 (A)	590,000	508,875

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
NMI Holdings, Inc.		
7.375%, 06/01/2025 (A)	\$ 800,000	\$ 796,000
Rocket Mortgage LLC		
3.875%, 03/01/2031 (A)	860,000	670,233
4.000%, 10/15/2033 (A)	890,000	657,975
Ryan Specialty Group LLC		
4.375%, 02/01/2030 (A)	670,000	572,824
StoneX Group, Inc.		
8.625%, 06/15/2025 (A)	640,000	643,702
UBS Group AG		
7.000%, (7.000% to 1-31-24, then 5 Year U.S. Swap Rate + 4.344%), 01/31/2024 (A)(E)	1,170,000	1,164,364
UniCredit SpA		
5.459%, (5.459% to 6-30-30, then 5 Year CMT + 4.750%), 06/30/2035 (A)	790,000	670,199
		18,303,512
Health care – 5.0%		
AdaptHealth LLC		
4.625%, 08/01/2029 (A)	500,000	419,700
5.125%, 03/01/2030 (A)	800,000	692,000
Akumin, Inc.		
7.000%, 11/01/2025 (A)	1,000,000	795,395
AthenaHealth Group, Inc.		
6.500%, 02/15/2030 (A)	890,000	703,940
Bausch Health Companies, Inc.		
6.125%, 02/01/2027 (A)	460,000	317,400
6.250%, 02/15/2029 (A)	2,081,000	914,088
Cano Health LLC		
6.250%, 10/01/2028 (A)	570,000	370,500
Community Health Systems, Inc.		
5.250%, 05/15/2030 (A)	420,000	336,050
6.125%, 04/01/2030 (A)	70,000	47,936
6.875%, 04/15/2029 (A)	1,240,000	867,260
Legacy LifePoint Health LLC		
6.750%, 04/15/2025 (A)	510,000	487,427
Medline Borrower LP		
3.875%, 04/01/2029 (A)	280,000	233,373
5.250%, 10/01/2029 (A)(B)	740,000	607,307
Par Pharmaceutical, Inc.		
7.500%, 04/01/2027 (A)(C)	1,870,000	1,407,493
Teva Pharmaceutical Finance Company LLC		
6.150%, 02/01/2036	760,000	685,900
Teva Pharmaceutical Finance Netherlands III BV		
5.125%, 05/09/2029 (B)	500,000	442,580
U.S. Renal Care, Inc.		
10.625%, 07/15/2027 (A)	1,230,000	391,168
		9,719,517
Industrials – 14.3%		
Advanced Drainage Systems, Inc.		
6.375%, 06/15/2030 (A)	430,000	410,666
Allied Universal Holdco LLC		
6.625%, 07/15/2026 (A)	770,000	731,315
Alta Equipment Group, Inc.		
5.625%, 04/15/2026 (A)	800,000	748,451
American Airlines, Inc.		
5.750%, 04/20/2029 (A)	1,670,000	1,588,362
7.250%, 02/15/2028 (A)	490,000	478,534
11.750%, 07/15/2025 (A)	270,000	296,131
Anagram International, Inc.		
10.000%, (0.000% Cash and 10.000% PIK), 08/15/2026 (A)	96,061	76,609

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
ATS Corp.		
4.125%, 12/15/2028 (A)	\$ 460,000	\$ 401,595
Bombardier, Inc.		
7.500%, 02/01/2029 (A)	620,000	607,626
7.875%, 04/15/2027 (A)	940,000	934,181
Brundage-Bone Concrete Pumping Holdings, Inc.		
6.000%, 02/01/2026 (A)	680,000	632,166
Clean Harbors, Inc.		
6.375%, 02/01/2031 (A)	360,000	357,438
CoreCivic, Inc.		
8.250%, 04/15/2026	1,000,000	1,012,370
Covanta Holding Corp.		
4.875%, 12/01/2029 (A)	570,000	481,454
Doman Building Materials Group, Ltd.		
5.250%, 05/15/2026 (A)	CAD 340,000	225,504
GEO Group, Inc.		
10.500%, 06/30/2028	\$ 360,000	366,300
H&E Equipment Services, Inc.		
3.875%, 12/15/2028 (A)	600,000	515,988
Hawaiian Brand Intellectual Property, Ltd.		
5.750%, 01/20/2026 (A)	600,000	557,949
Legends Hospitality Holding Company LLC		
5.000%, 02/01/2026 (A)	1,000,000	910,000
Madison IAQ LLC		
4.125%, 06/30/2028 (A)	140,000	119,434
5.875%, 06/30/2029 (A)	850,000	676,709
Mileage Plus Holdings LLC		
6.500%, 06/20/2027 (A)	495,032	495,032
MIWD Holdco II LLC		
5.500%, 02/01/2030 (A)	1,230,000	998,623
Park-Ohio Industries, Inc.		
6.625%, 04/15/2027	360,000	273,567
PGT Innovations, Inc.		
4.375%, 10/01/2029 (A)	470,000	394,583
PM General Purchaser LLC		
9.500%, 10/01/2028 (A)	710,000	648,471
Prime Security Services Borrower LLC		
6.250%, 01/15/2028 (A)	1,000,000	927,600
Resideo Funding, Inc.		
4.000%, 09/01/2029 (A)	700,000	573,587
Roller Bearing Company of America, Inc.		
4.375%, 10/15/2029 (A)	980,000	847,063
Smyrna Ready Mix Concrete LLC		
6.000%, 11/01/2028 (A)	1,000,000	887,600
Spirit Loyalty Cayman, Ltd.		
8.000%, 09/20/2025 (A)	902,000	905,383
The GEO Group, Inc.		
9.500%, 12/31/2028 (A)	1,500,000	1,433,127
Titan International, Inc.		
7.000%, 04/30/2028	520,000	492,700
TransDigm, Inc.		
4.625%, 01/15/2029	680,000	584,462
5.500%, 11/15/2027	40,000	36,832
6.750%, 08/15/2028 (A)	820,000	815,900
United Airlines 2020-1 Class B Pass Through Trust		
4.875%, 01/15/2026	224,285	215,314
United Airlines, Inc.		
4.625%, 04/15/2029 (A)	900,000	797,882
United Rentals North America, Inc.		
3.875%, 02/15/2031	360,000	308,122
5.250%, 01/15/2030	1,000,000	942,500
6.000%, 12/15/2029 (A)	570,000	570,000

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
Vertiv Group Corp.		
4.125%, 11/15/2028 (A)	\$ 920,000	\$ 799,287
VistaJet Malta Finance PLC		
6.375%, 02/01/2030 (A)(B)	880,000	770,233
XPO CNW, Inc.		
6.700%, 05/01/2034	740,000	672,112
XPO Escrow Sub LLC		
7.500%, 11/15/2027 (A)	200,000	202,912
		27,721,674
Information technology – 3.6%		
CA Magnum Holdings		
5.375%, 10/31/2026 (A)	430,000	396,008
Central Parent, Inc.		
7.250%, 06/15/2029 (A)(B)	500,000	488,910
Clarivate Science Holdings Corp.		
4.875%, 07/01/2029 (A)	320,000	276,480
CommScope, Inc.		
4.750%, 09/01/2029 (A)	1,400,000	1,141,000
8.250%, 03/01/2027 (A)	910,000	773,500
Elastic NV		
4.125%, 07/15/2029 (A)	750,000	615,520
Gen Digital, Inc.		
7.125%, 09/30/2030 (A)	410,000	399,750
Helios Software Holdings, Inc.		
4.625%, 05/01/2028 (A)	400,000	324,516
Open Text Corp.		
6.900%, 12/01/2027 (A)	430,000	434,300
Paysafe Finance PLC		
4.000%, 06/15/2029 (A)	900,000	716,170
Rackspace Technology Global, Inc.		
3.500%, 02/15/2028 (A)	900,000	547,875
Vericast Corp.		
11.000%, 09/15/2026 (A)	860,000	922,350
		7,036,379
Materials – 4.5%		
ARD Finance SA		
6.500%, (6.500% Cash or 7.250% PIK), 06/30/2027 (A)	1,220,000	997,570
Ardagh Metal Packaging Finance USA LLC		
4.000%, 09/01/2029 (A)(B)	1,000,000	801,250
Canpack SA		
3.875%, 11/15/2029 (A)	750,000	596,171
Cascades, Inc.		
5.375%, 01/15/2028 (A)	400,000	362,000
First Quantum Minerals, Ltd.		
6.875%, 03/01/2026 to 10/15/2027 (A)	2,470,000	2,324,493
Freeport-McMoRan, Inc.		
5.450%, 03/15/2043	1,320,000	1,191,741
Hudbay Minerals, Inc.		
6.125%, 04/01/2029 (A)	770,000	679,725
LSF11 A5 HoldCo LLC		
6.625%, 10/15/2029 (A)	700,000	591,526
Midwest Vanadium Proprietary, Ltd.		
11.500%, 02/15/2018 (A)(C)	1,951,648	4,430
Northwest Acquisitions ULC		
7.125%, 11/01/2022 (A)(C)	1,140,000	11
Olin Corp.		
5.000%, 02/01/2030 (B)	360,000	327,584
Pactiv LLC		
8.375%, 04/15/2027	30,000	30,034
Summit Materials LLC		
5.250%, 01/15/2029 (A)	870,000	800,400
		8,706,935

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate – 2.6%		
Diversified Healthcare Trust		
4.375%, 03/01/2031	\$ 500,000	\$ 346,583
4.750%, 02/15/2028	800,000	520,432
9.750%, 06/15/2025	340,000	329,457
Five Point Operating Company LP		
7.875%, 11/15/2025 (A)	640,000	577,745
Forestar Group, Inc.		
3.850%, 05/15/2026 (A)	580,000	507,574
5.000%, 03/01/2028 (A)	420,000	362,161
IIP Operating Partnership LP		
5.500%, 05/25/2026	1,160,000	1,005,071
Iron Mountain Information Management Services, Inc.		
5.000%, 07/15/2032 (A)	470,000	387,628
MPT Operating Partnership LP		
3.500%, 03/15/2031	300,000	205,638
4.625%, 08/01/2029	250,000	186,875
Service Properties Trust		
5.500%, 12/15/2027	640,000	576,776
		5,005,940
Utilities – 0.9%		
Suburban Propane Partners LP		
5.000%, 06/01/2031 (A)	460,000	382,771
Sunnova Energy Corp.		
5.875%, 09/01/2026 (A)	1,100,000	958,540
TransAlta Corp.		
7.750%, 11/15/2029	380,000	388,438
		1,729,749
TOTAL CORPORATE BONDS (Cost \$187,358,594)		\$ 159,185,792
CONVERTIBLE BONDS – 0.7%		
Communication services – 0.2%		
DISH Network Corp.		
3.375%, 08/15/2026	700,000	447,356
Consumer discretionary – 0.2%		
DraftKings Holdings, Inc.		
7.430%, 03/15/2028 (F)	530,000	367,290
Industrials – 0.2%		
Spirit Airlines, Inc.		
1.000%, 05/15/2026	440,000	359,260
Utilities – 0.1%		
NextEra Energy Partners LP		
2.500%, 06/15/2026 (A)	220,000	199,430
TOTAL CONVERTIBLE BONDS (Cost \$1,746,947)		\$ 1,373,336
TERM LOANS (G) – 5.8%		
Consumer discretionary – 1.5%		
Adtalem Global Education, Inc., 2021 Term Loan B (1 month LIBOR + 4.000%) 8.635%, 08/12/2028	300,953	300,147
Equinox Holdings, Inc., 2020 Term Loan B2 (3 month LIBOR + 9.000%) 13.730%, 03/08/2024	409,500	345,004
First Brands Group LLC, 2021 Term Loan (3 month SOFR + 5.000%) 10.252%, 03/30/2027	363,525	351,823
Great Outdoors Group LLC, 2021 Term Loan B1 (1 month LIBOR + 3.750%) 8.385%, 03/06/2028	352,834	347,210
Spencer Spirit IH LLC, Term Loan B (1 month LIBOR + 6.000%) 10.617%, 06/19/2026	710,099	699,298

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
Consumer discretionary (continued)		
Truck Hero, Inc., 2021 Term Loan B (1 month LIBOR + 3.750%) 8.385%, 01/31/2028	\$ 353,700	\$ 319,437
Upbound Group, Inc., 2021 First Lien Term Loan B (3 month LIBOR + 3.250%) 8.125%, 02/17/2028	618,975	603,891
		2,966,810
Financials – 1.0%		
Acrisure LLC, 2020 Term Loan B (1 month LIBOR + 3.500%) 8.104%, 02/15/2027	525,150	500,956
Asurion LLC, 2021 Term Loan B9 (1 month LIBOR + 3.250%) 7.885%, 07/31/2027	786,000	731,797
Asurion LLC, 2022 Term Loan B10 (3 month SOFR + 4.000%) 8.680%, 08/19/2028	468,825	438,684
Deerfield Dakota Holding LLC, 2021 USD 2nd Lien Term Loan (1 month LIBOR + 6.750%) 11.385%, 04/07/2028	250,000	233,283
		1,904,720
Health care – 0.7%		
Eyecare Partners LLC, 2020 Term Loan (3 month LIBOR + 3.750%) 8.480%, 02/18/2027	564,944	470,140
Eyecare Partners LLC, 2022 Incremental Term Loan (3 month SOFR + 4.500%) 9.180%, 11/15/2028	440,000	362,265
U.S. Renal Care, Inc., 2019 Term Loan B (1 month LIBOR + 5.000%) 9.688%, 06/26/2026	801,828	531,780
		1,364,185
Industrials – 0.6%		
Allied Universal Holdco LLC, 2021 USD Incremental Term Loan B (1 month SOFR + 3.750%) 8.468%, 05/12/2028	790,000	760,162
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 9.996%, 06/21/2027	432,000	449,388
		1,209,550
Information technology – 1.7%		
Dcert Buyer, Inc., 2019 Term Loan B (3 month SOFR + 4.000%) 8.696%, 10/16/2026	687,626	676,624
Dcert Buyer, Inc., 2021 2nd Lien Term Loan (3 month LIBOR + 7.000%) 11.696%, 02/19/2029	880,000	815,100
Global Tel*Link Corp., 2018 1st Lien Term Loan (3 month LIBOR + 4.250%) 9.076%, 11/29/2025	551,077	488,651
Neptune Bidco US, Inc., 2022 USD Term Loan B 04/11/2029 TBD (H)	240,000	220,200
Peraton Corp., Term Loan B (1 month LIBOR + 3.750%) 8.385%, 02/01/2028	434,076	429,396
Redstone Holdco 2 LP, 2021 Term Loan (3 month LIBOR + 4.750%) 9.568%, 04/27/2028	493,750	401,942
Redstone Holdco 2 LP, 2021 2nd Lien Term Loan (3 month LIBOR + 7.750%) 12.565%, 04/27/2029	510,000	292,398
		3,324,311

High Yield Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
Materials – 0.3%		
Arctic Canadian Diamond Company, Ltd., 2nd Lien PIK Term Loan (3 month LIBOR + 4.000% or 12.500% PIK) 5.000%, 12/31/2027 (I)	\$ 558,058	\$ 463,077
TOTAL TERM LOANS (Cost \$12,394,692)		\$ 11,232,653
ASSET BACKED SECURITIES – 7.4%		
AIG CLO, Ltd.		
Series 2018-1A, Class DR (3 month LIBOR + 3.100%) 7.908%, 04/20/2032 (A)(D)	320,000	296,199
Aimco CLO, Ltd.		
Series 2020-12A, Class DR (3 month CME Term SOFR + 2.900%) 7.558%, 01/17/2032 (A)(D)	440,000	417,006
AMMC CLO, Ltd.		
Series 2017-20A, Class E (3 month LIBOR + 5.810%) 10.602%, 04/17/2029 (A)(D)	700,000	642,331
Ares CLO, Ltd.		
Series 2017-44A, Class CR (3 month LIBOR + 3.400%) 8.192%, 04/15/2034 (A)(D)	410,000	389,166
Ballyrock CLO, Ltd.		
Series 2022-19A, Class D (3 month CME Term SOFR + 7.110%) 11.749%, 04/20/2035 (A)(D)	900,000	815,427
Barings CLO, Ltd.		
Series 2018-3A, Class D (3 month LIBOR + 2.900%) 7.708%, 07/20/2029 (A)(D)	250,000	235,968
Series 2020-4A, Class E (3 month LIBOR + 5.680%) 10.488%, 01/20/2032 (A)(D)	350,000	304,174
Battalion CLO, Ltd.		
Series 2021-20A, Class D (3 month LIBOR + 3.100%) 7.892%, 07/15/2034 (A)(D)	250,000	225,245
BlueMountain CLO XXXI, Ltd.		
Series 2021-31A, Class E (3 month LIBOR + 6.530%) 11.328%, 04/19/2034 (A)(D)	170,000	148,598
BlueMountain CLO, Ltd.		
Series 2016-2A, Class DR (3 month LIBOR + 7.790%) 12.705%, 08/20/2032 (A)(D)	375,000	333,261
Bristol Park CLO, Ltd.		
Series 2016-1A, Class ER (3 month LIBOR + 7.000%) 11.792%, 04/15/2029 (A)(D)	400,000	352,057
Cathedral Lake VI, Ltd.		
Series 2021-6A, Class E (3 month LIBOR + 7.210%) 12.028%, 04/25/2034 (A)(D)	125,000	109,125
Cook Park CLO, Ltd.		
Series 2018-1A, Class E (3 month LIBOR + 5.400%) 10.192%, 04/17/2030 (A)(D)	750,000	612,314
Dryden CLO, Ltd.		
Series 2018-70A, Class E (3 month LIBOR + 6.050%) 10.880%, 01/16/2032 (A)(D)	750,000	654,335
Dryden Senior Loan Fund		
Series 2015-40A, Class DR (3 month LIBOR + 3.100%) 7.964%, 08/15/2031 (A)(D)	250,000	234,391

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Greenwood Park CLO, Ltd.		
Series 2018-1A, Class D (3 month LIBOR + 2.500%)	\$ 530,000	\$ 483,333
Series 2018-1A, Class E (3 month LIBOR + 4.950%)		
9.742%, 04/15/2031 (A)(D)	750,000	625,094
Greywolf CLO IV, Ltd.		
Series 2019-1A, Class CR (3 month CME Term SOFR + 3.910%)		
8.542%, 04/17/2034 (A)(D)	390,000	361,730
Grippen Park CLO, Ltd.		
Series 2017-1A, Class E (3 month LIBOR + 5.700%)		
10.508%, 01/20/2030 (A)(D)	440,000	380,764
Halsey Point CLO I, Ltd.		
Series 2019-1A, Class E (3 month LIBOR + 7.700%)		
11.943%, 01/20/2033 (A)(D)	600,000	552,752
Jay Park CLO, Ltd.		
Series 2016-1A, Class DR (3 month LIBOR + 5.200%)		
9.443%, 10/20/2027 (A)(D)	450,000	409,002
Madison Park Funding XIII, Ltd.		
Series 2014-13A, Class DR2 (3 month LIBOR + 2.850%)		
7.077%, 04/19/2030 (A)(D)	1,000,000	952,728
Magnetite XXIV, Ltd.		
Series 2019-24A, Class ER (3 month CME Term SOFR + 6.400%)		
11.058%, 04/15/2035 (A)(D)	250,000	223,409
Mountain View CLO IX, Ltd.		
Series 2015-9A, Class CR (3 month LIBOR + 3.120%)		
7.912%, 07/15/2031 (A)(D)	670,000	568,632
Neuberger Berman Loan Advisers CLO, Ltd.		
Series 2017-25A, Class DR (3 month LIBOR + 2.850%)		
7.645%, 10/18/2029 (A)(D)	250,000	232,620
OZLM XI, Ltd.		
Series 2015-11A, Class CR (3 month LIBOR + 3.600%)		
8.402%, 10/30/2030 (A)(D)	1,000,000	917,590
Palmer Square Loan Funding, Ltd.		
Series 2022-3A, Class C (3 month CME Term SOFR + 5.400%)		
9.405%, 04/15/2031 (A)(D)	470,000	466,387
Rockland Park CLO, Ltd.		
Series 2021-1A, Class E (3 month LIBOR + 6.250%)		
11.058%, 04/20/2034 (A)(D)	200,000	178,140
Sculptor CLO XXVI, Ltd.		
Series 2026-A, Class E (3 month LIBOR + 7.250%)		
12.058%, 07/20/2034 (A)(D)	390,000	340,707
Shackleton CLO, Ltd.		
Series 2013-3A, Class DR (3 month LIBOR + 3.020%)		
7.812%, 07/15/2030 (A)(D)	500,000	426,260
Symphony CLO XXII, Ltd.		
Series 2020-22A, Class D (3 month LIBOR + 3.150%)		
7.945%, 04/18/2033 (A)(D)	500,000	470,947

High Yield Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
TCI-Symphony CLO, Ltd.		
Series 2016-1A, Class DR2 (3 month LIBOR + 3.100%)	\$ 600,000	\$ 546,018
7.915%, 10/13/2032 (A)(D)		
Voya CLO, Ltd.		
Series 2017-1A, Class C (3 month LIBOR + 3.330%)		
8.122%, 04/17/2030 (A)(D)	500,000	457,039
TOTAL ASSET BACKED SECURITIES (Cost \$15,644,307)		\$ 14,362,749
COMMON STOCKS – 0.6%		
Communication services – 0.0%		
New Cotai, Inc., Class B (I)(J)(K)	11	0
Energy – 0.6%		
Berry Corp.	75,327	710,327
Chord Energy Corp.	3,199	430,649
KCAD Holdings I, Ltd. (I)(J)(K)	752,218,031	752
MWO Holdings LLC (I)(J)(K)	1,134	7,053
Permian Production (I)(K)	35,417	21,250
		1,170,031
TOTAL COMMON STOCKS (Cost \$8,212,129)		\$ 1,170,031
PREFERRED SECURITIES – 0.3%		
Energy – 0.3%		
MPLX LP, 8.461% (I)	17,615	576,891
TOTAL PREFERRED SECURITIES (Cost \$572,488)		\$ 576,891
ESCROW CERTIFICATES – 0.0%		
Magellan Health, Inc. (I)(K)	\$ 4,380,000	0
TOTAL ESCROW CERTIFICATES (Cost \$0)		\$ 0
SHORT-TERM INVESTMENTS – 3.0%		
Short-term funds – 3.0%		
John Hancock Collateral Trust, 4.5832% (L)(M)	549,412	5,491,650
State Street Institutional Treasury Plus Money Market Fund, Premier Class, 4.4536% (L)	344,961	344,961
TOTAL SHORT-TERM INVESTMENTS (Cost \$5,836,898)		\$ 5,836,611
Total Investments (High Yield Fund) (Cost \$232,999,440) – 100.6%		\$ 194,492,987
Other assets and liabilities, net – (0.6%)		(1,117,837)
TOTAL NET ASSETS – 100.0%		\$ 193,375,150

Currency Abbreviations

CAD	Canadian Dollar
GBP	Pound Sterling

Security Abbreviations and Legend

CME	Chicago Mercantile Exchange
CMT	Constant Maturity Treasury
LIBOR	London Interbank Offered Rate
PIK	Pay-in-Kind Security - Represents a payment-in-kind which may pay interest in additional par and/or cash. Rates shown are the current rate and most recent payment rate.
SOFR	Secured Overnight Financing Rate
SONIA	Sterling Overnight Interbank Average Rate
(A)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$143,495,484 or 74.2% of the fund's net assets as of 2-28-23.
(B)	All or a portion of this security is on loan as of 2-28-23.
(C)	Non-income producing - Issuer is in default.

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

- (D) Variable rate obligation. The coupon rate shown represents the rate at period end.
- (E) Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
- (F) Zero coupon bonds are issued at a discount from their principal amount in lieu of paying interest periodically. Rate shown is the effective yield at period end.
- (G) Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
- (H) This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).

High Yield Fund (continued)

- (I) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.
- (J) Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to financial statements.
- (K) Non-income producing security.
- (L) The rate shown is the annualized seven-day yield as of 2-28-23.
- (M) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis^	Notional value^	Unrealized appreciation (depreciation)
5-Year U.S. Treasury Note Futures	117	Long	Jun 2023	\$12,572,576	\$12,525,398	\$(47,178)
						\$(47,178)

^ 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 717,806	MSCS	4/18/2023	—	\$(10,319)
MXN 1,466,420	USD 75,521	MSCS	4/18/2023	\$3,915	—
USD 150,178	CAD 200,571	JPM	4/18/2023	3,117	—
USD 274,939	EUR 254,004	BNP	4/18/2023	5,534	—
				\$12,566	\$(10,319)

SWAPS

Credit default swaps - Buyer

Counterparty (OTC)/ Centrally cleared	Reference obligation	Notional amount	Currency	USD notional amount	Pay fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Centrally cleared	NOVA Chemicals Corp.	441,000	USD	\$441,000	5.000%	Quarterly	Jun 2027	\$(9,500)	\$(17,440)	\$(26,940)
Centrally cleared	The Goodyear Tire & Rubber Company	590,000	USD	590,000	5.000%	Quarterly	Jun 2027	(9,200)	(20,991)	(30,191)
Centrally cleared	Xerox Holdings Corp.	237,000	USD	237,000	1.000%	Quarterly	Jun 2027	28,924	(7,869)	21,055
Centrally cleared	Beazer Homes USA, Inc.	590,000	USD	590,000	5.000%	Quarterly	Dec 2027	67,659	(61,863)	5,796
Centrally cleared	KB Home	830,000	USD	830,000	5.000%	Quarterly	Dec 2027	(7,920)	(70,620)	(78,540)
				\$2,688,000				\$69,963	\$(178,783)	\$(108,820)

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	Occidental Petroleum Corp.	1.039%	810,000	USD	\$810,000	1.000%	Quarterly	Jun 2026	\$(24,629)	\$25,269	\$640
Centrally cleared	Ford Motor Credit Company LLC	3.944%	1,000,000	USD	1,000,000	5.000%	Quarterly	Dec 2026	117,672	(77,581)	40,091
					\$1,810,000				\$93,043	\$(52,312)	\$40,731

Derivatives Currency Abbreviations

CAD	Canadian Dollar
EUR	Euro
GBP	Pound Sterling
MXN	Mexican Peso

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

USD U.S. Dollar

Derivatives Abbreviations

BNP BNP Paribas
JPM JPMorgan Chase Bank, N.A.
MSCS Morgan Stanley Capital Services LLC
OTC Over-the-counter

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

International Strategic Equity Allocation Fund

	Shares or Principal Amount	Value
COMMON STOCKS - 92.5%		
Australia - 5.5%		
Ampol, Ltd.	47,013	\$ 1,036,490
ANZ Group Holdings, Ltd.	593,552	9,818,262
APA Group	233,462	1,682,044
Aristocrat Leisure, Ltd.	120,053	2,941,820
ASX, Ltd.	38,951	1,779,145
Aurizon Holdings, Ltd.	368,590	819,063
BHP Group, Ltd.	1,007,560	30,493,972
BlueScope Steel, Ltd.	98,498	1,260,256
Brambles, Ltd.	285,265	2,464,897
Cochlear, Ltd.	13,061	1,947,724
Coles Group, Ltd.	264,731	3,233,332
Commonwealth Bank of Australia	339,979	22,968,664
Computershare, Ltd.	108,246	1,800,474
CSL, Ltd.	95,927	19,086,395
Dexus	216,087	1,221,017
Domino's Pizza Enterprises, Ltd.	11,943	399,985
Endeavour Group, Ltd.	266,400	1,222,363
Evolution Mining, Ltd.	359,977	659,001
Fortescue Metals Group, Ltd.	336,599	4,823,454
Goodman Group	335,635	4,464,988
IDP Education, Ltd.	41,506	798,213
Insurance Australia Group, Ltd.	500,555	1,562,315
Lendlease Corp., Ltd.	136,109	697,019
Macquarie Group, Ltd.	73,021	9,272,422
Medibank Private, Ltd.	554,285	1,242,416
Mineral Resources, Ltd.	33,692	1,860,769
Mirvac Group	789,615	1,202,255
MMG, Ltd. (A)	528,000	148,923
National Australia Bank, Ltd.	644,397	12,970,649
Newcrest Mining, Ltd.	176,255	2,698,252
Northern Star Resources, Ltd.	229,519	1,601,894
Orica, Ltd.	81,687	887,497
Origin Energy, Ltd.	348,013	1,866,897
Qantas Airways, Ltd. (A)	185,242	796,730
QBE Insurance Group, Ltd.	301,984	3,054,953
Ramsay Health Care, Ltd.	36,442	1,652,172
REA Group, Ltd.	10,455	860,916
Reece, Ltd.	44,643	494,353
Rio Tinto, Ltd.	74,180	5,797,495
Santos, Ltd.	634,822	2,964,255
Scentre Group	1,037,175	2,071,511
SEEK, Ltd.	66,710	1,080,885
Sonic Healthcare, Ltd.	90,641	1,960,855
South32, Ltd.	926,499	2,691,883
Stockland	476,426	1,227,253
Suncorp Group, Ltd.	256,860	2,215,687
Telstra Corp., Ltd.	819,888	2,290,766
The GPT Group	385,498	1,216,907
The Lottery Corp., Ltd. (A)	443,449	1,544,605
Transurban Group	610,063	5,805,209
Treasury Wine Estates, Ltd.	143,896	1,353,424
Vicinity, Ltd.	773,049	1,057,682

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
Washington H. Soul Pattinson & Company, Ltd.	42,247	\$ 826,410
Wesfarmers, Ltd.	225,626	7,303,977
Westpac Banking Corp.	696,041	10,525,174
WiseTech Global, Ltd.	29,184	1,233,285
Woodside Energy Group, Ltd.	374,721	9,079,518
Woolworths Group, Ltd.	240,666	5,968,852
		226,007,624
Austria - 0.2%		
Erste Group Bank AG	74,634	2,929,604
OMV AG	31,522	1,535,354
Verbund AG	14,594	1,262,122
voestalpine AG	25,206	930,984
		6,658,064
Belgium - 0.3%		
Ageas SA/NV	15,337	692,143
Anheuser-Busch InBev SA/NV	73,195	4,439,897
D'iereen Group	2,108	408,556
Elia Group SA/NV	2,577	339,463
Groupe Bruxelles Lambert NV	8,524	715,554
KBC Group NV	20,281	1,514,493
Proximus SADP	12,216	112,495
Sofina SA	1,345	335,071
Solvay SA	6,339	724,089
UCB SA	10,721	921,664
Umicore SA	17,303	576,684
Warehouses De Pauw CVA	12,301	375,402
		11,155,511
Brazil - 1.1%		
Ambev SA	868,900	2,222,268
Americanas SA (A)	118,910	22,712
Atacadao SA	90,900	233,524
B3 SA - Brasil Bolsa Balcao	1,131,860	2,280,821
Banco Bradesco SA	269,838	599,932
Banco BTG Pactual SA	219,200	845,742
Banco do Brasil SA	158,800	1,222,367
Banco Santander Brasil SA	66,700	360,926
BB Seguridade Participacoes SA	131,900	861,874
BRF SA (A)	110,000	129,425
CCR SA	219,700	461,183
Centrais Eletricas Brasileiras SA	188,100	1,233,054
Cia de Saneamento Basico do Estado de Sao Paulo	62,500	617,784
Cia Siderurgica Nacional SA	126,000	401,192
Cosan SA	220,800	631,767
CPFL Energia SA	41,600	240,679
Energisa SA	34,900	257,911
Engie Brasil Energia SA	34,025	255,279
Equatorial Energia SA	184,500	896,167

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Brazil (continued)		
Hapvida Participacoes e Investimentos SA (A)(B)	850,509	\$ 729,409
Hypera SA	76,400	607,791
JBS SA	153,100	561,172
Klabin SA	136,500	507,366
Localiza Rent a Car SA	135,045	1,431,328
Lojas Renner SA	181,642	647,055
Magazine Luiza SA (A)	561,400	384,958
Natura & Company Holding SA	164,600	481,653
Petro Rio SA (A)	126,000	811,048
Petroleo Brasileiro SA	675,900	3,711,644
Raia Drogasil SA	195,600	847,340
Rede D'Or Sao Luiz SA (B)	73,400	358,206
Rumo SA	236,200	810,275
Suzano SA	136,427	1,244,024
Telefonica Brasil SA	92,400	687,249
TIM SA	157,900	369,759
TOTVS SA	96,000	500,404
Ultrapar Participacoes SA	132,000	332,304
Vale SA	732,738	11,941,133
Vibra Energia SA	213,500	603,132
WEG SA	307,140	2,297,339
		43,639,196
Canada - 9.4%		
Agnico Eagle Mines, Ltd.	100,025	4,605,035
Air Canada (A)	42,067	620,292
Algonquin Power & Utilities Corp.	154,296	1,178,281
Alimentation Couche-Tard, Inc.	185,507	8,702,311
AltaGas, Ltd.	62,527	1,073,201
ARC Resources, Ltd.	150,816	1,642,452
Atco, Ltd., Class I	1,218	37,767
Bank of Montreal	142,830	13,536,662
Barrick Gold Corp. (C)	389,700	6,297,461
BCE, Inc.	19,594	866,903
BlackBerry, Ltd. (A)	120,294	467,247
Brookfield Asset Management, Ltd., Class A	77,771	2,616,685
Brookfield Corp. (A)	310,104	10,317,861
Brookfield Reinsurance, Ltd. (A)	986	33,009
BRP, Inc.	8,606	745,685
CAE, Inc. (A)	70,609	1,592,260
Cameco Corp.	87,244	2,384,904
Canadian Apartment Properties REIT	21,144	765,802
Canadian Imperial Bank of Commerce	199,104	9,105,232
Canadian National Railway Company	130,050	14,812,071
Canadian Natural Resources, Ltd.	257,372	14,544,489
Canadian Pacific Railway, Ltd.	203,299	15,439,997
Canadian Tire Corp., Ltd., Class A	12,891	1,606,911
Canadian Utilities, Ltd., Class A	30,486	799,629
CCL Industries, Inc., Class B	34,464	1,657,657
Cenovus Energy, Inc.	305,637	5,635,637
CGI, Inc. (A)	48,596	4,357,079
CI Financial Corp.	3,338	36,621
Constellation Software, Inc.	4,465	7,677,248
Dollarama, Inc.	62,420	3,605,676
Emera, Inc.	59,077	2,340,133
Empire Company, Ltd., Class A	37,814	1,002,923
Enbridge, Inc.	445,035	16,695,743
Fairfax Financial Holdings, Ltd.	5,621	3,929,839
First Capital Real Estate Investment Trust	2,383	31,156
First Quantum Minerals, Ltd.	129,866	2,837,160
FirstService Corp.	8,896	1,219,557
Fortis, Inc.	105,533	4,176,462

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
Franco-Nevada Corp.	41,900	\$ 5,348,276
George Weston, Ltd.	16,480	2,064,680
GFL Environmental, Inc.	40,022	1,216,645
Gildan Activewear, Inc.	44,147	1,402,868
Great-West Lifeco, Inc.	71,750	1,957,679
Hydro One, Ltd. (B)	75,119	1,949,405
iA Financial Corp., Inc.	26,591	1,785,076
IGM Financial, Inc.	24,072	732,480
Imperial Oil, Ltd.	51,914	2,567,736
Intact Financial Corp.	39,272	5,641,411
Ivanhoe Mines, Ltd., Class A (A)	133,986	1,119,414
Keyera Corp. (C)	49,585	1,094,177
Kinross Gold Corp.	278,878	1,030,081
Lightspeed Commerce, Inc. (A)	29,752	454,838
Loblaw Companies, Ltd.	37,096	3,170,220
Lumine Group, Inc. (A)(D)	13,397	137,138
Lundin Mining Corp.	149,661	931,200
Magna International, Inc.	63,273	3,526,502
Metro, Inc.	53,963	2,802,754
National Bank of Canada	75,297	5,530,425
Northland Power, Inc. (C)	50,815	1,234,531
Nutrien, Ltd.	120,579	9,395,353
Nuvei Corp. (A)(B)	14,964	458,187
Onex Corp.	18,660	997,753
Open Text Corp.	61,530	2,118,039
Pan American Silver Corp.	47,009	700,742
Parkland Corp.	34,725	759,395
Pembina Pipeline Corp.	121,545	3,990,631
Power Corp. of Canada	130,682	3,488,046
Quebecor, Inc., Class B	37,040	876,256
Restaurant Brands International, Inc.	65,501	4,226,723
RioCan Real Estate Investment Trust	39,811	630,499
Ritchie Brothers Auctioneers, Inc.	24,348	1,489,609
Rogers Communications, Inc., Class B	79,409	3,793,242
Royal Bank of Canada	310,756	31,551,584
Saputo, Inc.	55,915	1,497,350
Shaw Communications, Inc., Class B	105,728	3,062,974
Shopify, Inc., Class A (A)	248,823	10,244,688
SmartCentres Real Estate Investment Trust	2,277	46,191
Sun Life Financial, Inc. (C)	135,190	6,533,110
Suncor Energy, Inc.	313,509	10,536,843
TC Energy Corp.	215,250	8,567,407
Teck Resources, Ltd., Class B	104,408	4,167,903
TELUS Corp.	105,013	2,087,946
TFI International, Inc.	18,367	2,241,326
The Bank of Nova Scotia	267,013	13,197,037
The Toronto-Dominion Bank	398,589	26,538,520
Thomson Reuters Corp.	37,922	4,592,884
TMX Group, Ltd.	12,911	1,287,504
Toromont Industries, Ltd.	18,592	1,533,414
Tourmaline Oil Corp.	68,626	3,007,574
West Fraser Timber Company, Ltd.	13,643	1,024,850
Wheaton Precious Metals Corp.	99,298	4,137,113
WSP Global, Inc.	25,982	3,263,888
		386,737,155
Chile - 0.2%		
Antofagasta PLC	93,147	1,757,103
Banco de Chile	8,485,973	882,027
Banco de Credito e Inversiones SA	11,046	345,638
Banco Santander Chile	11,846,346	502,218
Cencosud SA	266,273	503,309
Cia Cervecerias Unidas SA	23,818	181,776
Cia Sud Americana de Vapores SA	2,903,881	279,784

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Chile (continued)		
Empresas CMPC SA	213,664	\$ 354,952
Empresas COPEC SA	72,699	525,023
Enel Americas SA	3,983,127	495,929
Enel Chile SA	5,198,144	234,011
Falabella SA	142,746	314,130
		6,375,900
China - 8.4%		
360 DigiTech, Inc., ADR	16,300	331,868
360 Security Technology, Inc., Class A	69,700	108,314
37 Interactive Entertainment Network Technology Group Company, Ltd., Class A	24,500	77,412
3SBio, Inc. (B)	273,400	271,115
AAC Technologies Holdings, Inc. (A)	131,700	294,342
Advanced Micro-Fabrication Equipment, Inc., Class A (A)	6,619	100,423
AECC Aero-Engine Control Company, Ltd., Class A	14,500	52,852
AECC Aviation Power Company, Ltd., Class A	29,600	195,668
Agricultural Bank of China, Ltd., Class A	973,700	411,085
Agricultural Bank of China, Ltd., H Shares	5,456,600	1,891,789
Aier Eye Hospital Group Company, Ltd., Class A	76,863	345,596
Air China, Ltd., Class A (A)	75,000	120,056
Air China, Ltd., H Shares (A)	314,266	289,764
Airtac International Group	15,000	523,617
Alibaba Group Holding, Ltd. (A)	2,784,300	30,603,455
A-Living Smart City Services Company, Ltd. (B)	116,750	119,692
Aluminum Corp. of China, Ltd., A Shares	133,000	105,985
Aluminum Corp. of China, Ltd., H Shares	729,480	372,497
Amlogic Shanghai Company, Ltd., Class A (A)	4,190	48,057
Angel Yeast Company, Ltd., Class A	9,000	52,447
Anhui Conch Cement Company, Ltd., Class A	46,100	203,853
Anhui Conch Cement Company, Ltd., H Shares	227,210	834,159
Anhui Gujing Distillery Company, Ltd., B Shares	18,200	312,859
Anhui Gujing Distillery Company, Ltd., Class A	4,700	185,149
Anhui Honglu Steel Construction Group Company, Ltd., Class A	5,640	28,680
Anhui Kouzi Distillery Company, Ltd., Class A	6,700	66,554
Anhui Yingjia Distillery Company, Ltd., Class A	7,200	72,792
Anjoy Foods Group Company, Ltd., Class A	3,200	75,486
ANTA Sports Products, Ltd.	222,100	2,932,882
Apeloa Pharmaceutical Company, Ltd., Class A	12,200	42,149
Asia - Potash International Investment Guangzhou Company, Ltd., Class A (A)	6,700	27,497
Asymchem Laboratories Tianjin Company, Ltd., Class A	3,740	77,051
Autohome, Inc., ADR	13,900	423,950
Avary Holding Shenzhen Company, Ltd., Class A	21,500	88,001
AVIC Electromechanical Systems Company, Ltd., Class A (D)	43,600	67,730

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
AVIC Industry-Finance Holdings Company, Ltd., Class A	107,000	\$ 67,079
AviChina Industry & Technology Company, Ltd., H Shares	463,300	220,895
AVICOPTER PLC, Class A	7,400	48,426
Baidu, Inc., Class A (A)	409,600	7,042,386
Bank of Beijing Company, Ltd., Class A	258,100	161,033
Bank of Changsha Company, Ltd., Class A	51,000	59,155
Bank of Chengdu Company, Ltd., Class A	41,800	86,580
Bank of China, Ltd., Class A	375,500	174,789
Bank of China, Ltd., H Shares	14,691,722	5,388,219
Bank of Communications Company, Ltd., Class A	490,200	346,130
Bank of Communications Company, Ltd., H Shares	1,577,876	932,932
Bank of Hangzhou Company, Ltd., Class A	65,100	113,844
Bank of Jiangsu Company, Ltd., Class A	171,200	177,387
Bank of Nanjing Company, Ltd., Class A	114,500	163,514
Bank of Ningbo Company, Ltd., Class A	72,100	306,432
Bank of Shanghai Company, Ltd., Class A	166,000	143,045
Baoshan Iron & Steel Company, Ltd., Class A	247,800	234,935
BBMG Corp., Class A	76,600	28,814
Beijing Capital International Airport Company, Ltd., H Shares (A)	325,111	237,976
Beijing Dabeinong Technology Group Company, Ltd., Class A (A)	45,800	54,345
Beijing Easpring Material Technology Company, Ltd., Class A	5,500	47,252
Beijing Enlight Media Company, Ltd., Class A	31,200	34,128
Beijing Kingsoft Office Software, Inc., Class A	4,911	205,999
Beijing New Building Materials PLC, Class A	18,600	80,533
Beijing Originwater Technology Company, Ltd., Class A	27,000	19,515
Beijing Roborock Technology Company, Ltd., Class A	945	49,025
Beijing Shiji Information Technology Company, Ltd., Class A	17,200	41,146
Beijing Shunxin Agriculture Company, Ltd., Class A	8,800	42,646
Beijing Sinnet Technology Company, Ltd., Class A	19,200	28,348
Beijing Tiantan Biological Products Corp., Ltd., Class A	16,880	56,787
Beijing United Information Technology Company, Ltd., Class A	4,930	57,384
Beijing Wantai Biological Pharmacy Enterprise Company, Ltd., Class A	6,035	110,334
Beijing Yuanliu Hongyuan Electronic Technology Company, Ltd., Class A	2,100	27,233
Beijing-Shanghai High Speed Railway Company, Ltd., Class A	432,200	308,493
Betta Pharmaceuticals Company, Ltd., Class A	4,300	36,105
BGI Genomics Company, Ltd., Class A	4,300	34,471
Bilibili, Inc., Class Z (A)	33,460	647,628
Bloomage Biotechnology Corp., Ltd., Class A	3,396	62,089
BOC International China Company, Ltd., Class A	33,100	54,138

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
BOE Technology Group Company, Ltd., Class A	416,500	\$ 249,966
BTG Hotels Group Company, Ltd., Class A	13,100	46,383
BYD Company, Ltd., Class A	20,000	749,401
BYD Company, Ltd., H Shares	150,694	4,051,296
BYD Electronic International Company, Ltd.	123,700	360,696
By-health Company, Ltd., Class A	17,900	59,154
Caitong Securities Company, Ltd., Class A	64,000	71,069
CanSino Biologics, Inc., Class A	1,263	23,386
CanSino Biologics, Inc., H Shares (B)	17,000	129,172
CECEP Solar Energy Company, Ltd., Class A	32,400	33,094
CECEP Wind-Power Corp., Class A	50,700	28,918
CETC Cyberspace Security Technology Company, Ltd., Class A	9,400	42,403
CGN Power Company, Ltd., H Shares (B)	1,943,000	435,798
Chacha Food Company, Ltd., Class A	5,600	36,918
Changchun High & New Technology Industry Group, Inc., Class A	4,400	124,924
Changjiang Securities Company, Ltd., Class A	80,900	65,889
Changzhou Xingyu Automotive Lighting Systems Company, Ltd., Class A	3,000	65,224
Chaozhou Three-Circle Group Company, Ltd., Class A	20,800	95,354
Chengtun Mining Group Company, Ltd., Class A	25,700	23,112
Chengxin Lithium Group Company, Ltd., Class A	9,200	50,253
Chifeng Jilong Gold Mining Company, Ltd., Class A (A)	13,700	36,578
China Baoan Group Company, Ltd., Class A	28,000	51,555
China Cinda Asset Management Company, Ltd., H Shares	1,804,300	234,511
China CITIC Bank Corp., Ltd., H Shares	1,651,400	764,034
China Coal Energy Company, Ltd., H Shares	372,000	287,868
China Communications Services Corp., Ltd., H Shares	458,400	178,224
China Conch Venture Holdings, Ltd.	307,200	618,233
China Construction Bank Corp., Class A	147,300	119,733
China Construction Bank Corp., H Shares	17,679,796	10,807,264
China CSSC Holdings, Ltd., Class A	49,500	170,311
China Eastern Airlines Corp., Ltd., Class A (A)	80,500	63,000
China Energy Engineering Corp., Ltd., Class A	360,800	123,738
China Everbright Bank Company, Ltd., Class A	519,900	223,255
China Everbright Bank Company, Ltd., H Shares	588,595	169,499
China Evergrande Group (A)	667,935	938
China Feihe, Ltd. (B)	653,000	523,385
China Galaxy Securities Company, Ltd., Class A	54,500	75,528
China Galaxy Securities Company, Ltd., H Shares	693,600	345,719
China Great Wall Securities Company, Ltd., Class A	37,100	46,427
China Greatwall Technology Group Company, Ltd., Class A	32,500	60,900

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
China Hongqiao Group, Ltd.	418,300	\$ 447,415
China Huishan Dairy Holdings Company, Ltd. (A)(D)	175,000	0
China International Capital Corp., Ltd., Class A	12,800	77,281
China International Capital Corp., Ltd., H Shares (B)	287,800	619,655
China Jushi Company, Ltd., Class A	44,700	97,602
China Lesso Group Holdings, Ltd.	193,000	203,574
China Life Insurance Company, Ltd., Class A	30,400	156,678
China Life Insurance Company, Ltd., H Shares	1,405,276	2,383,787
China Literature, Ltd. (A)(B)	73,200	313,417
China Longyuan Power Group Corp., Ltd., H Shares	611,000	749,505
China Medical System Holdings, Ltd.	247,800	373,051
China Meheco Company, Ltd., Class A	17,860	40,565
China Meidong Auto Holdings, Ltd.	102,000	219,588
China Merchants Bank Company, Ltd., Class A	229,300	1,233,469
China Merchants Bank Company, Ltd., H Shares	714,874	3,879,265
China Merchants Securities Company, Ltd., Class A	89,600	180,515
China Merchants Shekou Industrial Zone Holdings Company, Ltd., Class A	89,000	189,952
China Minsheng Banking Corp., Ltd., Class A	391,700	192,467
China Minsheng Banking Corp., Ltd., H Shares	1,140,720	393,952
China National Building Material Company, Ltd., H Shares	714,600	633,581
China National Chemical Engineering Company, Ltd., Class A	69,900	90,846
China National Nuclear Power Company, Ltd., Class A	198,300	173,218
China Northern Rare Earth Group High-Tech Company, Ltd., Class A	38,900	162,842
China Oilfield Services, Ltd., H Shares	330,000	352,141
China Pacific Insurance Group Company, Ltd., Class A	83,100	330,882
China Pacific Insurance Group Company, Ltd., H Shares	499,979	1,326,225
China Petroleum & Chemical Corp., Class A	348,700	233,953
China Petroleum & Chemical Corp., H Shares	4,717,439	2,406,730
China Railway Group, Ltd., Class A	233,400	203,193
China Railway Group, Ltd., H Shares	781,800	407,464
China Railway Signal & Communication Corp., Ltd., Class A	56,465	41,574
China Rare Earth Resources and Technology Company, Ltd., Class A (A)	10,300	59,753
China Resources Microelectronics, Ltd., Class A	11,508	89,833
China Resources Mixc Lifestyle Services, Ltd. (B)	124,000	680,767
China Resources Sanjiu Medical & Pharmaceutical Company, Ltd., Class A	11,300	82,895
China Shenhua Energy Company, Ltd., Class A	72,700	293,391
China Shenhua Energy Company, Ltd., H Shares	620,900	1,867,592

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
China Southern Airlines Company, Ltd., Class A (A)	121,500	\$ 138,306
China Southern Airlines Company, Ltd., H Shares (A)	323,700	236,031
China State Construction Engineering Corp., Ltd., Class A	487,700	395,113
China Suntain Green Energy Corp., Ltd., H Shares	312,000	136,794
China Three Gorges Renewables Group Company, Ltd., Class A	312,200	251,546
China Tourism Group Duty Free Corp., Ltd., Class A	21,500	612,480
China Tower Corp., Ltd., H Shares (B)	8,140,400	881,612
China United Network Communications, Ltd., Class A	339,900	258,692
China Vanke Company, Ltd., Class A	112,400	277,233
China Vanke Company, Ltd., H Shares	310,700	543,224
China Yangtze Power Company, Ltd., Class A	249,600	761,376
China Zhenhua Group Science & Technology Company, Ltd., Class A	5,400	80,837
China Zhesang Bank Company, Ltd., Class A (A)	198,800	83,661
Chinasoft International, Ltd. (A)	506,000	363,405
Chongqing Brewery Company, Ltd., Class A	5,200	103,053
Chongqing Changan Automobile Company, Ltd., Class A	90,410	174,517
Chongqing Fuling Zhacai Group Company, Ltd., Class A	10,400	38,338
Chongqing Rural Commercial Bank Company, Ltd., Class A	141,400	73,764
Chongqing Zhifei Biological Products Company, Ltd., Class A	17,500	225,862
CIFI Ever Sunshine Services Group, Ltd.	136,000	54,972
CIFI Holdings Group Company, Ltd. (C)	757,848	81,386
CITIC Securities Company, Ltd., Class A	144,000	428,421
CITIC Securities Company, Ltd., H Shares	388,800	823,681
CITIC, Ltd.	1,083,933	1,195,968
CMOC Group, Ltd., Class A	192,900	164,266
CMOC Group, Ltd., H Shares	640,600	360,721
CNGR Advanced Material Company, Ltd., Class A	4,400	44,529
CNNC Hua Yuan Titanium Dioxide Company, Ltd., Class A	32,955	34,861
Contemporary Ampere Technology Company, Ltd., Class A	25,600	1,485,458
COSCO SHIPPING Development Company, Ltd., Class A	111,900	40,475
COSCO SHIPPING Energy Transportation Company, Ltd., Class A (A)	35,700	74,428
COSCO SHIPPING Holdings Company, Ltd., Class A	140,200	217,747
COSCO SHIPPING Holdings Company, Ltd., H Shares	585,889	607,698
Country Garden Holdings Company, Ltd.	1,504,467	461,364
Country Garden Services Holdings Company, Ltd.	369,400	687,807
CRRC Corp., Ltd., Class A	264,200	217,019
CRRC Corp., Ltd., H Shares	834,000	381,590
CSC Financial Company, Ltd., Class A	50,000	192,893
CSPC Pharmaceutical Group, Ltd.	1,645,888	1,768,176
Daan Gene Company, Ltd., Class A	16,000	36,961
Dali Foods Group Company, Ltd. (B)	355,800	143,910

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Daqin Railway Company, Ltd., Class A	182,700	\$ 178,740
Daqo New Energy Corp., ADR (A)	10,800	477,144
DaShenLin Pharmaceutical Group Company, Ltd., Class A	9,920	55,212
DHC Software Company, Ltd., Class A	27,300	25,859
Do-Fluoride New Materials Company, Ltd., Class A	8,100	42,537
Dong-E-E-Jiao Company, Ltd., Class A	7,400	50,956
Dongfang Electric Corp., Ltd., Class A	30,700	87,252
Dongfeng Motor Group Company, Ltd., H Shares	540,980	276,369
Dongxing Securities Company, Ltd., Class A	56,900	70,435
Dongyue Group, Ltd.	271,000	306,904
East Money Information Company, Ltd., Class A	147,080	442,278
Ecovacs Robotics Company, Ltd., Class A	4,900	63,863
ENN Energy Holdings, Ltd.	144,800	2,061,337
ENN Natural Gas Company, Ltd., Class A	26,200	72,891
Eve Energy Company, Ltd., Class A	20,800	217,459
Everbright Securities Company, Ltd., Class A	44,900	101,179
Fangda Carbon New Material Company, Ltd., Class A (A)	41,000	39,522
FAW Jiefang Group Company, Ltd., Class A	27,200	33,398
Fiberhome Telecommunication Technologies Company, Ltd., Class A	10,300	24,756
First Capital Securities Company, Ltd., Class A	56,000	48,267
Flat Glass Group Company, Ltd., Class A	18,000	89,555
Flat Glass Group Company, Ltd., H Shares	79,000	209,267
Focus Media Information Technology Company, Ltd., Class A	158,800	149,355
Foshan Haitian Flavouring & Food Company, Ltd., Class A	42,270	500,882
Fosun International, Ltd.	463,000	378,800
Founder Securities Company, Ltd., Class A	98,100	98,511
Foxconn Industrial Internet Company, Ltd., Class A	113,200	156,614
Fujian Sunner Development Company, Ltd., Class A	13,400	47,913
Fuyao Glass Industry Group Company, Ltd., Class A	22,200	118,638
Fuyao Glass Industry Group Company, Ltd., H Shares (B)	109,600	491,156
Ganfeng Lithium Group Company, Ltd., Class A	17,660	184,000
Ganfeng Lithium Group Company, Ltd., H Shares (B)	66,240	462,706
G-bits Network Technology Xiamen Company, Ltd., Class A	700	35,632
GCL System Integration Technology Company, Ltd., Class A (A)	57,100	26,059
GD Power Development Company, Ltd., Class A (A)	188,000	106,422
GDS Holdings, Ltd., Class A (A)	157,900	381,971
GEM Company, Ltd., Class A	50,600	57,461
Gemdale Corp., Class A	54,000	75,264
Genscript Biotech Corp. (A)	211,400	578,644
GF Securities Company, Ltd., Class A	68,600	161,099
GF Securities Company, Ltd., H Shares	213,800	303,556
Giant Network Group Company, Ltd., Class A	22,600	32,977

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
GigaDevice Semiconductor, Inc., Class A	7,100	\$ 107,192
Ginlong Technologies Company, Ltd., Class A (A)	4,000	91,348
GoerTek, Inc., Class A	37,500	116,252
Gotion High-tech Company, Ltd., Class A	18,100	76,950
Great Wall Motor Company, Ltd., Class A	23,800	118,256
Great Wall Motor Company, Ltd., H Shares	569,650	755,959
Gree Electric Appliances, Inc. of Zhuhai, Class A	36,100	184,527
Greentown China Holdings, Ltd.	159,500	218,087
Greentown Service Group Company, Ltd.	263,000	175,491
GRG Banking Equipment Company, Ltd., Class A	22,200	34,204
Guangdong Haid Group Company, Ltd., Class A	18,000	164,672
Guangdong Kinlong Hardware Products Company, Ltd., Class A	3,300	45,663
Guanghui Energy Company, Ltd., Class A	74,200	115,122
Guangzhou Automobile Group Company, Ltd., Class A	52,100	86,129
Guangzhou Automobile Group Company, Ltd., H Shares	548,426	349,690
Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., Class A	17,000	77,352
Guangzhou Haige Communications Group, Inc. Company, Class A	26,100	35,815
Guangzhou Kingmed Diagnostics Group Company, Ltd., Class A	4,900	59,528
Guangzhou Shiyuan Electronic Technology Company, Ltd., Class A	6,800	67,277
Guangzhou Tinci Materials Technology Company, Ltd., Class A	20,800	134,575
Guangzhou Yuexiu Capital Holdings Group Company, Ltd., Class A	47,445	44,840
Guolian Securities Company, Ltd., Class A	27,800	45,456
Guosen Securities Company, Ltd., Class A	84,900	118,042
Guotai Junan Securities Company, Ltd., Class A	99,300	204,426
Guoyuan Securities Company, Ltd., Class A	62,800	63,698
H World Group, Ltd., ADR	35,700	1,691,109
Haidilao International Holding, Ltd. (A)(B)	203,000	562,255
Haier Smart Home Company, Ltd., Class A	70,400	267,035
Haier Smart Home Company, Ltd., H Shares	419,440	1,484,430
Haitian International Holdings, Ltd.	115,600	302,152
Haitong Securities Company, Ltd., Class A	120,900	159,362
Haitong Securities Company, Ltd., H Shares	554,800	357,042
Hangzhou First Applied Material Company, Ltd., Class A	14,420	142,691
Hangzhou Lion Electronics Company, Ltd., Class A	7,200	46,255
Hangzhou Oxygen Plant Group Company, Ltd., Class A	10,400	58,389
Hangzhou Robam Appliances Company, Ltd., Class A	10,700	47,419
Hangzhou Silan Microelectronics Company, Ltd., Class A	14,800	71,845
Hangzhou Tigermed Consulting Company, Ltd., A Shares	4,200	69,733
Hangzhou Tigermed Consulting Company, Ltd., H Shares (B)	22,700	260,695

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Hansoh Pharmaceutical Group Company, Ltd. (B)	216,000	\$ 388,311
Heilongjiang Agriculture Company, Ltd., Class A	18,900	38,763
Henan Shenhua Coal & Power Company, Ltd., Class A	24,600	66,194
Henan Shuanghui Investment & Development Company, Ltd., Class A	38,500	146,800
Hengan International Group Company, Ltd.	117,200	539,036
Hengli Petrochemical Company, Ltd., Class A	64,900	165,117
Hengtong Optic-electric Company, Ltd., Class A	27,900	59,200
Hengyi Petrochemical Company, Ltd., Class A	40,000	46,772
Hesteel Company, Ltd., Class A	116,900	42,443
Hithink RoyalFlush Information Network Company, Ltd., Class A	6,300	107,295
Hongfa Technology Company, Ltd., Class A	11,320	57,165
Hoshine Silicon Industry Company, Ltd., Class A	5,300	74,840
Hua Hong Semiconductor, Ltd. (A)(B)	107,100	410,694
Huadian Power International Corp., Ltd., Class A	84,400	69,732
Huadong Medicine Company, Ltd., Class A	19,400	134,155
Huafon Chemical Company, Ltd., Class A	54,400	63,906
Huagong Tech Company, Ltd., Class A	10,300	29,515
Huaibei Mining Holdings Company, Ltd., Class A	25,500	53,391
Hualan Biological Engineering, Inc., Class A	20,500	65,486
Huaneng Power International, Inc., Class A (A)	102,300	120,381
Huaneng Power International, Inc., H Shares (A)	725,564	357,076
Huatai Securities Company, Ltd., Class A	92,400	167,748
Huatai Securities Company, Ltd., H Shares (B)	289,000	325,324
Huaxi Securities Company, Ltd., Class A	40,400	48,067
Huaxia Bank Company, Ltd., Class A	155,600	117,041
Huaxin Cement Company, Ltd., Class A	15,400	38,719
Huayu Automotive Systems Company, Ltd., Class A	36,600	99,724
Hubei Xingfa Chemicals Group Company, Ltd., Class A	12,300	62,208
Huizhou Desay Sv Automotive Company, Ltd., Class A	6,000	98,450
Humanwell Healthcare Group Company, Ltd., Class A	18,500	71,116
Hunan Valin Steel Company, Ltd., Class A	81,600	65,984
Hundsun Technologies, Inc., Class A	20,000	128,001
Hygeia Healthcare Holdings Company, Ltd. (A)(B)	62,200	453,165
Iflytek Company, Ltd., Class A	24,700	171,838
Imeik Technology Development Company, Ltd., Class A	2,000	169,335
Industrial & Commercial Bank of China, Ltd., Class A	708,600	439,036
Industrial & Commercial Bank of China, Ltd., H Shares	10,378,423	5,178,440
Industrial Bank Company, Ltd., Class A	230,800	562,304

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Industrial Securities Company, Ltd., Class A	83,900	\$ 77,720
Ingenic Semiconductor Company, Ltd., Class A	5,100	55,502
Inner Mongolia BaoTou Steel Union Company, Ltd., Class A	494,900	146,319
Inner Mongolia Dian Tou Energy Corp., Ltd., Class A	20,700	39,746
Inner Mongolia ERDOS Resources Company, Ltd., Class A	12,900	31,120
Inner Mongolia Junzheng Energy & Chemical Industry Group Company, Ltd., Class A	95,400	60,764
Inner Mongolia Yili Industrial Group Company, Ltd., Class A	71,400	313,543
Inner Mongolia Yitai Coal Company, Ltd., Class B	197,173	265,870
Inner Mongolia Yuan Xing Energy Company, Ltd., Class A	42,200	57,381
Innovent Biologics, Inc. (A)(B)	187,500	911,930
Inspur Electronic Information Industry Company, Ltd., Class A	15,700	88,085
Intco Medical Technology Company, Ltd., Class A	7,360	27,212
iQIYI, Inc., ADR (A)	62,500	483,125
JA Solar Technology Company, Ltd., Class A	24,420	214,519
Jafron Biomedical Company, Ltd., Class A	7,700	35,935
Jason Furniture Hangzhou Company, Ltd., Class A	8,430	57,226
JCET Group Company, Ltd., Class A	17,700	71,746
JD Health International, Inc. (A)(B)	204,350	1,430,501
JD.com, Inc., Class A	367,587	8,171,434
Jiangsu Eastern Shenghong Company, Ltd., Class A	42,400	94,742
Jiangsu Expressway Company, Ltd., H Shares	220,955	211,226
Jiangsu Hengli Hydraulic Company, Ltd., Class A	13,500	134,069
Jiangsu Hengrui Medicine Company, Ltd., Class A	70,600	442,565
Jiangsu King's Luck Brewery JSC, Ltd., Class A	13,600	125,670
Jiangsu Yanghe Brewery Joint-Stock Company, Ltd., Class A	16,600	405,951
Jiangsu Yangnong Chemical Company, Ltd., Class A	3,100	47,952
Jiangsu Yoke Technology Company, Ltd., Class A	4,900	34,907
Jiangsu Yuyue Medical Equipment & Supply Company, Ltd., Class A	10,600	48,133
Jiangsu Zhongtian Technology Company, Ltd., Class A	38,300	88,612
Jiangxi Copper Company, Ltd., Class A	21,400	60,530
Jiangxi Copper Company, Ltd., H Shares	198,225	312,615
Jiangxi Special Electric Motor Company, Ltd., Class A (A)	17,900	46,061
Jiangxi Zhengbang Technology Company, Ltd., Class A (A)	25,600	12,978
Jinke Properties Group Company, Ltd., Class A (A)	77,800	21,267
Jinxin Fertility Group, Ltd. (B)	276,500	220,106
JiuGui Liquor Company, Ltd., Class A	3,500	76,494
Jiumaojiu International Holdings, Ltd. (B)	132,000	318,966

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Jizhong Energy Resources Company, Ltd., Class A	37,900	\$ 38,892
Joincare Pharmaceutical Group Industry Company, Ltd., Class A	21,300	40,485
Joinn Laboratories China Company, Ltd., Class A	4,840	40,983
Jointown Pharmaceutical Group Company, Ltd., Class A	20,600	42,955
Jonjee Hi-Tech Industrial And Commercial Holding Company, Ltd., Class A	9,600	52,686
Juwei Food Company, Ltd., Class A	7,000	52,876
Kanzhun, Ltd., ADR (A)	15,500	312,325
KE Holdings, Inc., ADR (A)	57,500	1,049,375
Keda Industrial Group Company, Ltd., Class A	20,400	48,172
Kingdee International Software Group Company, Ltd. (A)	472,800	883,410
Kingfa Sci & Tech Company, Ltd., Class A	25,300	36,496
Kingsoft Corp., Ltd.	174,000	574,482
Kuaishou Technology (A)(B)	319,400	2,140,448
Kuang-Chi Technologies Company, Ltd., Class A	23,400	58,999
Kunlun Tech Company, Ltd., Class A	13,000	41,531
Kweichow Moutai Company, Ltd., Class A	13,800	3,610,308
LB Group Company, Ltd., Class A	27,100	85,436
Lenovo Group, Ltd.	1,325,764	1,193,058
Lens Technology Company, Ltd., Class A	52,700	96,660
Lepu Medical Technology Beijing Company, Ltd., Class A	19,500	65,926
Li Auto, Inc., ADR (A)	100,200	2,365,722
Li Ning Company, Ltd.	430,500	3,673,330
Liaoning Port Company, Ltd., Class A	173,200	40,429
Lingyi iTech Guangdong Company, Class A (A)	68,800	56,748
Livzon Pharmaceutical Group, Inc., Class A	7,400	38,155
Logan Group Company, Ltd. (A)	236,500	34,512
Longfor Group Holdings, Ltd. (B)	334,700	958,124
LONGi Green Energy Technology Company, Ltd., Class A	83,040	529,607
Lufax Holding, Ltd., ADR	155,500	335,880
Luoyang Xinqianglian Slewing Bearing Company, Ltd., Class A	3,690	29,659
Luxi Chemical Group Company, Ltd., Class A	22,900	47,823
Luxshare Precision Industry Company, Ltd., Class A	78,000	335,730
Luzhou Laojiao Company, Ltd., Class A	16,200	582,548
Maanshan Iron & Steel Company, Ltd., Class A	57,800	25,733
Mango Excellent Media Company, Ltd., Class A	19,900	95,992
Maxscend Microelectronics Company, Ltd., Class A	5,600	94,444
Meinian Onehealth Healthcare Holdings Company, Ltd., Class A (A)	38,600	36,507
Meituan, Class B (A)(B)	865,161	15,014,815
Metallurgical Corp. of China, Ltd., Class A	203,800	100,168
Microport Scientific Corp. (A)	113,100	320,869
Ming Yang Smart Energy Group, Ltd., Class A	22,900	83,772
Ming Yuan Cloud Group Holdings, Ltd.	116,000	79,209
Minth Group, Ltd.	138,000	358,606

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Montage Technology Company, Ltd., Class A	12,392	\$ 103,091
Muyuan Foods Company, Ltd., Class A	58,200	414,900
Nanjing King-Friend Biochemical Pharmaceutical Company, Ltd., Class A	15,960	39,722
Nanjing Securities Company, Ltd., Class A	46,600	60,815
NARI Technology Company, Ltd., Class A	73,840	279,380
National Silicon Industry Group Company, Ltd., Class A (A)	22,454	64,985
NAURA Technology Group Company, Ltd., Class A	5,800	194,384
NavInfo Company, Ltd., Class A	26,400	49,541
NetEase, Inc.	380,000	5,905,374
New China Life Insurance Company, Ltd., Class A	27,100	121,725
New China Life Insurance Company, Ltd., H Shares	176,200	427,031
New Hope Liuhe Company, Ltd., Class A (A)	48,400	91,963
New Oriental Education & Technology Group, Inc. (A)	278,200	1,072,817
Ninestar Corp., Class A	14,800	114,986
Ningbo Deye Technology Company, Ltd., Class A	2,200	104,761
Ningbo Joyson Electronic Corp., Class A (A)	13,700	31,047
Ningbo Orient Wires & Cables Company, Ltd., Class A	7,600	60,235
Ningbo Ronbay New Energy Technology Company, Ltd., Class A	4,934	51,254
Ningbo Shanshan Company, Ltd., Class A	23,300	60,012
Ningbo Tuopu Group Company, Ltd., Class A	11,900	114,772
Ningxia Baofeng Energy Group Company, Ltd., Class A	67,000	152,576
NIO, Inc., ADR (A)(C)	241,000	2,262,990
Nongfu Spring Company, Ltd., H Shares (B)	322,800	1,811,931
North Industries Group Red Arrow Company, Ltd., Class A	15,800	51,543
Northeast Securities Company, Ltd., Class A	48,700	48,001
Offshore Oil Engineering Company, Ltd., Class A	37,300	36,617
OFILM Group Company, Ltd., Class A (A)	27,500	20,374
Oppein Home Group, Inc., Class A	5,500	112,231
Orient Securities Company, Ltd., Class A	93,100	136,826
Ovctek China, Inc., Class A	8,800	43,631
Pangang Group Vanadium Titanium & Resources Company, Ltd., Class A (A)	94,900	76,338
PDD Holdings, Inc., ADR (A)	80,400	7,053,492
Perfect World Company, Ltd., Class A	22,400	45,884
PetroChina Company, Ltd., Class A	221,200	166,396
PetroChina Company, Ltd., H Shares	3,881,939	1,980,325
Pharmaron Beijing Company, Ltd., Class A	11,150	95,905
Pharmaron Beijing Company, Ltd., H Shares (B)	36,450	204,397
PICC Property & Casualty Company, Ltd., H Shares	1,298,798	1,140,801
Ping An Bank Company, Ltd., Class A	211,500	419,299
Ping An Healthcare and Technology Company, Ltd. (A)(B)	91,200	209,002
Ping An Insurance Group Company of China, Ltd., Class A	122,500	851,483

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Ping An Insurance Group Company of China, Ltd., H Shares	1,164,910	\$ 7,952,300
Pingdingshan Tianan Coal Mining Company, Ltd., Class A	21,800	37,700
Poly Developments and Holdings Group Company, Ltd., Class A	135,600	294,941
Pop Mart International Group, Ltd. (B)(C)	101,200	281,945
Postal Savings Bank of China Company, Ltd., Class A	307,000	199,992
Postal Savings Bank of China Company, Ltd., H Shares (B)	1,467,300	881,558
Power Construction Corp. of China, Ltd., Class A	169,400	175,276
Proya Cosmetics Company, Ltd., Class A	1,360	35,766
Qingdao Rural Commercial Bank Corp., Class A	77,400	32,991
Raytron Technology Company, Ltd., Class A	3,863	25,739
Riyue Heavy Industry Company, Ltd., Class A	10,600	38,359
RLX Technology, Inc., ADR (A)	86,600	168,870
Rongsheng Petrochemical Company, Ltd., Class A	110,600	215,392
SAIC Motor Corp., Ltd., Class A	89,500	193,815
Sailun Group Company, Ltd., Class A	32,500	52,058
Sangfor Technologies, Inc., Class A	4,000	82,251
Sany Heavy Equipment International Holdings Company, Ltd.	195,000	194,606
Sany Heavy Industry Company, Ltd., Class A	94,000	253,725
Satellite Chemical Company, Ltd., Class A	36,643	91,788
SDIC Power Holdings Company, Ltd., Class A	75,900	118,477
Sealand Securities Company, Ltd., Class A	84,400	42,398
Seazen Group, Ltd. (A)	358,800	120,782
Seazen Holdings Company, Ltd., Class A (A)	27,400	77,224
SF Holding Company, Ltd., Class A	53,800	417,253
SG Micro Corp., Class A	3,600	81,303
Shaanxi Coal Industry Company, Ltd., Class A	105,600	304,350
Shan Xi Hua Yang Group New Energy Company, Ltd., Class A	25,300	58,020
Shandong Buchang Pharmaceuticals Company, Ltd., Class A	14,200	41,884
Shandong Gold Mining Company, Ltd., Class A	37,800	103,439
Shandong Gold Mining Company, Ltd., H Shares (B)	125,750	215,640
Shandong Hualu Hengsheng Chemical Company, Ltd., Class A	22,600	117,645
Shandong Linglong Tyre Company, Ltd., Class A	15,900	51,628
Shandong Nanshan Aluminum Company, Ltd., Class A	129,500	67,369
Shandong Sun Paper Industry JSC, Ltd., Class A	27,400	50,962
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	454,000	732,832
Shanghai Bairun Investment Holding Group Company, Ltd., Class A	11,020	66,620
Shanghai Baosight Software Company, Ltd., Class A	15,550	110,886

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Shanghai Baosight Software Company, Ltd., Class B	89,823	\$ 292,792
Shanghai Construction Group Company, Ltd., Class A	101,000	39,447
Shanghai Electric Group Company, Ltd., Class A (A)	130,100	78,516
Shanghai Fosun Pharmaceutical Group Company, Ltd., Class A	24,200	117,520
Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	90,100	263,598
Shanghai Friendess Electronic Technology Corp., Ltd., Class A	1,111	33,669
Shanghai International Airport Company, Ltd., Class A (A)	10,700	90,489
Shanghai International Port Group Company, Ltd., Class A	106,200	81,405
Shanghai Jinjiang International Hotels Company, Ltd., Class A	10,300	92,083
Shanghai Junshi Biosciences Company, Ltd., Class A (A)	7,371	56,109
Shanghai Lingang Holdings Corp., Ltd., Class A	16,400	28,873
Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., B Shares	176,180	137,480
Shanghai M&G Stationery, Inc., Class A	9,300	72,604
Shanghai Medicilon, Inc., Class A	872	23,758
Shanghai Pharmaceuticals Holding Company, Ltd., Class A	32,500	92,519
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	142,400	251,121
Shanghai Pudong Development Bank Company, Ltd., Class A	334,200	345,761
Shanghai Putailai New Energy Technology Company, Ltd., Class A	15,000	108,601
Shanghai RAAS Blood Products Company, Ltd., Class A	70,300	62,795
Shanghai Yuyuan Tourist Mart Group Company, Ltd., Class A	41,800	47,229
Shanghai Zhangjiang High-Tech Park Development Company, Ltd., Class A	11,400	20,660
Shanxi Coking Coal Energy Group Company, Ltd., Class A	43,800	82,140
Shanxi Lu'an Environmental Energy Development Company, Ltd., Class A	31,000	99,672
Shanxi Meijin Energy Company, Ltd., Class A	46,100	62,412
Shanxi Securities Company, Ltd., Class A	54,800	45,737
Shanxi Taigang Stainless Steel Company, Ltd., Class A	62,600	43,108
Shanxi Xinghuacun Fen Wine Factory Company, Ltd., Class A	13,300	542,218
Shenghe Resources Holding Company, Ltd., Class A	18,000	41,554
Shengyi Technology Company, Ltd., Class A	23,900	62,431
Shennan Circuits Company, Ltd., Class A	5,400	62,052
Shenwan Hongyuan Group Company, Ltd., Class A	264,000	160,386
Shenzhen Capchem Technology Company, Ltd., Class A	7,640	51,064
Shenzhen Dynanonic Company, Ltd., Class A	1,800	58,624
Shenzhen Energy Group Company, Ltd., Class A	46,600	41,811

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Shenzhen Inovance Technology Company, Ltd., Class A	28,700	\$ 302,803
Shenzhen Kangtai Biological Products Company, Ltd., Class A	11,820	59,033
Shenzhen Kedali Industry Company, Ltd., Class A	2,400	42,309
Shenzhen Mindray Bio-Medical Electronics Company, Ltd., Class A	13,200	596,424
Shenzhen New Industries Biomedical Engineering Company, Ltd., Class A	6,300	55,607
Shenzhen Overseas Chinese Town Company, Ltd., Class A	93,800	71,679
Shenzhen Salubris Pharmaceuticals Company, Ltd., Class A	9,900	52,882
Shenzhen SC New Energy Technology Corp., Class A	3,800	70,565
Shenzhen Senior Technology Material Company, Ltd., Class A	13,885	42,440
Shenzhen Sunlord Electronics Company, Ltd., Class A	8,200	30,074
Shenzhen Transsion Holdings Company, Ltd., Class A	6,984	81,163
Shenzhou International Group Holdings, Ltd.	151,800	1,660,929
Shijiazhuang Yiling Pharmaceutical Company, Ltd., Class A	19,000	82,139
Sichuan Chuantou Energy Company, Ltd., Class A	37,500	70,144
Sichuan Hebang Biotechnology Company, Ltd., Class A	98,800	44,831
Sichuan Kelun Pharmaceutical Company, Ltd., Class A	16,300	67,759
Sichuan New Energy Power Company, Ltd. (A)	15,200	39,811
Sichuan Road & Bridge Group Company, Ltd., Class A	51,500	94,308
Sichuan Swellfun Company, Ltd., Class A	5,000	59,653
Sichuan Yahua Industrial Group Company, Ltd., Class A	12,200	43,007
Sieyuan Electric Company, Ltd., Class A	8,300	56,165
Silergy Corp.	35,000	658,563
Sinolink Securities Company, Ltd., Class A	52,800	71,189
Sinoma Science & Technology Company, Ltd., Class A	18,600	61,662
Sinomine Resource Group Company, Ltd., Class A	4,900	52,861
Sinopec Shanghai Petrochemical Company, Ltd., Class A	67,400	31,732
Sinopharm Group Company, Ltd., H Shares	249,400	667,972
Sinotrans, Ltd., Class A	49,000	27,756
Sinotruk Hong Kong, Ltd.	129,600	204,265
Skshu Paint Company, Ltd., Class A (A)	3,900	68,784
Smoores International Holdings, Ltd. (B)(C)	329,000	407,903
Songcheng Performance Development Company, Ltd., Class A	31,500	71,177
SooChow Securities Company, Ltd., Class A	64,300	65,214
Southwest Securities Company, Ltd., Class A	96,200	56,543
StarPower Semiconductor, Ltd., Class A	1,800	76,491
Sunac China Holdings, Ltd. (A)(D)	599,000	314,556
Sungrow Power Supply Company, Ltd., Class A	16,000	275,120

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Sunny Optical Technology Group Company, Ltd.	130,350	\$ 1,482,318
Sunwoda Electronic Company, Ltd., Class A	19,200	59,697
Suzhou Dongshan Precision Manufacturing Company, Ltd., Class A	19,900	83,538
Suzhou Maxwell Technologies Company, Ltd., Class A	1,840	97,184
Suzhou TA&A Ultra Clean Technology Company, Ltd., Class A	6,200	51,265
TAL Education Group, ADR (A)	77,162	542,449
Tangshan Jidong Cement Company, Ltd., Class A	29,100	37,823
TBEA Company, Ltd., Class A	42,000	130,484
TCL Technology Group Corp., Class A	156,000	99,694
TCL Zhonghuan Renewable Energy Technology Company, Ltd., Class A	34,900	219,099
Tencent Holdings, Ltd.	1,144,712	50,285,374
Tencent Music Entertainment Group, ADR (A)	130,400	983,216
The People's Insurance Company Group of China, Ltd., Class A	78,700	59,194
The People's Insurance Company Group of China, Ltd., H Shares	1,607,100	508,118
Thunder Software Technology Company, Ltd., Class A	4,500	61,875
Tianjin 712 Communication & Broadcasting Company, Ltd., Class A	7,600	37,275
Tianma Microelectronics Company, Ltd., Class A	11,000	15,155
Tianshan Aluminum Group Company, Ltd., Class A	40,900	48,829
Tianshui Huatian Technology Company, Ltd., Class A	26,700	36,816
Tibet Summit Resources Company, Ltd., Class A (A)	9,200	34,671
Tingyi Cayman Islands Holding Corp.	357,800	578,056
Titan Wind Energy Suzhou Company, Ltd., Class A	20,100	44,308
Toly Bread Company, Ltd., Class A	13,740	34,899
Tongcheng Travel Holdings, Ltd. (A)	222,400	441,459
TongFu Microelectronics Company, Ltd., Class A (A)	10,900	35,032
Tongkun Group Company, Ltd., Class A	29,500	69,493
Tongling Nonferrous Metals Group Company, Ltd., Class A	106,900	51,992
Tongwei Company, Ltd., Class A	49,300	297,774
Topchoice Medical Corp., Class A (A)	3,500	73,672
Topsports International Holdings, Ltd. (B)	330,000	288,640
Transfar Zhilian Company, Ltd., Class A	36,500	31,294
TravelSky Technology, Ltd., H Shares	169,400	334,380
Trina Solar Company, Ltd., Class A	23,880	212,379
Trip.com Group, Ltd., ADR (A)	99,600	3,540,780
Tsingtao Brewery Company, Ltd., Class A	8,100	130,144
Tsingtao Brewery Company, Ltd., H Shares	114,700	1,132,064
Unigroup Guoxin Microelectronics Company, Ltd., Class A	8,979	143,193
Uni-President China Holdings, Ltd.	234,900	205,956
Unisplendour Corp., Ltd., Class A	31,000	113,293
Vipshop Holdings, Ltd., ADR (A)	82,900	1,234,382
Walvax Biotechnology Company, Ltd., Class A	17,400	95,786

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Wanhua Chemical Group Company, Ltd., Class A	34,400	\$ 516,990
Want Want China Holdings, Ltd.	867,412	545,699
Weibo Corp., ADR (A)	12,880	266,358
Weichai Power Company, Ltd., Class A	81,000	144,950
Weichai Power Company, Ltd., H Shares	348,980	517,972
Weihai Guangwei Composites Company, Ltd., Class A	5,600	53,730
Wens Foodstuffs Group Company, Ltd., Class A	70,500	200,830
Western Mining Company, Ltd., Class A	25,400	42,041
Western Securities Company, Ltd., Class A	60,300	57,536
Western Superconducting Technologies Company, Ltd., Class A	5,005	65,354
Will Semiconductor Company, Ltd., Class A	12,745	157,822
Wingtech Technology Company, Ltd., Class A	13,500	104,731
Winning Health Technology Group Company, Ltd., Class A	19,000	27,801
Wuchan Zhongda Group Company, Ltd., Class A	60,100	42,343
Wuhan Guide Infrared Company, Ltd., Class A	32,360	55,547
Wuliangye Yibin Company, Ltd., Class A	42,800	1,257,885
WUS Printed Circuit Kunshan Company, Ltd., Class A	20,700	48,862
WuXi AppTec Company, Ltd., Class A	28,800	343,516
WuXi AppTec Company, Ltd., H Shares (B)	64,229	685,256
WuXi Biologics Cayman, Inc. (A)(B)	657,600	4,603,302
Wuxi Shangji Automation Company, Ltd., Class A	4,160	66,570
XCMG Construction Machinery Company, Ltd., Class A	95,200	97,318
Xiamen C & D, Inc., Class A	36,200	68,877
Xiamen Faratron Company, Ltd., Class A	2,400	52,669
Xiamen Intretech, Inc., Class A	7,100	19,907
Xiamen Tungsten Company, Ltd., Class A	15,000	49,460
Xiaomi Corp., Class B (A)(B)	2,801,500	4,244,224
Xinjiang Goldwind Science & Technology Company, Ltd., Class A	40,000	65,417
Xinjiang Goldwind Science & Technology Company, Ltd., H Shares	141,000	127,188
Xinjiang Zhongtai Chemical Company, Ltd., Class A	31,100	37,872
Xinyi Solar Holdings, Ltd.	895,000	957,001
XPeng, Inc., ADR (A)(C)	77,600	692,192
Xtep International Holdings, Ltd.	238,500	269,775
Yadea Group Holdings, Ltd. (B)	216,000	463,578
Yangzhou Yangjie Electronic Technology Company, Ltd., Class A	5,500	43,294
Yankuang Energy Group Company, Ltd., Class A	28,100	144,466
Yankuang Energy Group Company, Ltd., H Shares	276,710	834,652
Yantai Jereh Oilfield Services Group Company, Ltd., Class A	10,500	46,671
Yealink Network Technology Corp., Ltd., Class A	9,300	89,253
Yifeng Pharmacy Chain Company, Ltd., Class A	7,600	66,228
Yihai International Holding, Ltd. (A)	85,500	248,911

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Yihai Kerry Arawana Holdings Company, Ltd., Class A	16,300	\$ 107,934
Yintai Gold Company, Ltd., Class A	27,400	45,759
YongXing Special Materials Technology Company, Ltd., Class A	4,300	56,797
Yonyou Network Technology Company, Ltd., Class A	36,400	122,137
Youngor Group Company, Ltd., Class A	62,900	59,652
Youngy Company, Ltd., Class A (A)	2,700	38,613
YTO Express Group Company, Ltd., Class A	39,100	102,286
Yuan Longping High-tech Agriculture Company, Ltd., Class A (A)	14,200	34,985
Yum China Holdings, Inc. (New York Stock Exchange)	78,192	4,592,216
Yunda Holding Company, Ltd., Class A	32,500	59,688
Yunnan Aluminium Company, Ltd., Class A	36,200	69,439
Yunnan Baiyao Group Company, Ltd., Class A	20,140	165,012
Yunnan Botanee Bio-Technology Group Company, Ltd., Class A	3,100	61,794
Yunnan Energy New Material Company, Ltd., Class A	9,800	177,131
Yunnan Tin Company, Ltd., Class A	17,500	38,981
Zai Lab, Ltd., ADR (A)	15,900	590,685
Zhangzhou Pientzehuang Pharmaceutical Company, Ltd., Class A	6,500	289,327
Zhaojin Mining Industry Company, Ltd., H Shares (A)	202,500	212,648
Zhefu Holding Group Company, Ltd., Class A	54,900	33,062
Zhejiang Century Huatong Group Company, Ltd., Class A (A)	85,100	53,878
Zhejiang China Commodities City Group Company, Ltd., Class A	57,600	43,986
Zhejiang Chint Electrics Company, Ltd., Class A	24,300	105,050
Zhejiang Dahua Technology Company, Ltd., Class A	33,800	70,489
Zhejiang Dingli Machinery Company, Ltd., Class A	5,500	46,400
Zhejiang Expressway Company, Ltd., H Shares	254,782	205,487
Zhejiang HangKe Technology, Inc., Company, Class A	4,121	29,852
Zhejiang Huahai Pharmaceutical Company, Ltd., Class A	15,400	46,000
Zhejiang Huayou Cobalt Company, Ltd., Class A	17,210	146,667
Zhejiang Jingsheng Mechanical & Electrical Company, Ltd., Class A	13,800	136,227
Zhejiang Jiuzhou Pharmaceutical Company, Ltd., Class A	8,500	48,259
Zhejiang Juhua Company, Ltd., Class A	29,900	81,139
Zhejiang NHU Company, Ltd., Class A	33,780	92,289
Zhejiang Orient Gene Biotech Company, Ltd., Class A	1,976	21,025
Zhejiang Semir Garment Company, Ltd., Class A	24,800	21,754
Zhejiang Supor Company, Ltd., Class A	5,800	47,524
Zhejiang Weiming Environment Protection Company, Ltd., Class A	18,080	51,105

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Zhejiang Weixing New Building Materials Company, Ltd., Class A	15,700	\$ 58,011
Zhejiang Wolwo Bio-Pharmaceutical Company, Ltd., Class A	5,100	38,717
Zhejiang Yongtai Technology Company, Ltd., Class A	9,600	32,127
Zheshang Securities Company, Ltd., Class A	49,500	73,585
ZhongAn Online P&C Insurance Company, Ltd., H Shares (A)(B)	129,500	372,860
Zhongji Innolight Company, Ltd., Class A	8,800	44,957
Zhongsheng Group Holdings, Ltd.	109,600	547,477
Zhongtai Securities Company, Ltd., Class A	63,500	63,739
Zhuzhou CRRC Times Electric Company, Ltd.	99,600	453,862
Zhuzhou CRRC Times Electric Company, Ltd., Class A	6,951	51,818
Zhuzhou Hongda Electronics Corp., Ltd., Class A	3,900	25,629
Zhuzhou Kibing Group Company, Ltd., Class A	29,400	46,364
Zibo Qixiang Tengda Chemical Company, Ltd., Class A (A)	30,200	31,297
Zijin Mining Group Company, Ltd., Class A	231,900	381,639
Zijin Mining Group Company, Ltd., H Shares	1,041,529	1,576,211
Zoomlion Heavy Industry Science and Technology Company, Ltd., Class A	73,900	71,385
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	275,000	158,875
ZTE Corp., Class A	44,600	206,873
ZTE Corp., H Shares	137,415	408,275
ZTO Express Cayman, Inc., ADR	77,400	1,862,244
		345,865,573
Colombia - 0.1%		
Bancolombia SA	88,552	654,195
Ecopetrol SA	1,733,817	962,631
Interconexion Electrica SA ESP	155,807	551,801
		2,168,627
Czech Republic - 0.0%		
CEZ AS	23,078	1,076,033
Komerční banka AS	10,967	369,440
Moneta Money Bank AS (B)	47,558	181,170
		1,626,643
Denmark - 2.0%		
A.P. Moller - Maersk A/S, Series A	534	1,220,560
A.P. Moller - Maersk A/S, Series B	997	2,322,360
Carlsberg A/S, Class B	18,077	2,554,479
Chr. Hansen Holding A/S	18,850	1,306,796
Coloplast A/S, B Shares	21,340	2,465,754
Danske Bank A/S	125,172	2,906,903
Demant A/S (A)	17,052	509,940
DSV A/S	34,524	6,273,227
Genmab A/S (A)	11,850	4,458,551
GN Store Nord A/S (C)	23,632	510,207
Novo Nordisk A/S, B Shares	303,217	42,831,000
Novozymes A/S, B Shares	36,746	1,769,831
Orsted A/S (B)	33,930	2,953,371
Pandora A/S	17,085	1,618,354
ROCKWOOL A/S, B Shares	1,609	365,305
Tryg A/S	66,641	1,476,329

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Denmark (continued)		
Vestas Wind Systems A/S	181,690	\$ 5,184,517
		80,727,484
Finland - 0.5%		
Elisa OYJ	17,015	966,249
Fortum OYJ	53,863	823,211
Kesko OYJ, B Shares	32,857	713,517
Kone OYJ, B Shares	41,513	2,155,834
Neste OYJ	51,631	2,490,222
Nokia OYJ	666,777	3,084,871
Nordea Bank ABP	370,644	4,696,887
Orion OYJ, Class B	13,035	614,223
Sampo OYJ, A Shares	63,380	3,085,344
Stora Enso OYJ, R Shares	68,411	967,180
UPM-Kymmene OYJ	65,625	2,378,012
Wartsila OYJ ABP	58,322	563,310
		22,538,860
France - 7.7%		
Accor SA (A)	29,520	979,747
Aéroports de Paris	5,106	739,815
Air Liquide SA	92,112	14,634,391
Airbus SE	103,843	13,600,342
Alstom SA	55,737	1,635,779
Amundi SA (B)	11,654	766,519
Arkema SA	10,572	1,071,778
AXA SA	346,418	10,916,121
BioMerieux	7,282	713,056
BNP Paribas SA	196,186	13,715,563
Bolloré SE	152,744	853,219
Bouygues SA	40,004	1,353,601
Bureau Veritas SA	51,284	1,465,004
Capgemini SE	28,799	5,400,842
Carrefour SA	108,782	2,150,556
Cie de Saint-Gobain	87,948	5,226,095
Cie Generale des Etablissements Michelin SCA	119,280	3,747,298
Covivio	7,962	509,925
Credit Agricole SA	223,161	2,719,775
Danone SA	114,891	6,458,280
Dassault Aviation SA	4,365	750,389
Dassault Systemes SE	117,378	4,529,631
Edenred	43,571	2,452,444
Eiffage SA	14,481	1,589,274
Electricité de France SA	98,552	1,228,539
Engie SA	322,016	4,699,289
EssilorLuxottica SA	50,634	8,777,557
Eurazeo SE	7,739	520,758
Gecina SA	7,920	911,191
Getlink SE	75,767	1,272,492
Hermès International	5,576	10,093,286
Ipsen SA	6,645	759,247
Kering SA	13,187	7,731,799
Klepierre SA (A)	37,528	935,934
La Française des Jeux SAEM (B)	17,944	708,293
Legrand SA	47,041	4,345,035
L'Oreal SA	42,450	16,779,295
LVMH Moët Hennessy Louis Vuitton SE	48,903	40,654,295
Orange SA	350,785	4,004,658
Pernod Ricard SA	36,963	7,710,885
Publicis Groupe SA	40,148	3,187,230
Remy Cointreau SA	4,043	709,732
Renault SA (A)	33,921	1,518,195
Safran SA	60,165	8,495,366
Sanofi	200,479	18,744,406

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
France (continued)		
Sartorius Stedim Biotech	4,866	\$ 1,584,837
Schneider Electric SE	93,874	15,062,717
Schneider Electric SE (Euronext London Exchange)	1,474	236,402
SEB SA	4,285	494,304
Société Générale SA	141,590	4,080,553
Sodexo SA	15,468	1,432,608
Teleperformance	10,309	2,676,084
Thales SA	18,791	2,627,048
TotalEnergies SE	436,525	26,935,370
Ubisoft Entertainment SA (A)	16,445	360,556
Unibail-Rodamco-Westfield (A)	16,892	1,067,361
Unibail-Rodamco-Westfield (Euronext Amsterdam Exchange) (A)	3,763	237,774
Valeo	36,095	749,863
Veolia Environnement SA	116,684	3,482,347
Vinci SA	93,984	10,686,693
Vivendi SE	125,679	1,293,320
Wendel SE	4,722	535,528
Worldline SA (A)(B)	41,948	1,747,235
		317,057,526
Germany - 4.4%		
adidas AG	26,340	3,933,787
Allianz SE	62,968	14,785,698
BASF SE	140,119	7,174,397
Bayer AG	149,921	8,902,475
Bayerische Motoren Werke AG	50,773	5,238,007
Bechtle AG	12,354	520,262
Beiersdorf AG	15,316	1,827,893
Brenntag SE	23,309	1,755,705
Carl Zeiss Meditec AG, Bearer Shares	6,129	816,964
Commerzbank AG (A)	158,876	1,935,979
Continental AG	16,683	1,197,705
Covestro AG (B)	29,753	1,307,952
Daimler Truck Holding AG (A)	68,937	2,183,513
Delivery Hero SE (A)(B)	24,930	1,001,827
Deutsche Bank AG	319,085	3,978,125
Deutsche Börse AG	29,010	5,058,579
Deutsche Lufthansa AG (A)	89,557	927,877
Deutsche Post AG	150,887	6,381,143
Deutsche Telekom AG	493,601	11,077,895
E.ON SE	340,768	3,718,068
Evonik Industries AG	31,454	671,596
Fresenius Medical Care AG & Company KGaA	31,225	1,220,132
Fresenius SE & Company KGaA	64,050	1,762,472
GEA Group AG	22,939	1,008,394
Hannover Rueck SE	9,552	1,854,982
HeidelbergCement AG	22,212	1,524,906
HelloFresh SE (A)	25,049	561,159
Henkel AG & Company KGaA	14,090	974,250
Infineon Technologies AG	199,451	7,055,845
KION Group AG	10,973	429,768
Knorr-Bremse AG	10,708	727,767
LEG Immobilien SE	11,079	802,312
Mercedes-Benz Group AG	122,416	9,382,278
Merck KGaA	19,748	3,742,102
MTU Aero Engines AG	8,129	1,961,713
Muenchener Rueckversicherungs-Gesellschaft AG	21,762	7,496,497
Nemetschek SE	8,709	493,189
Puma SE	15,908	1,012,613
Rational AG	768	509,407

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Germany (continued)		
Rheinmetall AG	6,652	\$ 1,690,785
RWE AG	97,450	4,136,475
SAP SE	159,102	18,075,691
Scout24 SE (B)	12,031	659,372
Siemens AG	116,694	17,783,182
Siemens Energy AG (A)(C)	66,462	1,331,788
Siemens Healthineers AG (B)	42,973	2,242,763
Symrise AG	20,223	2,066,166
Telefonica Deutschland Holding AG	147,844	448,475
Uniper SE (C)	13,326	38,600
United Internet AG	13,805	301,680
Volkswagen AG	4,432	787,388
Vonovia SE	106,394	2,675,704
Zalando SE (A)(B)	33,774	1,338,125
		180,491,427
Hong Kong - 2.2%		
AIA Group, Ltd.	1,918,509	20,389,947
Alibaba Health Information Technology, Ltd. (A)	858,200	614,495
Alibaba Pictures Group, Ltd. (A)	2,116,100	133,380
Beijing Enterprises Holdings, Ltd.	97,214	318,441
Beijing Enterprises Water Group, Ltd.	746,200	187,366
BOC Hong Kong Holdings, Ltd.	586,500	1,984,919
Bosideng International Holdings, Ltd.	586,000	325,067
Brilliance China Automotive Holdings, Ltd.	489,800	245,026
Budweiser Brewing Company APAC, Ltd. (B)	272,600	817,419
China Everbright Environment Group, Ltd.	695,700	282,153
China Gas Holdings, Ltd.	559,400	782,246
China Jinmao Holdings Group, Ltd.	1,059,300	205,559
China Mengniu Dairy Company, Ltd. (A)	580,253	2,554,085
China Merchants Port Holdings Company, Ltd.	246,331	345,311
China Overseas Land & Investment, Ltd.	708,797	1,759,580
China Overseas Property Holdings, Ltd.	235,000	274,221
China Power International Development, Ltd.	986,900	391,358
China Resources Beer Holdings Company, Ltd.	296,899	2,196,481
China Resources Cement Holdings, Ltd.	453,900	244,235
China Resources Gas Group, Ltd.	168,400	710,593
China Resources Land, Ltd.	592,405	2,632,215
China Resources Power Holdings Company, Ltd.	353,432	721,682
China Ruyi Holdings, Ltd. (A)	840,000	208,758
China State Construction International Holdings, Ltd.	371,400	422,976
China Taiping Insurance Holdings Company, Ltd.	295,800	349,618
China Traditional Chinese Medicine Holdings Company, Ltd.	514,400	266,900
Chow Tai Fook Jewellery Group, Ltd.	311,600	603,928
CK Asset Holdings, Ltd.	317,198	1,989,477
CK Hutchison Holdings, Ltd.	427,472	2,552,543
CK Infrastructure Holdings, Ltd.	98,000	516,938
CLP Holdings, Ltd.	257,500	1,820,993
COSCO SHIPPING Ports, Ltd.	336,808	219,255
ESR Group, Ltd. (B)	315,000	535,828
Far East Horizon, Ltd.	279,100	246,884
Futu Holdings, Ltd., ADR (A)(C)	9,500	467,495
Galaxy Entertainment Group, Ltd.	345,000	2,296,886
Geely Automobile Holdings, Ltd.	1,103,300	1,433,384

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
Guangdong Investment, Ltd.	538,880	\$ 544,560
Hang Lung Properties, Ltd.	317,000	611,392
Hang Seng Bank, Ltd.	119,195	1,938,890
Henderson Land Development Company, Ltd.	228,417	801,786
HK Electric Investments, Ltd.	357,500	228,600
HKT Trust & HKT, Ltd.	580,322	754,476
Hong Kong & China Gas Company, Ltd.	1,751,863	1,646,756
Hong Kong Exchanges & Clearing, Ltd.	190,577	7,633,117
Hongkong Land Holdings, Ltd.	180,100	823,879
Hopson Development Holdings, Ltd.	151,906	155,030
HUTCHMED China, Ltd., ADR (A)(C)	15,800	261,490
Jardine Matheson Holdings, Ltd.	33,932	1,681,997
Kingboard Holdings, Ltd.	123,800	441,983
Kingboard Laminates Holdings, Ltd.	172,000	214,495
Kunlun Energy Company, Ltd.	717,390	574,805
Link REIT	331,025	2,178,637
MTR Corp., Ltd.	239,368	1,206,240
New World Development Company, Ltd.	236,314	643,286
Nine Dragons Paper Holdings, Ltd.	303,100	246,990
Orient Overseas International, Ltd.	24,500	393,549
Power Assets Holdings, Ltd.	216,500	1,158,011
Shenzhen International Holdings, Ltd.	235,500	204,683
Shimao Group Holdings, Ltd. (A)(D)	245,100	124,214
Sino Biopharmaceutical, Ltd.	1,898,875	980,374
Sino Land Company, Ltd.	533,075	683,590
SITC International Holdings Company, Ltd.	211,000	441,401
Sun Hung Kai Properties, Ltd.	230,500	3,150,109
Swire Pacific, Ltd., Class A	80,000	652,857
Swire Properties, Ltd.	181,200	476,828
Techtronic Industries Company, Ltd.	217,500	2,166,140
The Wharf Holdings, Ltd.	221,125	489,635
Vinda International Holdings, Ltd.	65,000	179,032
WH Group, Ltd. (B)	1,324,770	770,922
Wharf Real Estate Investment Company, Ltd.	264,125	1,448,152
Xinyi Glass Holdings, Ltd.	282,000	527,268
Yuexiu Property Company, Ltd.	253,700	373,636
		88,856,452
Hungary - 0.1%		
MOL Hungarian Oil & Gas PLC	76,878	583,787
OTP Bank NYRT	41,119	1,245,613
Richter Gedeon NYRT	26,056	546,177
		2,375,577
India - 2.8%		
ACC, Ltd.	10,291	215,203
Adani Enterprises, Ltd.	38,945	645,449
Adani Green Energy, Ltd. (A)	44,312	259,507
Adani Ports & Special Economic Zone, Ltd.	72,510	517,581
Adani Power, Ltd. (A)	109,970	194,234
Adani Total Gas, Ltd.	39,090	320,421
Adani Transmission, Ltd. (A)	39,078	303,221
Ambuja Cements, Ltd.	83,681	346,143
Apollo Hospitals Enterprise, Ltd.	14,316	758,451
Asian Paints, Ltd.	54,571	1,867,956
AU Small Finance Bank, Ltd. (B)	22,329	160,021
Aurobindo Pharma, Ltd.	38,644	215,355
Avenue Supermarts, Ltd. (A)(B)	23,022	956,571
Axis Bank, Ltd.	324,451	3,312,567
Bajaj Auto, Ltd.	9,980	440,188
Bajaj Finance, Ltd.	38,727	2,859,586

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
Bajaj Finserv, Ltd.	55,076	\$ 888,266
Balkrishna Industries, Ltd.	10,724	260,201
Bandhan Bank, Ltd. (A)(B)	93,939	261,747
Berger Paints India, Ltd.	32,389	227,776
Bharat Electronics, Ltd.	521,160	596,622
Bharat Forge, Ltd.	35,395	348,403
Bharat Petroleum Corp., Ltd.	123,485	472,631
Bharti Airtel, Ltd.	313,055	2,815,435
Biocon, Ltd.	59,574	165,278
Britannia Industries, Ltd.	15,255	824,224
Cholamandalam Investment and Finance Company, Ltd.	58,520	535,477
Cipla, Ltd.	69,273	758,462
Coal India, Ltd.	216,664	562,586
Colgate-Palmolive India, Ltd.	16,348	292,137
Container Corp. of India, Ltd.	38,969	278,371
Dabur India, Ltd.	87,852	566,481
Divi's Laboratories, Ltd.	18,806	644,434
DLF, Ltd.	88,237	374,939
Dr. Reddy's Laboratories, Ltd.	16,697	869,642
Eicher Motors, Ltd.	19,397	727,772
GAIL India, Ltd.	339,429	421,969
Godrej Consumer Products, Ltd. (A)	58,357	652,072
Godrej Properties, Ltd. (A)	17,780	237,411
Grasim Industries, Ltd.	37,377	709,570
Havells India, Ltd.	35,431	513,508
HCL Technologies, Ltd.	154,591	2,026,821
HDFC Life Insurance Company, Ltd. (B)	140,618	831,018
Hero MotoCorp, Ltd.	15,611	457,644
Hindalco Industries, Ltd.	193,376	933,426
Hindustan Petroleum Corp., Ltd.	90,435	235,830
Hindustan Unilever, Ltd.	117,393	3,487,930
Housing Development Finance Corp., Ltd.	246,047	7,758,098
ICICI Bank, Ltd.	734,869	7,595,200
ICICI Lombard General Insurance Company, Ltd. (B)	35,775	477,972
ICICI Prudential Life Insurance Company, Ltd. (B)	54,239	267,989
Indian Oil Corp., Ltd.	399,386	367,207
Indian Railway Catering & Tourism Corp., Ltd.	33,529	246,679
Indraprastha Gas, Ltd.	43,798	232,149
Indus Towers, Ltd.	96,067	200,291
Info Edge India, Ltd.	10,150	428,697
Infosys, Ltd.	479,740	8,631,700
InterGlobe Aviation, Ltd. (A)(B)	13,724	307,865
ITC, Ltd.	424,210	1,931,121
Jindal Steel & Power, Ltd.	58,180	386,671
JSW Steel, Ltd.	101,966	822,959
Jubilant Foodworks, Ltd.	55,669	297,993
Kotak Mahindra Bank, Ltd.	79,669	1,667,195
Larsen & Toubro, Ltd.	98,599	2,511,431
LTIMindtree, Ltd. (B)	14,319	813,789
Lupin, Ltd.	28,813	229,233
Mahindra & Mahindra, Ltd.	124,269	1,915,301
Marico, Ltd.	71,427	425,691
Maruti Suzuki India, Ltd.	17,202	1,798,889
Mphasis, Ltd.	11,904	294,977
MRF, Ltd.	267	274,351
Muthoot Finance, Ltd.	16,719	196,646
Nestle India, Ltd.	4,733	1,066,150
NTPC, Ltd.	555,155	1,141,695
Oil & Natural Gas Corp., Ltd.	360,159	660,620
Page Industries, Ltd.	865	396,811

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
Petronet LNG, Ltd.	102,472	\$ 274,928
PI Industries, Ltd.	10,525	393,725
Pidilite Industries, Ltd.	21,269	590,158
Piramal Enterprises, Ltd.	17,319	161,254
Piramal Pharma, Ltd. (A)	69,271	66,132
Power Grid Corp. of India, Ltd.	446,356	1,197,701
Reliance Industries, Ltd.	433,867	12,155,536
Samvardhana Motherson International, Ltd.	265,812	256,854
SBI Cards & Payment Services, Ltd.	33,483	303,921
SBI Life Insurance Company, Ltd. (B)	65,159	879,051
Shree Cement, Ltd.	1,522	474,240
Shriram Finance, Ltd.	27,215	397,853
Siemens, Ltd.	9,941	389,864
SRF, Ltd.	21,132	553,361
State Bank of India	256,942	1,622,102
Sun Pharmaceutical Industries, Ltd.	137,996	1,598,905
Tata Consultancy Services, Ltd.	131,683	5,297,128
Tata Consumer Products, Ltd.	78,081	675,792
Tata Elxsi, Ltd.	4,835	356,409
Tata Motors, Ltd. (A)	236,439	1,200,987
Tata Steel, Ltd.	1,047,291	1,319,045
Tech Mahindra, Ltd.	83,460	1,108,186
The Tata Power Company, Ltd.	204,224	499,574
Titan Company, Ltd.	50,643	1,450,801
Torrent Pharmaceuticals, Ltd.	14,296	253,146
Trent, Ltd.	25,422	391,427
UltraTech Cement, Ltd.	14,385	1,262,003
United Spirits, Ltd. (A)	41,782	373,341
UPL, Ltd.	70,024	589,846
Vedanta, Ltd.	105,962	343,611
Wipro, Ltd.	195,702	915,777
Yes Bank, Ltd. (A)	1,573,893	334,835
Zomato, Ltd. (A)	225,955	145,461
		117,528,861
Indonesia - 0.5%		
Adaro Energy Indonesia Tbk PT	2,571,145	503,746
Adaro Minerals Indonesia Tbk PT (A)	1,458,800	124,324
Aneka Tambang Tbk	1,485,600	193,860
Astra International Tbk PT	3,661,308	1,464,552
Bank Central Asia Tbk PT	9,856,850	5,653,287
Bank Jago Tbk PT (A)	736,600	121,170
Bank Mandiri Persero Tbk PT	3,345,556	2,193,181
Bank Negara Indonesia Persero Tbk PT	1,375,353	791,002
Bank Rakyat Indonesia Persero Tbk PT	12,166,210	3,723,657
Barito Pacific Tbk PT	5,075,860	311,164
Charoen Pokphand Indonesia Tbk PT	1,317,003	464,141
Gudang Garam Tbk PT	89,982	147,523
Indah Kiat Pulp & Paper Tbk PT	504,400	262,020
Indofood CBP Sukses Makmur Tbk PT	418,900	278,184
Indofood Sukses Makmur Tbk PT	812,417	344,919
Kalbe Farma Tbk PT	3,797,110	525,275
Merdeka Copper Gold Tbk PT (A)	2,137,000	636,095
Sarana Menara Nusantara Tbk PT	4,067,900	280,037
Semen Indonesia Persero Tbk PT	546,892	259,041
Sumber Alfaria Trijaya Tbk PT	2,969,000	564,620
Telkom Indonesia Persero Tbk PT	8,896,060	2,266,146
Tower Bersama Infrastructure Tbk PT	1,372,200	188,040
Unilever Indonesia Tbk PT	1,360,625	372,830
United Tractors Tbk PT	299,937	548,600
Vale Indonesia Tbk PT (A)	436,000	195,031
		22,412,445
Ireland - 0.7%		
AerCap Holdings NV (A)	16,500	1,030,260

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Ireland (continued)		
CRH PLC	120,421	\$ 5,656,583
DCC PLC	23,572	1,309,106
Experian PLC	221,463	7,466,423
Flutter Entertainment PLC (A)	26,135	4,196,185
James Hardie Industries PLC, CHESS Depository Interest	88,280	1,839,288
Kerry Group PLC, Class A	24,952	2,389,020
Kingspan Group PLC	24,120	1,565,579
Smurfit Kappa Group PLC	30,885	1,152,217
Smurfit Kappa Group PLC	8,098	301,227
		26,905,888
Israel - 0.4%		
Azrieli Group, Ltd.	6,405	359,455
Bank Hapoalim BM	191,846	1,604,643
Bank Leumi Le-Israel BM	233,842	1,818,011
Check Point Software Technologies, Ltd. (A)	15,600	1,930,032
CyberArk Software, Ltd. (A)	6,000	868,620
Elbit Systems, Ltd.	4,020	680,646
ICL Group, Ltd.	106,148	770,355
Israel Discount Bank, Ltd., Class A	187,420	889,024
Kornit Digital, Ltd. (A)	7,700	157,850
Mizrahi Tefahot Bank, Ltd.	23,146	688,291
Nice, Ltd. (A)	9,545	1,984,073
Teva Pharmaceutical Industries, Ltd., ADR (A)	168,036	1,665,237
Tower Semiconductor, Ltd. (A)	16,513	675,480
Wix.com, Ltd. (A)	8,600	778,558
ZIM Integrated Shipping Services, Ltd. (C)	12,900	305,214
		15,175,489
Italy - 0.9%		
Amplifon SpA	15,128	437,427
Assicurazioni Generali SpA	140,760	2,784,141
Davide Campari-Milano NV	62,004	694,173
DiaSorin SpA	3,036	365,982
Enel SpA	981,715	5,506,978
Eni SpA	304,139	4,295,658
Ferrari NV	15,186	3,939,942
FinecoBank Banca Fineco SpA	71,363	1,233,184
Infrastrutture Wireless Italiane SpA (B)	38,561	424,405
Intesa Sanpaolo SpA	1,990,359	5,376,513
Mediobanca Banca di Credito Finanziario SpA	72,608	774,836
Moncler SpA	24,817	1,512,742
Nexi SpA (A)(B)	62,984	508,322
Poste Italiane SpA (B)	65,923	710,831
Prysmian SpA	30,613	1,176,914
Recordati Industria Chimica e Farmaceutica SpA	12,308	521,939
Snam SpA	232,757	1,143,527
Telecom Italia SpA (A)	1,174,697	383,565
Terna - Rete Elettrica Nazionale	165,731	1,245,871
UniCredit SpA	254,296	5,202,513
		38,239,463
Japan - 9.6%		
Advantest Corp.	23,600	1,870,743
Aeon Company, Ltd.	80,300	1,497,745
AGC, Inc.	24,284	898,428
Aisin Corp.	18,300	501,485
Ajinomoto Company, Inc.	57,900	1,708,464
ANA Holdings, Inc. (A)	19,200	389,540
Asahi Group Holdings, Ltd.	56,861	2,010,852
Asahi Intecc Company, Ltd.	27,100	461,406

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Asahi Kasei Corp.	156,700	\$ 1,091,418
Astellas Pharma, Inc.	231,500	3,250,859
Azbil Corp.	14,200	369,284
Bandai Namco Holdings, Inc.	24,800	1,532,421
Bridgestone Corp.	70,600	2,701,005
Brother Industries, Ltd.	29,100	428,030
Canon, Inc.	124,296	2,675,129
Capcom Company, Ltd.	21,500	676,614
Central Japan Railway Company	17,788	1,997,146
Chubu Electric Power Company, Inc.	77,300	800,384
Chugai Pharmaceutical Company, Ltd.	83,500	2,077,270
Concordia Financial Group, Ltd.	135,500	582,143
CyberAgent, Inc.	52,600	449,721
Dai Nippon Printing Company, Ltd.	27,500	737,269
Daifuku Company, Ltd.	12,600	687,132
Dai-ichi Life Holdings, Inc.	128,200	2,735,060
Daiichi Sankyo Company, Ltd.	217,900	6,863,052
Daikin Industries, Ltd.	31,000	5,300,835
Daito Trust Construction Company, Ltd.	7,700	725,330
Daiwa House Industry Company, Ltd.	74,700	1,724,165
Daiwa House REIT Investment Corp.	260	536,688
Daiwa Securities Group, Inc.	173,418	828,929
Denso Corp.	53,816	2,861,326
Dentsu Group, Inc.	26,744	857,642
Disco Corp.	3,600	1,128,822
East Japan Railway Company	37,200	1,878,758
Eisai Company, Ltd.	31,254	1,688,115
ENEOS Holdings, Inc.	377,450	1,297,628
FANUC Corp.	23,900	4,062,306
Fast Retailing Company, Ltd.	21,900	4,323,407
Fuji Electric Company, Ltd.	15,800	610,036
FUJIFILM Holdings Corp.	44,715	2,086,039
Fujitsu, Ltd.	24,400	3,133,650
GLP J-REIT	509	534,498
GMO Payment Gateway, Inc.	5,300	435,319
Hakuhodo DY Holdings, Inc.	28,400	316,607
Hamamatsu Photonics KK	17,200	844,015
Hankyu Hanshin Holdings, Inc.	27,600	785,417
Hikari Tsushin, Inc.	2,600	377,387
Hirose Electric Company, Ltd.	3,630	443,818
Hitachi Construction Machinery Company, Ltd.	13,500	301,925
Hitachi, Ltd.	120,400	6,094,400
Honda Motor Company, Ltd.	203,027	5,279,347
Hoshizaki Corp.	13,200	467,949
Hoya Corp.	46,000	4,554,124
Hulic Company, Ltd.	46,200	367,693
Ibiden Company, Ltd.	13,900	476,792
Idemitsu Kosan Company, Ltd.	25,125	556,054
Iida Group Holdings Company, Ltd.	18,700	310,757
Impex Corp.	129,100	1,353,535
Isuzu Motors, Ltd.	72,500	866,986
Ito En, Ltd.	6,400	215,533
ITOCHU Corp.	147,937	4,421,940
Itochu Techno-Solutions Corp.	11,300	251,467
Japan Airlines Company, Ltd. (A)	17,500	329,524
Japan Exchange Group, Inc.	63,498	947,048
Japan Metropolitan Fund Investment Corp.	844	633,643
Japan Post Bank Company, Ltd. (C)	48,100	415,523
Japan Post Holdings Company, Ltd.	311,700	2,770,761
Japan Post Insurance Company, Ltd.	27,400	475,728
Japan Real Estate Investment Corp.	149	617,062
Japan Tobacco, Inc.	149,800	3,046,243
JFE Holdings, Inc.	62,200	771,777

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
JSR Corp.	22,700	\$ 515,738
Kajima Corp.	53,200	635,794
Kakaku.com, Inc.	16,500	245,779
Kao Corp.	59,100	2,201,592
KDDI Corp.	200,567	5,868,165
Keio Corp.	12,420	432,740
Keisei Electric Railway Company, Ltd.	16,735	483,746
Keyence Corp.	24,206	10,462,495
Kikkoman Corp.	18,000	841,579
Kintetsu Group Holdings Company, Ltd.	20,700	627,092
Kirin Holdings Company, Ltd.	102,227	1,530,184
Kobayashi Pharmaceutical Company, Ltd.	6,500	391,316
Kobe Bussan Company, Ltd.	18,500	505,721
Koei Tecmo Holdings Company, Ltd.	13,740	230,160
Koito Manufacturing Company, Ltd.	25,652	431,110
Komatsu, Ltd.	115,500	2,763,383
Konami Group Corp.	11,600	511,647
Kose Corp.	4,100	463,530
Kubota Corp.	127,400	1,922,946
Kurita Water Industries, Ltd.	12,889	582,328
Kyocera Corp.	39,900	1,963,716
Kyowa Kirin Company, Ltd.	33,128	708,953
Lasertec Corp.	9,400	1,528,397
Lixil Corp.	36,800	586,675
M3, Inc.	54,900	1,309,212
Makita Corp.	27,800	679,857
Marubeni Corp.	194,700	2,485,552
Mazda Motor Corp.	70,680	632,377
McDonald's Holdings Company Japan, Ltd.	10,000	395,877
MEIJI Holdings Company, Ltd.	14,100	645,720
MINEBEA MITSUMI, Inc.	45,400	786,828
MISUMI Group, Inc.	35,300	839,417
Mitsubishi Chemical Group Corp.	159,150	927,027
Mitsubishi Corp.	157,200	5,340,253
Mitsubishi Electric Corp.	241,018	2,708,372
Mitsubishi Estate Company, Ltd.	146,900	1,825,998
Mitsubishi HC Capital, Inc.	80,100	418,167
Mitsubishi Heavy Industries, Ltd.	40,040	1,475,461
Mitsubishi UFJ Financial Group, Inc.	1,478,600	10,482,525
Mitsui & Company, Ltd.	173,500	4,869,428
Mitsui Chemicals, Inc.	23,400	564,528
Mitsui Fudosan Company, Ltd.	113,304	2,159,419
Mitsui OSK Lines, Ltd.	43,100	1,125,777
Mizuho Financial Group, Inc.	298,660	4,655,305
MonotaRO Company, Ltd.	30,900	420,282
MS&AD Insurance Group Holdings, Inc.	57,268	1,874,046
Murata Manufacturing Company, Ltd.	71,397	3,821,695
NEC Corp.	30,400	1,087,964
Nexon Company, Ltd.	61,400	1,331,907
NGK Insulators, Ltd.	30,100	399,546
Nidec Corp.	58,000	2,943,470
Nihon M&A Center Holdings, Inc.	37,700	314,329
Nintendo Company, Ltd.	136,690	5,117,274
Nippon Building Fund, Inc.	185	780,857
Nippon Express Holdings, Inc.	9,580	534,421
Nippon Paint Holdings Company, Ltd.	103,000	900,067
Nippon Prologis REIT, Inc.	255	543,937
Nippon Sanso Holdings Corp.	21,100	376,171
Nippon Shinyaku Company, Ltd.	6,000	268,705
Nippon Steel Corp.	101,278	2,263,337
Nippon Telegraph & Telephone Corp.	148,300	4,297,262
Nippon Yusen KK	60,800	1,580,374
Nissan Chemical Corp.	16,000	702,620

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Nissan Motor Company, Ltd.	289,325	\$ 1,123,270
Nisshin Seifun Group, Inc.	23,700	273,856
Nissin Foods Holdings Company, Ltd.	7,617	634,346
Nitori Holdings Company, Ltd.	10,000	1,130,062
Nitto Denko Corp.	17,744	1,068,285
Nomura Holdings, Inc.	371,700	1,531,890
Nomura Real Estate Holdings, Inc.	14,400	321,040
Nomura Real Estate Master Fund, Inc.	508	563,095
Nomura Research Institute, Ltd.	41,500	927,188
NTT Data Corp.	78,100	1,083,610
Obayashi Corp.	81,100	599,898
Obic Company, Ltd.	8,500	1,245,330
Odakyu Electric Railway Company, Ltd.	35,100	425,511
Oji Holdings Corp.	99,900	405,362
Olympus Corp.	153,424	2,584,535
Omron Corp.	23,067	1,238,311
Ono Pharmaceutical Company, Ltd.	46,200	941,000
Open House Group Company, Ltd.	10,200	367,123
Oracle Corp.	4,600	313,409
Oriental Land Company, Ltd.	24,900	3,976,155
ORIX Corp.	150,700	2,700,997
Osaka Gas Company, Ltd.	45,800	743,945
Otsuka Corp.	13,900	468,572
Otsuka Holdings Company, Ltd.	48,500	1,469,353
Pan Pacific International Holdings Corp.	47,100	860,930
Panasonic Holdings Corp.	275,320	2,404,102
Persol Holdings Company, Ltd.	22,100	442,629
Rakuten Group, Inc.	105,842	521,715
Recruit Holdings Company, Ltd.	179,300	4,808,079
Renesas Electronics Corp. (A)	146,100	1,887,246
Resona Holdings, Inc.	269,900	1,486,577
Ricoh Company, Ltd.	71,000	551,594
Rohm Company, Ltd.	11,000	847,140
SBI Holdings, Inc.	31,964	688,993
SCSK Corp.	18,400	266,985
Secom Company, Ltd.	25,994	1,511,667
Seiko Epson Corp.	34,569	476,627
Sekisui Chemical Company, Ltd.	46,600	624,729
Sekisui House, Ltd.	76,700	1,452,180
Seven & i Holdings Company, Ltd.	93,646	4,186,610
SG Holdings Company, Ltd.	35,200	507,526
Sharp Corp.	30,040	207,264
Shimadzu Corp.	29,200	843,267
Shimano, Inc.	9,100	1,415,050
Shimizu Corp.	67,900	366,516
Shin-Etsu Chemical Company, Ltd.	46,637	6,465,341
Shionogi & Company, Ltd.	33,063	1,464,758
Shiseido Company, Ltd.	49,800	2,294,663
Shizuoka Financial Group, Inc.	52,400	418,702
SMC Corp.	7,096	3,606,942
SoftBank Corp.	354,900	4,003,617
SoftBank Group Corp.	149,952	6,064,252
Sompo Holdings, Inc.	39,960	1,715,527
Sony Group Corp.	156,800	13,111,065
Square Enix Holdings Company, Ltd.	10,600	472,488
Subaru Corp.	76,500	1,225,625
SUMCO Corp.	43,900	605,751
Sumitomo Chemical Company, Ltd.	186,700	654,196
Sumitomo Corp.	141,455	2,410,787
Sumitomo Electric Industries, Ltd.	89,400	1,100,153
Sumitomo Metal Mining Company, Ltd.	30,900	1,150,261
Sumitomo Mitsui Financial Group, Inc.	161,379	7,048,044
Sumitomo Mitsui Trust Holdings, Inc.	41,838	1,550,099

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Sumitomo Realty & Development Company, Ltd.	38,383	\$ 906,152
Suntory Beverage & Food, Ltd.	17,100	599,852
Suzuki Motor Corp.	45,800	1,607,172
Sysmex Corp.	20,800	1,245,941
T&D Holdings, Inc.	69,700	1,055,551
Taisei Corp.	24,000	782,477
Takeda Pharmaceutical Company, Ltd.	186,824	5,758,719
TDK Corp.	48,600	1,627,197
Terumo Corp.	80,346	2,159,972
The Chiba Bank, Ltd.	65,300	478,122
The Kansai Electric Power Company, Inc.	84,800	796,590
TIS, Inc.	27,700	687,631
Tobu Railway Company, Ltd.	22,200	495,638
Toho Company, Ltd.	13,500	469,933
Tokio Marine Holdings, Inc.	238,142	5,055,905
Tokyo Electric Power Company Holdings, Inc. (A)	190,200	630,192
Tokyo Electron, Ltd.	18,615	6,386,845
Tokyo Gas Company, Ltd.	48,900	943,157
Tokyu Corp.	64,493	776,946
Toppan, Inc.	32,900	594,979
Toray Industries, Inc.	173,300	992,214
Toshiba Corp.	48,400	1,497,868
Tosoh Corp.	33,200	451,825
TOTO, Ltd.	17,700	591,505
Toyota Industries Corp.	18,229	1,069,499
Toyota Motor Corp.	1,317,700	17,959,695
Toyota Tsusho Corp.	26,693	1,088,635
Trend Micro, Inc.	16,400	771,139
Unicharm Corp.	50,188	1,857,576
USS Company, Ltd.	26,900	436,416
Welcia Holdings Company, Ltd.	11,200	245,181
West Japan Railway Company	27,000	1,047,953
Yakult Honsha Company, Ltd.	15,700	1,070,208
Yamaha Corp.	17,400	660,206
Yamaha Motor Company, Ltd.	37,500	959,446
Yamato Holdings Company, Ltd.	35,700	602,999
Yaskawa Electric Corp.	30,000	1,180,321
Yokogawa Electric Corp.	28,500	425,655
Z Holdings Corp.	331,007	888,638
ZOZO, Inc.	15,500	344,498
		396,675,586
Jordan - 0.0%		
Hikma Pharmaceuticals PLC	41,733	870,701
Luxembourg - 0.2%		
ArcelorMittal SA	107,950	3,239,510
Aroundtown SA	150,506	389,916
Eurofins Scientific SE	23,690	1,651,063
Reinet Investments SCA	23,211	459,468
Tenaris SA	57,028	938,231
		6,678,188
Macau - 0.0%		
Sands China, Ltd. (A)	381,252	1,323,178
Malaysia - 0.6%		
AMMB Holdings BHD	520,100	464,635
Axiata Group BHD	777,800	549,330
CIMB Group Holdings BHD	1,898,000	2,372,754
Dialog Group BHD	1,035,900	519,462
DiGi.Com BHD	871,600	834,976
Genting BHD	609,000	632,305
Genting Malaysia BHD	836,900	503,447
HAP Seng Consolidated BHD	176,900	240,411

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Malaysia (continued)		
Hartalega Holdings BHD	494,800	\$ 162,058
Hong Leong Bank BHD	186,800	854,985
Hong Leong Financial Group BHD	64,200	260,641
IHH Healthcare BHD	502,000	647,639
Inari Amertron BHD	798,300	435,534
IOI Corp. BHD	717,100	612,023
Kuala Lumpur Kepong BHD	123,800	573,646
Malayan Banking BHD	1,351,800	2,650,750
Malaysia Airports Holdings BHD (A)	178,300	269,806
Maxis BHD	669,300	583,063
MISC BHD	376,700	634,357
Mr. D.I.Y Group M BHD (B)	659,100	249,607
Nestle Malaysia BHD	18,300	551,003
Petronas Chemicals Group BHD	687,600	1,096,860
Petronas Dagangan BHD	81,000	379,605
Petronas Gas BHD	219,300	814,046
PPB Group BHD	182,700	712,349
Press Metal Aluminium Holdings BHD	1,029,100	1,182,930
Public Bank BHD	4,150,100	3,819,370
QL Resources BHD	307,150	397,729
RHB Bank BHD	412,400	521,967
Sime Darby BHD	788,700	398,965
Sime Darby Plantation BHD	595,200	561,231
Telekom Malaysia BHD	319,100	357,671
Tenaga Nasional BHD	736,500	1,537,930
Top Glove Corp. BHD (A)	1,524,100	256,363
		26,639,448
Mexico - 0.8%		
Alfa SAB de CV, Class A	569,300	373,383
America Movil SAB de CV, Series L	5,471,000	5,618,566
Arca Continental SAB de CV	85,942	727,922
Cemex SAB de CV, Series CPO (A)	2,950,436	1,467,437
Coca-Cola Femsa SAB de CV	103,058	744,863
Fibra Uno Administracion SA de CV	617,800	881,293
Fomento Economico Mexicano SAB de CV	377,386	3,475,503
Gruma SAB de CV, Class B	40,488	596,350
Grupo Aeroportuario del Pacifico SAB de CV, B Shares	70,600	1,339,303
Grupo Aeroportuario del Sureste SAB de CV, B Shares	37,885	1,084,712
Grupo Bimbo SAB de CV, Series A	260,500	1,241,954
Grupo Carso SAB de CV, Series A1	86,800	416,103
Grupo Financiero Banorte SAB de CV, Series O	502,350	4,252,396
Grupo Financiero Inbursa SAB de CV, Series O (A)	421,200	880,315
Grupo Mexico SAB de CV, Series B	601,300	2,704,396
Grupo Televisa SAB, Series CPO	470,597	470,173
Industrias Penoles SAB de CV (A)	25,050	299,713
Kimberly-Clark de Mexico SAB de CV, Class A	294,335	588,783
Operadora de Sites Mexicanos SAB de CV, Class A1	244,400	243,378
Orbia Advance Corp. SAB de CV	197,015	409,288
Promotora y Operadora de Infraestructura SAB de CV	44,855	437,506
Sitios Latinoamerica SAB de CV (A)(C)	273,555	110,639
Wal-Mart de Mexico SAB de CV	1,013,100	3,992,267
		32,356,243
Netherlands - 2.1%		
ABN AMRO Bank NV (B)	50,517	891,430
Adyen NV (A)(B)	2,615	3,706,571

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Netherlands (continued)		
Aegon NV	235,313	\$ 1,224,388
Akzo Nobel NV	21,905	1,602,455
Argenx SE (A)	4,060	1,477,858
ASM International NV	5,661	1,929,639
ASML Holding NV	49,047	30,230,367
Euronext NV (B)	15,252	1,112,479
EXOR NV (A)	13,262	1,094,303
Heineken Holding NV	11,929	1,020,513
Heineken NV	31,290	3,189,336
IMCD NV	6,806	1,077,328
ING Groep NV	467,686	6,545,306
JDE Peet's NV	11,773	346,562
Just Eat Takeaway.com NV (A)(B)	22,029	479,137
Koninklijke Ahold Delhaize NV	125,812	3,994,761
Koninklijke DSM NV	21,085	2,598,300
Koninklijke KPN NV	394,841	1,353,516
Koninklijke Philips NV	107,231	1,750,734
NEPI Rockcastle NV	72,849	436,412
NN Group NV	36,268	1,468,001
OCI NV	12,229	406,218
Prosus NV (A)	100,162	7,180,519
QIAGEN NV (A)	35,217	1,621,019
Randstad NV	14,427	885,242
Stellantis NV	266,869	4,668,674
Universal Music Group NV	87,118	2,052,612
Wolters Kluwer NV	31,488	3,645,282
		87,988,962
New Zealand - 0.2%		
Auckland International Airport, Ltd. (A)	273,325	1,476,905
Fisher & Paykel Healthcare Corp., Ltd.	124,391	1,991,054
Mercury NZ, Ltd.	145,051	562,220
Meridian Energy, Ltd.	278,245	913,295
Spark New Zealand, Ltd.	406,702	1,255,720
Xero, Ltd. (A)	26,709	1,391,111
		7,590,305
Norway - 0.4%		
Adevinta ASA (A)	46,514	347,575
Aker BP ASA	49,347	1,324,504
DNB Bank ASA	148,480	2,962,951
Equinor ASA	155,123	4,748,835
Gjensidige Forsikring ASA	34,441	610,463
Kongsberg Gruppen ASA	14,061	584,317
Mowi ASA	65,939	1,138,421
Norsk Hydro ASA	215,364	1,567,584
Orkla ASA	120,201	809,045
Salmar ASA	9,265	384,082
Telenor ASA	110,223	1,235,914
Yara International ASA	26,443	1,257,069
		16,970,760
Peru - 0.1%		
Cia de Minas Buenaventura SAA, ADR	59,500	451,010
Credicorp, Ltd.	20,353	2,593,379
		3,044,389
Philippines - 0.2%		
Aboitiz Equity Ventures, Inc.	299,510	292,146
ACEN Corp.	1,292,060	147,853
Ayala Corp.	43,710	492,813
Ayala Land, Inc.	1,316,580	676,728
Bank of the Philippine Islands	321,900	638,297
BDO Unibank, Inc.	414,990	924,255

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Philippines (continued)		
Converge Information and Communications Technology Solutions, Inc. (A)	397,100	\$ 116,512
Globe Telecom, Inc.	4,655	149,149
GT Capital Holdings, Inc.	15,743	147,528
International Container Terminal Services, Inc.	177,250	639,407
JG Summit Holdings, Inc.	522,932	465,164
Jollibee Foods Corp.	75,410	326,776
Manila Electric Company	39,080	224,349
Metro Pacific Investments Corp.	1,801,200	132,732
Metropolitan Bank & Trust Company	335,029	351,935
Monde Nissin Corp. (B)	1,110,500	241,801
PLDT, Inc.	15,235	353,479
SM Investments Corp.	42,855	658,793
SM Prime Holdings, Inc.	2,030,600	1,248,070
Universal Robina Corp.	157,830	389,201
		8,616,988
Poland - 0.2%		
Allegro.eu SA (A)(B)	59,535	388,042
Bank Polska Kasa Opieki SA	30,215	608,022
CD Projekt SA	10,605	315,499
Cyfrowy Polsat SA	41,568	161,017
Dino Polska SA (A)(B)	8,015	669,120
KGHM Polska Miedz SA	23,311	664,806
LPP SA	183	386,540
mBank SA (A)	2,350	173,065
Orange Polska SA	109,748	165,722
PGE Polska Grupa Energetyczna SA (A)	149,528	224,341
Polski Koncern Naftowy ORLEN SA	94,022	1,404,273
Powszechna Kasa Oszczednosci Bank Polski SA	148,643	1,037,269
Powszechny Zaklad Ubezpieczen SA	105,863	870,402
Santander Bank Polska SA	5,765	386,858
		7,454,976
Portugal - 0.1%		
EDP - Energias de Portugal SA	330,243	1,663,009
Galp Energia SGPS SA	58,486	713,500
Jeronimo Martins SGPS SA	33,620	690,081
		3,066,590
Qatar - 0.2%		
Barwa Real Estate Company	298,286	225,092
Commercial Bank PSQC	301,346	508,479
Industries Qatar QSC	238,558	912,389
Masraf Al Rayan QSC	862,850	639,126
Mesaieed Petrochemical Holding Company	702,909	405,311
Ooredoo QPSC	124,560	314,774
Qatar Electricity & Water Company QSC	68,919	329,977
Qatar Fuel QSC	72,288	322,202
Qatar Gas Transport Company, Ltd.	377,389	378,102
Qatar International Islamic Bank QSC	107,570	309,576
Qatar Islamic Bank SAQ	258,204	1,318,312
Qatar National Bank QPSC	718,626	3,325,379
		8,988,719
Saudi Arabia - 1.1%		
ACWA Power Company	15,465	573,904
Advanced Petrochemical Company	24,516	315,497
Al Rajhi Bank (A)	376,617	7,043,015
Alinma Bank	187,279	1,467,373
Almarai Company JSC	47,407	662,452
Arab National Bank	115,773	709,192
Bank AlBilad (A)	94,309	894,695

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Saudi Arabia (continued)		
Bank Al-Jazira	78,268	\$ 377,096
Banque Saudi Fransi	113,923	990,864
Bupa Arabia for Cooperative Insurance Company	14,648	602,471
Dar Al Arkan Real Estate Development Company (A)	101,972	389,854
Dr Sulaiman Al Habib Medical Services Group Company	16,700	1,030,600
Elm Company	4,672	471,349
Emaar Economic City (A)	71,719	144,154
Etihad Etisalat Company	72,520	754,870
Jarir Marketing Company	11,099	436,976
Mobile Telecommunications Company Saudi Arabia (A)	82,592	228,165
Mouwasat Medical Services Company	9,335	449,010
National Industrialization Company (A)	63,682	204,391
Rabigh Refining & Petrochemical Company (A)	78,245	210,930
Riyad Bank	259,648	1,799,514
SABIC Agri-Nutrients Company	41,026	1,459,389
Sahara International Petrochemical Company	69,263	652,615
Saudi Arabian Mining Company (A)	165,010	2,790,994
Saudi Arabian Oil Company (B)	463,400	3,914,710
Saudi Basic Industries Corp.	173,146	4,080,230
Saudi Electricity Company	159,033	939,921
Saudi Industrial Investment Group	71,603	426,349
Saudi Kayan Petrochemical Company (A)	141,177	476,835
Saudi Research & Media Group (A)	6,819	338,068
Saudi Tadawul Group Holding Company	7,088	269,336
Saudi Telecom Company	288,163	2,696,558
The Saudi British Bank	177,207	1,563,435
The Saudi Investment Bank	94,599	398,139
The Saudi National Bank	420,962	5,294,698
The Savola Group	49,980	361,872
Yanbu National Petrochemical Company	48,688	544,436
		45,963,957
Singapore - 0.6%		
BOC Aviation, Ltd. (B)	37,800	273,086
CapitaLand Ascendas REIT	404,500	830,787
CapitaLand Integrated Commercial Trust	636,021	914,917
CapitaLand Investment, Ltd.	313,000	863,253
City Developments, Ltd.	48,600	278,009
DBS Group Holdings, Ltd.	217,472	5,517,512
Genting Singapore, Ltd.	744,100	562,891
Grab Holdings, Ltd., Class A (A)	130,700	419,547
JOYY, Inc., ADR	10,300	323,420
Keppel Corp., Ltd.	178,531	724,981
Mapletree Logistics Trust	387,000	484,900
Mapletree Pan Asia Commercial Trust	277,500	353,982
Oversea-Chinese Banking Corp., Ltd.	415,078	3,901,108
Sea, Ltd., ADR (A)	43,400	2,712,066
Sembcorp Marine, Ltd. (A)	3,409,942	320,902
Singapore Airlines, Ltd.	159,340	672,744
Singapore Exchange, Ltd.	102,800	663,919
Singapore Technologies Engineering, Ltd.	183,600	486,168
Singapore Telecommunications, Ltd.	1,004,248	1,764,341
Super Hi International Holding, Ltd. (A)	20,100	44,812
United Overseas Bank, Ltd.	143,857	3,188,682
UOL Group, Ltd.	56,800	287,651
Venture Corp., Ltd.	33,900	431,703
Wilmar International, Ltd.	236,200	690,095
		26,711,476

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Africa - 0.8%		
Absa Group, Ltd.	131,106	\$ 1,415,500
African Rainbow Minerals, Ltd.	18,348	253,952
Anglo American Platinum, Ltd.	8,317	459,901
AngloGold Ashanti, Ltd.	65,306	1,099,918
Aspen Pharmacare Holdings, Ltd.	62,753	484,568
Bid Corp., Ltd.	53,499	1,170,104
Capitec Bank Holdings, Ltd.	13,806	1,317,152
Clicks Group, Ltd.	38,105	555,118
Discovery, Ltd. (A)	85,524	696,949
Exxaro Resources, Ltd.	38,906	425,838
FirstRand, Ltd.	814,416	2,904,829
Gold Fields, Ltd.	140,629	1,276,226
Grindrod, Ltd.	26,393	14,762
Growthpoint Properties, Ltd.	550,537	402,678
Harmony Gold Mining Company, Ltd.	83,833	257,506
Impala Platinum Holdings, Ltd.	135,624	1,266,306
Kumba Iron Ore, Ltd.	10,152	264,743
Momentum Metropolitan Holdings	34,197	36,978
Mr. Price Group, Ltd.	40,690	337,446
MTN Group, Ltd.	272,309	2,145,645
MultiChoice Group (C)	58,448	450,453
Naspers, Ltd., N Shares	35,044	6,162,265
Nedbank Group, Ltd.	73,866	926,836
Northam Platinum Holdings, Ltd. (A)	53,203	438,391
Old Mutual, Ltd.	790,574	512,801
Pepkor Holdings, Ltd. (B)	265,157	270,835
Remgro, Ltd.	85,875	653,639
Sanlam, Ltd.	295,980	963,231
Sasol, Ltd.	91,248	1,338,010
Shoprite Holdings, Ltd.	79,772	965,975
Sibanye Stillwater, Ltd.	449,415	907,399
Standard Bank Group, Ltd.	218,252	2,180,124
The Bidvest Group, Ltd.	45,830	584,418
The Foschini Group, Ltd.	52,650	290,809
The SPAR Group, Ltd.	29,658	232,572
Vodacom Group, Ltd.	101,897	702,240
Woolworths Holdings, Ltd.	156,013	654,171
		35,020,288
South Korea - 3.3%		
Alteogen, Inc. (A)	6,304	178,965
Amorepacific Corp.	5,557	580,895
AMOREPACIFIC Group	5,359	162,087
BGF retail Company, Ltd.	1,413	193,262
Celltrion Healthcare Company, Ltd.	16,890	694,656
Celltrion Pharm, Inc. (A)	3,221	139,301
Celltrion, Inc.	19,551	2,144,172
Cheil Worldwide, Inc.	12,373	187,070
CJ CheilJedang Corp.	1,568	380,486
CJ Corp.	2,668	175,157
CJ ENM Company, Ltd. (A)	1,957	136,948
CJ Logistics Corp.	1,618	99,901
Coway Company, Ltd.	10,437	421,089
DB Insurance Company, Ltd.	9,515	553,716
Doosan Bobcat, Inc.	9,655	276,406
Doosan Enerbility Company, Ltd. (A)	76,304	936,594
Ecopro BM Company, Ltd.	9,230	1,159,119
E-MART, Inc.	4,111	347,749
F&F Company, Ltd.	3,271	342,779
Green Cross Corp.	1,103	99,780
GS Engineering & Construction Corp.	12,489	209,647
GS Holdings Corp.	9,124	280,429
Hana Financial Group, Inc.	57,679	1,978,233

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Hankook Tire & Technology Company, Ltd.	14,216	\$ 399,890
Hanmi Pharm Company, Ltd. (A)	1,301	254,588
Hanon Systems	33,640	229,342
Hanwha Solutions Corp. (A)	21,905	688,584
HD Hyundai Company, Ltd.	8,704	390,909
HLB, Inc. (A)	19,110	465,791
HMM Company, Ltd. (A)	51,202	871,104
Hotel Shilla Company, Ltd.	5,612	339,824
HYBE Company, Ltd. (A)	3,145	439,441
Hyundai Engineering & Construction Company, Ltd.	14,868	408,584
Hyundai Glovis Company, Ltd.	3,601	431,264
Hyundai Heavy Industries Company, Ltd.	3,366	270,145
Hyundai Mobis Company, Ltd.	11,783	1,892,631
Hyundai Motor Company	26,570	3,536,281
Hyundai Steel Company	16,622	439,615
Iljin Materials Company, Ltd. (A)	4,376	210,099
Industrial Bank of Korea	52,379	410,736
Kakao Corp.	59,482	2,799,952
Kakao Games Corp. (A)	6,614	244,843
KakaoBank Corp. (A)	22,340	449,364
Kangwon Land, Inc. (A)	18,073	275,698
KB Financial Group, Inc.	76,016	2,944,030
Kia Corp.	50,304	2,858,783
Korea Aerospace Industries, Ltd. (A)	13,954	475,127
Korea Electric Power Corp.	47,367	644,229
Korea Investment Holdings Company, Ltd. (A)	8,593	402,275
Korea Shipbuilding & Offshore Engineering Company, Ltd.	7,959	488,533
Korea Zinc Company, Ltd.	1,598	705,590
Korean Air Lines Company, Ltd.	32,918	565,620
Krafton, Inc. (A)	4,668	597,870
KT&G Corp.	20,986	1,408,245
Kumho Petrochemical Company, Ltd. (A)	3,514	417,834
L&F Company, Ltd.	4,304	851,622
LG Chem, Ltd.	9,452	4,852,114
LG Corp.	18,234	1,134,485
LG Display Company, Ltd.	43,963	508,159
LG Electronics, Inc.	20,335	1,705,614
LG Energy Solution, Ltd. (A)	4,018	1,587,161
LG H&H Company, Ltd.	1,796	906,274
LG Innotek Company, Ltd.	2,715	567,313
LG Uplus Corp.	39,525	330,626
Lotte Chemical Corp.	3,298	444,023
Lotte Shopping Company, Ltd.	2,112	138,813
Meritz Financial Group, Inc.	15,830	538,153
Meritz Securities Company, Ltd.	55,106	292,421
Mirae Asset Securities Company, Ltd.	58,068	313,538
NAVER Corp.	25,035	3,935,553
NCSOFT Corp.	3,140	1,030,275
Netmarble Corp. (A)(B)	3,956	184,395
NH Investment & Securities Company, Ltd. (A)	32,696	234,688
Orion Corp.	4,507	426,021
Pan Ocean Company, Ltd.	50,839	242,902
Pearl Abyss Corp. (A)	5,604	189,490
POSCO Chemical Company, Ltd.	5,110	852,589
POSCO Holdings, Inc.	15,049	3,627,162
S-I Corp.	2,897	123,511
Samsung Biologics Company, Ltd. (A)(B)	3,353	1,958,953
Samsung C&T Corp.	16,164	1,344,576

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Samsung Electro-Mechanics Company, Ltd.	10,700	\$ 1,163,369
Samsung Electronics Company, Ltd.	912,458	41,749,448
Samsung Engineering Company, Ltd. (A)	29,709	589,047
Samsung Fire & Marine Insurance Company, Ltd.	6,200	1,005,554
Samsung Heavy Industries Company, Ltd. (A)	114,736	476,431
Samsung Life Insurance Company, Ltd.	15,998	823,870
Samsung SDI Company, Ltd.	10,494	5,513,296
Samsung SDS Company, Ltd.	6,562	620,603
Samsung Securities Company, Ltd.	13,328	337,301
SD Biosensor, Inc.	7,019	121,879
Seegene, Inc.	7,043	129,608
Shinhan Financial Group Company, Ltd.	88,651	2,603,239
SK Biopharmaceuticals Company, Ltd. (A)	5,819	293,201
SK Bioscience Company, Ltd. (A)	4,403	231,662
SK Chemicals Company, Ltd.	2,187	129,329
SK Hynix, Inc.	104,350	7,052,472
SK IE Technology Company, Ltd. (A)(B)	4,730	233,188
SK Innovation Company, Ltd. (A)	10,541	1,192,245
SK Square Company, Ltd. (A)	19,030	551,010
SK Telecom Company, Ltd.	4,914	167,533
SK, Inc.	7,033	948,542
SKC Company, Ltd.	3,922	290,087
S-Oil Corp.	8,491	514,838
Woori Financial Group, Inc.	98,257	905,829
Yuhan Corp.	9,964	396,833
		134,996,107
Spain - 1.2%		
Acciona SA	2,997	564,649
ACS Actividades de Construcción y Servicios SA	29,757	902,099
Aena SME SA (A)(B)	9,075	1,403,959
Amadeus IT Group SA (A)	55,138	3,467,229
Banco Bilbao Vizcaya Argentaria SA	817,882	6,357,410
Banco Santander SA (C)	2,124,853	8,366,392
CaixaBank SA	536,396	2,303,210
Cellnex Telecom SA (A)(B)	66,366	2,489,966
EDP Renováveis SA	34,230	700,507
Enagas SA	28,255	506,793
Endesa SA (C)	38,233	749,748
Ferrovial SA	58,973	1,636,843
Grifols SA (A)	36,604	445,919
Iberdrola SA	729,747	8,365,385
Industria de Diseño Textil SA (C)	133,915	4,125,478
Mapfre SA	16,181	34,715
Naturgy Energy Group SA	17,147	471,707
Red Eléctrica Corp. SA	48,487	804,330
Repsol SA	178,471	2,822,484
Siemens Gamesa Renewable Energy SA (A)(C)	28,976	553,194
Telefonica SA	660,940	2,696,284
		49,768,301
Sweden - 1.3%		
Alfa Laval AB	33,305	1,095,494
Alleima AB (A)	24,130	130,459
Assa Abloy AB, B Shares	113,705	2,766,871
Atlas Copco AB, A Shares	299,537	3,556,171
Atlas Copco AB, B Shares	181,600	1,913,065
Boliden AB	31,003	1,269,168
Electrolux AB, Series B	25,572	309,440
Embracer Group AB (A)(C)	70,817	341,374

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Sweden (continued)		
Epiroc AB, A Shares	74,091	\$ 1,423,872
Epiroc AB, B Shares	44,071	725,053
EQT AB	34,081	762,202
Essity AB, B Shares	68,768	1,854,851
Evolution AB (B)	20,679	2,495,267
Fastighets AB Balder, B Shares (A)	71,706	354,720
Getinge AB, B Shares	26,031	559,490
Hennes & Mauritz AB, B Shares	82,710	1,042,178
Hexagon AB, B Shares	220,379	2,442,368
Holmen AB, B Shares	10,509	424,324
Husqvarna AB, B Shares	47,510	420,656
Industrivarden AB, A Shares	19,090	524,737
Industrivarden AB, C Shares	13,080	358,610
Indutrade AB	29,954	637,135
Investment AB Latour, B Shares	16,318	337,598
Investor AB, A Shares	51,150	1,048,517
Investor AB, B Shares	212,880	4,112,070
Kinnevik AB, B Shares (A)	27,517	409,229
L.E. Lundbergforetagen AB, B Shares	8,569	397,544
Lifco AB, B Shares	26,018	519,762
Nibe Industrier AB, B Shares	171,285	1,771,041
Sagax AB, B Shares	21,356	525,384
Sandvik AB	120,674	2,482,497
Securitas AB, B Shares	35,990	309,930
Sinch AB (A)(B)	62,800	214,297
Skandinaviska Enskilda Banken AB, A Shares	184,087	2,303,205
Skanska AB, B Shares (C)	38,668	702,753
SKF AB, B Shares	43,445	825,156
Svenska Cellulosa AB SCA, B Shares	68,227	952,135
Svenska Handelsbanken AB, A Shares	162,107	1,719,463
Swedbank AB, A Shares	100,969	2,063,053
Swedish Orphan Biovitrum AB (A)	19,179	441,831
Tele2 AB, B Shares	63,052	579,562
Telefonaktiebolaget LM Ericsson, B Shares	329,948	1,827,121
Telia Company AB	297,602	768,523
Volvo AB, A Shares	10,565	219,940
Volvo AB, B Shares	183,636	3,674,396
Volvo Car AB, B Shares (A)	67,234	316,996
		53,929,508
Switzerland - 5.5%		
ABB, Ltd.	229,766	7,645,940
Accelleron Industries AG (A)	11,488	283,173
Adecco Group AG	22,482	801,625
Alcon, Inc.	70,127	4,781,456
Bachem Holding AG	4,320	430,575
Baloise Holding AG	7,105	1,183,173
Barry Callebaut AG	486	967,696
Chocoladefabriken Lindt & Spruengli AG	14	1,550,805
Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	152	1,665,258
Cie Financiere Richemont SA, A Shares	73,185	11,057,986
Clariant AG (A)	29,782	481,713
Coca-Cola HBC AG (A)	48,183	1,233,937
Credit Suisse Group AG	373,820	1,126,947
EMS-Chemie Holding AG	933	706,952
Geberit AG	4,958	2,675,822
Givaudan SA	1,288	3,882,393
Glencore PLC	2,377,306	14,173,159
Holcim, Ltd. (A)	77,686	4,795,169
Julius Baer Group, Ltd.	31,618	2,096,206
Kuehne + Nagel International AG	7,541	1,930,778
Logitech International SA	24,025	1,312,257

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Switzerland (continued)		
Lonza Group AG	10,444	\$ 6,220,882
Nestle SA	394,270	44,422,655
Novartis AG	307,135	25,848,520
Partners Group Holding AG	3,201	3,031,136
Roche Holding AG	98,547	28,414,941
Roche Holding AG, Bearer Shares (C)	3,632	1,125,124
Schindler Holding AG	2,554	550,404
Schindler Holding AG, Participation Certificates	6,289	1,414,418
SGS SA	868	1,989,748
Sika AG	20,345	5,705,250
Sonova Holding AG	7,517	1,848,706
STMicroelectronics NV	120,513	5,772,753
Straumann Holding AG	15,623	2,071,231
Swiss Life Holding AG	4,583	2,757,829
Swiss Prime Site AG	10,339	871,229
Swiss Re AG	43,432	4,537,240
Swisscom AG	3,553	2,192,354
Temenos AG	8,830	649,465
The Swatch Group AG	3,571	227,478
The Swatch Group AG, Bearer Shares	4,725	1,644,277
UBS Group AG	495,482	10,769,423
VAT Group AG (B)	3,738	1,128,303
Zurich Insurance Group AG	21,432	10,166,340
		228,142,726
Taiwan - 2.4%		
Accton Technology Corp.	54,000	494,544
Acer, Inc.	309,000	256,234
Advantech Company, Ltd.	44,265	513,476
ASE Technology Holding Company, Ltd.	357,000	1,229,321
Asia Cement Corp.	244,000	357,738
ASMedia Technology, Inc.	3,000	96,306
Asustek Computer, Inc.	77,000	697,416
AUO Corp.	691,800	420,995
Catcher Technology Company, Ltd.	74,000	447,185
Cathay Financial Holding Company, Ltd.	882,000	1,250,756
Chailease Holding Company, Ltd.	146,760	1,075,706
Chang Hwa Commercial Bank, Ltd.	501,061	285,952
Cheng Shin Rubber Industry Company, Ltd.	179,000	200,592
China Airlines, Ltd.	299,000	197,888
China Development Financial Holding Corp.	1,727,548	743,837
China Steel Corp.	1,252,000	1,287,970
Chunghwa Telecom Company, Ltd.	409,000	1,546,369
Compal Electronics, Inc.	442,000	349,555
CTBC Financial Holding Company, Ltd.	1,868,000	1,386,867
Delta Electronics, Inc.	208,000	1,945,990
E Ink Holdings, Inc.	92,000	582,168
E.Sun Financial Holding Company, Ltd.	1,350,684	1,102,331
Eclat Textile Company, Ltd.	20,340	319,748
eMemory Technology, Inc.	7,000	420,695
Eva Airways Corp.	275,000	254,692
Evergreen Marine Corp. Taiwan, Ltd.	108,560	554,767
Far Eastern New Century Corp.	329,000	349,753
Far EasTone Telecommunications Company, Ltd.	164,000	370,058
Feng TAY Enterprise Company, Ltd.	45,920	276,622
First Financial Holding Company, Ltd.	1,104,876	968,238
Formosa Chemicals & Fibre Corp.	374,000	867,921
Formosa Petrochemical Corp.	112,000	311,567
Formosa Plastics Corp.	444,000	1,318,045
Fubon Financial Holding Company, Ltd.	809,255	1,582,429

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Giant Manufacturing Company, Ltd.	32,000	\$ 212,902
Globalwafers Company, Ltd.	23,000	380,305
Hon Hai Precision Industry Company, Ltd.	1,336,800	4,422,139
Hotai Motor Company, Ltd.	32,000	644,981
Hua Nan Financial Holdings Company, Ltd.	911,104	680,926
Innolux Corp.	964,550	462,048
Inventec Corp.	249,000	216,309
Largan Precision Company, Ltd.	11,000	790,791
Lite-On Technology Corp.	212,000	482,413
MediaTek, Inc.	162,000	3,803,603
Mega Financial Holding Company, Ltd.	1,189,225	1,297,340
Micro-Star International Company, Ltd.	73,000	325,659
momo.com, Inc.	7,200	185,045
Nan Ya Plastics Corp.	512,000	1,259,739
Nan Ya Printed Circuit Board Corp.	24,000	181,918
Nanya Technology Corp.	135,000	256,975
Nien Made Enterprise Company, Ltd.	18,000	191,649
Novatek Microelectronics Corp.	62,000	819,368
Pegatron Corp.	212,000	469,705
Pou Chen Corp.	246,000	269,554
Powerchip Semiconductor Manufacturing Corp.	281,000	305,672
President Chain Store Corp.	59,000	515,526
Quanta Computer, Inc.	287,000	751,213
Realtek Semiconductor Corp.	48,000	591,742
Ruentex Development Company, Ltd.	185,464	268,679
Shin Kong Financial Holding Company, Ltd.	1,508,988	438,091
SinoPac Financial Holdings Company, Ltd.	1,083,777	606,729
Synnex Technology International Corp.	148,000	301,980
Taishin Financial Holding Company, Ltd.	1,130,172	606,963
Taiwan Cement Corp.	643,442	824,874
Taiwan Cooperative Financial Holding Company, Ltd.	1,014,840	882,801
Taiwan High Speed Rail Corp.	172,000	165,380
Taiwan Mobile Company, Ltd.	177,000	560,721
Taiwan Semiconductor Manufacturing Company, Ltd.	2,630,816	43,523,945
The Shanghai Commercial & Savings Bank, Ltd.	370,000	574,370
Unimicron Technology Corp.	134,000	553,448
Uni-President Enterprises Corp.	511,000	1,128,062
United Microelectronics Corp.	1,270,000	2,068,455
Vanguard International Semiconductor Corp.	96,000	289,224
Voltronic Power Technology Corp.	7,000	365,497
Walsin Lihwa Corp.	278,000	512,023
Wan Hai Lines, Ltd.	76,545	198,100
Win Semiconductors Corp.	36,000	197,589
Winbond Electronics Corp.	322,000	241,063
Wiyynn Corp.	10,000	313,575
WPG Holdings, Ltd.	164,960	266,644
Yageo Corp.	36,646	642,243
Yang Ming Marine Transport Corp.	187,000	393,592
Yuanta Financial Holding Company, Ltd.	1,065,834	792,502
Zhen Ding Technology Holding, Ltd.	74,000	270,891
		100,568,694
Thailand - 0.6%		
Advanced Info Service PCL, NVDR	215,200	1,229,714
Airports of Thailand PCL, NVDR (A)	772,700	1,590,198
Asset World Corp. PCL	96,000	16,019
Asset World Corp. PCL, NVDR	1,377,500	229,854

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Thailand (continued)		
B. Grimm Power PCL, NVDR	163,500	\$ 180,503
Bangkok Commercial Asset Management PCL, NVDR	318,900	133,530
Bangkok Dusit Medical Services PCL, NVDR	1,872,600	1,483,274
Bangkok Expressway & Metro PCL, NVDR	1,313,300	343,746
Berli Jucker PCL, NVDR	214,700	233,801
BTS Group Holdings PCL, NVDR	1,376,000	313,343
Bumrungrad Hospital PCL, NVDR	86,500	516,319
Carabao Group PCL, NVDR	52,900	151,182
Central Pattana PCL, NVDR	366,500	728,168
Central Retail Corp. PCL, NVDR	315,533	399,245
Charoen Pokphand Foods PCL, NVDR	706,400	443,681
CP ALL PCL, NVDR	1,055,000	1,850,353
Delta Electronics Thailand PCL, NVDR	56,300	1,451,528
Electricity Generating PCL, NVDR	49,300	238,495
Energy Absolute PCL, NVDR	303,200	671,443
Global Power Synergy PCL, NVDR	128,300	246,818
Gulf Energy Development PCL, NVDR	525,100	780,342
Home Product Center PCL, NVDR	1,048,600	415,135
Indorama Ventures PCL, NVDR	308,600	320,719
Intouch Holdings PCL, NVDR	201,800	403,891
JMT Network Services PCL, NVDR	116,100	152,681
Krung Thai Bank PCL, NVDR	674,000	329,894
Krunghai Card PCL, NVDR	159,400	264,872
Land & Houses PCL, NVDR	1,565,100	433,957
Minor International PCL, NVDR (A)	554,100	524,933
Muangthai Capital PCL, NVDR	135,400	133,990
Osotspa PCL, NVDR	249,600	227,699
PTT Exploration & Production PCL, NVDR	246,900	1,044,991
PTT Global Chemical PCL, NVDR	425,600	568,710
PTT Oil & Retail Business PCL, NVDR	533,500	330,589
PTT PCL, NVDR	1,816,200	1,630,551
Ratch Group PCL, NVDR	222,400	256,463
SCB X PCL, NVDR	155,100	456,257
SCG Packaging PCL, NVDR	248,300	365,226
Srisawad Corp. PCL, NVDR	128,200	195,740
Thai Oil PCL, NVDR	194,800	277,797
Thai Union Group PCL, NVDR	519,400	233,643
The Siam Cement PCL, NVDR	142,200	1,315,427
True Corp. PCL, NVDR (D)	2,094,300	300,310
		23,415,031
Turkey - 0.1%		
Akbank TAS	374,755	346,527
Aselsan Elektronik Sanayi Ve Ticaret AS	81,750	238,637
BIM Birlesik Magazalar AS	50,934	367,351
Eregli Demir ve Celik Fabrikalari TAS	162,670	379,161
Ford Otomotiv Sanayi AS	7,735	225,635
Haci Omer Sabanci Holding AS	121,332	279,947
KOC Holding AS	92,725	379,805
Petkim Petrokimya Holding AS (A)	1	1
Turk Hava Yollari AO (A)	67,594	513,589
Turkcell Iletisim Hizmetleri AS	142,114	239,569
Turkiye Is Bankasi AS, Class C	451,883	271,192
Turkiye Petrol Rafinerileri AS (A)	13,457	421,982
Turkiye Sise ve Cam Fabrikalari AS	162,781	407,283
		4,070,679
United Arab Emirates - 0.3%		
Abu Dhabi Commercial Bank PJSC	507,736	1,157,570
Abu Dhabi Islamic Bank PJSC	263,772	749,300

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Arab Emirates (continued)		
Abu Dhabi National Oil Company for		
Distribution PJSC	556,954	\$ 654,406
Aldar Properties PJSC	704,786	900,657
Dubai Islamic Bank PJSC	530,047	827,893
Emaar Properties PJSC	744,577	1,133,993
Emirates NBD Bank PJSC	344,365	1,273,570
Emirates Telecommunications Group		
Company PJSC	634,247	4,400,711
First Abu Dhabi Bank PJSC	803,729	3,079,307
NMC Health PLC (A)	5,577	11
		14,177,418
United Kingdom - 13.1%		
3i Group PLC	237,295	4,642,493
abrdn PLC	557,705	1,502,577
Admiral Group PLC	43,835	1,159,961
Anglo American PLC	305,524	10,557,286
Ashtead Group PLC	107,011	7,080,836
Associated British Foods PLC	85,435	2,059,478
AstraZeneca PLC	372,516	48,530,606
Auto Trader Group PLC (B)	226,140	1,617,370
Aviva PLC	698,911	3,754,832
BAE Systems PLC	756,754	8,173,086
Barclays PLC	4,012,702	8,420,997
Barratt Developments PLC	247,817	1,393,344
BP PLC	4,675,908	30,727,840
British American Tobacco PLC	523,778	19,822,767
BT Group PLC	1,668,369	2,796,945
Bunzl PLC	80,808	2,879,259
Burberry Group PLC	95,971	2,849,814
CNH Industrial NV	124,427	2,039,648
Coca-Cola Europacific Partners PLC	24,878	1,368,290
Compass Group PLC	428,926	9,908,952
Croda International PLC	33,538	2,644,871
Diageo PLC	556,723	23,625,326
Entain PLC	140,966	2,302,070
Ferguson PLC	52,557	7,566,143
GSK PLC	978,123	16,756,124
Haleon PLC (A)	1,220,737	4,723,826
Halma PLC	91,311	2,376,504
Hargreaves Lansdown PLC	85,741	854,319
HSBC Holdings PLC	4,872,569	37,324,060
Imperial Brands PLC	217,380	5,236,955
Informa PLC	358,299	2,878,231
InterContinental Hotels Group PLC	44,332	2,988,473
Intertek Group PLC	38,543	1,934,566
J Sainsbury PLC	416,334	1,342,703
JD Sports Fashion PLC	618,140	1,345,793
Johnson Matthey PLC	44,736	1,173,643
Kingfisher PLC	492,378	1,702,818
Land Securities Group PLC	168,075	1,387,829
Legal & General Group PLC	1,464,539	4,507,990
Lloyds Banking Group PLC	17,090,103	10,792,909
London Stock Exchange Group PLC	79,174	7,064,038
M&G PLC	617,163	1,589,547
Melrose Industries PLC	1,049,325	1,889,655
Mondi PLC	116,855	1,963,784
National Grid PLC	874,053	10,969,106
NatWest Group PLC	1,255,917	4,411,959
Next PLC	31,625	2,601,528
Ocado Group PLC (A)	138,372	914,364
Pearson PLC	162,880	1,801,723
Persimmon PLC	76,982	1,342,462
Phoenix Group Holdings PLC	181,064	1,379,339

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Kingdom (continued)		
Prudential PLC	665,409	\$ 10,169,398
Reckitt Benckiser Group PLC	171,687	11,912,489
RELX PLC	464,429	14,005,067
Rentokil Initial PLC	445,950	2,743,095
Rio Tinto PLC	270,078	18,533,958
Rolls-Royce Holdings PLC (A)	2,005,621	3,494,387
Schroders PLC	186,801	1,115,008
Segro PLC	289,544	2,859,848
Severn Trent PLC	58,823	1,942,877
Shell PLC	1,829,401	55,409,518
Smith & Nephew PLC	211,354	3,015,713
Smiths Group PLC	92,663	1,965,013
Spirax-Sarco Engineering PLC	17,666	2,481,030
SSE PLC	255,829	5,354,229
St. James's Place PLC	132,381	2,037,947
Standard Chartered PLC	624,574	5,909,839
Taylor Wimpey PLC	886,861	1,311,877
Tesco PLC	1,832,088	5,612,387
The Berkeley Group Holdings PLC	26,958	1,357,028
The British Land Company PLC	209,276	1,122,499
The Sage Group PLC	242,901	2,188,565
Unilever PLC	615,685	30,653,385
United Utilities Group PLC	160,664	1,961,767
Vodafone Group PLC	6,483,409	7,763,061
Whitbread PLC	48,268	1,790,186
WPP PLC	274,215	3,372,617
		540,761,827
United States - 0.1%		
Bausch Health Companies, Inc. (A)	62,338	580,664
BeiGene, Ltd., ADR (A)	8,564	1,923,731
Brookfield Renewable Corp., Class A (C)	28,682	798,766
International Flavors & Fragrances, Inc.	0	0
Legend Biotech Corp., ADR (A)	8,940	412,849
Parade Technologies, Ltd.	7,924	246,405
Southern Copper Corp.	24,000	1,768,560
		5,730,975
TOTAL COMMON STOCKS (Cost \$4,050,051,784)		\$ 3,814,065,785
PREFERRED SECURITIES - 0.9%		
Brazil - 0.4%		
Banco Bradesco SA	999,087	2,496,072
Braskem SA, A Shares	35,300	135,659
Centrais Eletricas Brasileiras SA, B Shares	50,600	347,646
Cia Energetica de Minas Gerais	256,594	513,634
Gerdau SA	210,400	1,150,570
Itau Unibanco Holding SA	887,900	4,312,771
Itausa SA	944,040	1,484,008
Petroleo Brasileiro SA	880,600	4,245,355
		14,685,715
Chile - 0.1%		
Sociedad Quimica y Minera de Chile SA, B Shares	26,613	2,375,228
Colombia - 0.0%		
Bancolombia SA	160,116	1,015,505
Germany - 0.2%		
Bayerische Motoren Werke AG	8,651	819,386
Henkel AG & Company KGaA	28,488	2,072,450
Porsche Automobil Holding SE	23,490	1,333,261
Sartorius AG	3,712	1,576,735
Volkswagen AG	28,435	3,870,723
		9,672,555

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
South Korea - 0.2%		
Hyundai Motor Company	4,277	\$ 297,778
Hyundai Motor Company, 2nd Preferred	6,920	491,632
LG Chem, Ltd. (A)	1,443	320,097
LG H&H Company, Ltd. (A)	382	82,548
Samsung Electronics Company, Ltd.	156,595	6,314,546
		7,506,601
TOTAL PREFERRED SECURITIES (Cost \$43,024,183)		\$ 35,255,604
RIGHTS - 0.0%		
Link REIT (Expiration Date: 3-22-23; Strike Price: HKD 44.20) (A)	66,205	62,415
Shell PLC (Expiration Date: 3-3-23) (A)(E)	1,829,401	525,319
SinoPac Financial Holdings Company, Ltd. (Expiration Date: 3-8-23; Strike Price: TWD 15.00) (A)	57,115	4,124
TOTAL RIGHTS (Cost \$525,953)		\$ 591,858
WARRANTS - 0.0%		
BTS Group Holdings PCL (Expiration Date: 11-20-26; Strike Price: THB 14.90) (A)	100,920	770
BTS Group Holdings PCL (Expiration Date: 11-7-24; Strike Price: THB 11.90) (A)	50,460	285
Cie Financiere Richemont SA (Expiration Date: 11-22-23; Strike Price: CHF 67.00) (A)	72,322	84,466
Minor International PCL (Expiration Date: 2-15-24; Strike Price: THB 31.00) (A)	5,503	666
Minor International PCL (Expiration Date: 5-5-23; Strike Price: THB 28.00) (A)	6,072	919
Minor International PCL (Expiration Date: 7-31-23; Strike Price: THB 21.60) (A)	12,759	4,259
Srisawad Corp. PCL (Expiration Date: 8-29-25; Strike Price: THB 100.00) (A)	2,652	315
TOTAL WARRANTS (Cost \$0)		\$ 91,680
SHORT-TERM INVESTMENTS - 6.9%		
U.S. Government Agency - 6.0%		
Federal Home Loan Mortgage Corp. Discount Note		
4.305%, 03/01/2023 *	\$ 126,400,000	\$ 126,400,000
4.320%, 03/06/2023 *	76,000,000	75,953,481

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS (continued)		
U.S. Government Agency (continued)		
Federal National Mortgage Association Discount Note		
4.480%, 04/03/2023 *	\$ 45,000,000	\$ 44,808,667
		247,162,148
Short-term funds - 0.9%		
John Hancock Collateral Trust, 4.5832% (F)(G)	3,793,806	37,920,984
TOTAL SHORT-TERM INVESTMENTS (Cost \$285,092,815)		\$ 285,083,132
Total Investments (International Strategic Equity Allocation Fund)		
(Cost \$4,378,694,735) - 100.3%		\$ 4,135,088,059
Other assets and liabilities, net - (0.3%)		(11,491,452)
TOTAL NET ASSETS - 100.0%		\$ 4,123,596,607

Currency Abbreviations

CHF	Swiss Franc
HKD	Hong Kong Dollar
THB	Thai Bhat

Security Abbreviations and Legend

ADR	American Depositary Receipt
NVDR	Non-Voting Depositary Receipt
(A)	Non-income producing security.
(B)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(C)	All or a portion of this security is on loan as of 2-28-23.
(D)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.
(E)	Strike price and/or expiration date not available.
(F)	The rate shown is the annualized seven-day yield as of 2-28-23.
(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.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis^	Notional value^	Unrealized appreciation (depreciation)
Canadian Dollar Currency Futures	355	Long	Mar 2023	\$26,315,315	\$26,016,175	\$(299,140)
Mini MSCI EAFE Index Futures	1,650	Long	Mar 2023	169,497,246	168,786,750	(710,496)
Mini MSCI Emerging Markets Index Futures	1,471	Long	Mar 2023	73,609,391	70,777,165	(2,832,226)
S&P/TSX 60 Index Futures	150	Long	Mar 2023	26,929,546	26,779,040	(150,506)
						\$(3,992,368)

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

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

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Mid Value Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 95.4%		
Communication services – 4.9%		
Entertainment – 1.0%		
Madison Square Garden Entertainment Corp. (A)	131,596	\$ 7,965,506
Madison Square Garden Sports Corp.	32,059	6,127,757
		14,093,263
Media – 3.9%		
DISH Network Corp., Class A (A)	321,841	3,672,206
News Corp., Class A	1,556,321	26,690,905
News Corp., Class B	124,474	2,148,421
Paramount Global, Class B (B)	536,038	11,481,934
Scholastic Corp.	262,295	11,963,275
		55,956,741
		70,050,004
Consumer discretionary – 8.8%		
Automobiles – 1.0%		
General Motors Company	373,000	14,450,020
Diversified consumer services – 1.7%		
Bright Horizons Family Solutions, Inc. (A)	165,858	13,076,245
Strategic Education, Inc.	127,955	10,908,164
		23,984,409
Hotels, restaurants and leisure – 0.9%		
Compass Group PLC	552,726	12,768,956
Household durables – 0.7%		
Mohawk Industries, Inc. (A)	96,447	9,919,574
Specialty retail – 2.4%		
Bath & Body Works, Inc.	211,023	8,624,510
Best Buy Company, Inc.	137,662	11,441,089
Burlington Stores, Inc. (A)	69,788	14,952,079
		35,017,678
Textiles, apparel and luxury goods – 2.1%		
adidas AG	39,704	5,929,664
Ralph Lauren Corp.	206,498	24,405,999
		30,335,663
		126,476,300
Consumer staples – 7.2%		
Beverages – 2.4%		
Carlsberg A/S, Class B	63,717	9,003,906
Constellation Brands, Inc., Class A	67,703	15,145,161
Monster Beverage Corp. (A)	106,238	10,810,779
		34,959,846
Food and staples retailing – 1.4%		
Sysco Corp.	267,030	19,912,427
Food products – 2.9%		
Bunge, Ltd.	118,659	11,331,935
Flowers Foods, Inc.	904,579	25,219,663
Tyson Foods, Inc., Class A	84,200	4,988,008
		41,539,606
Household products – 0.5%		
Kimberly-Clark Corp.	52,918	6,617,396
		103,029,275
Energy – 8.6%		
Energy equipment and services – 6.0%		
Expro Group Holdings NV (A)	595,930	13,545,489
NOV, Inc.	483,639	10,582,021
SEACOR Marine Holdings, Inc. (A)	358,073	3,720,378
TechnipFMC PLC (A)	2,298,014	35,136,634

Mid Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Energy equipment and services (continued)		
Tidewater, Inc. (A)(B)	465,380	\$ 22,729,159
		85,713,681
Oil, gas and consumable fuels – 2.6%		
Cameco Corp.	504,131	13,782,942
Equitrans Midstream Corp.	1,161,926	7,006,414
Imperial Oil, Ltd.	144,443	7,129,706
Suncor Energy, Inc.	280,600	9,428,160
		37,347,222
		123,060,903
Financials – 14.9%		
Banks – 5.2%		
Fifth Third Bancorp	842,621	30,587,142
Popular, Inc.	226,682	16,185,095
Signature Bank	81,336	9,357,707
Webster Financial Corp.	349,098	18,544,086
		74,674,030
Capital markets – 2.5%		
Main Street Capital Corp. (B)	214,783	9,126,130
Open Lending Corp., Class A (A)	709,566	5,023,727
State Street Corp.	241,955	21,456,569
		35,606,426
Consumer finance – 0.8%		
OneMain Holdings, Inc.	259,926	11,200,211
Diversified financial services – 1.9%		
Apollo Global Management, Inc.	172,992	12,265,133
Corebridge Financial, Inc.	174,456	3,527,500
Jackson Financial, Inc., Class A (B)	264,730	12,013,447
		27,806,080
Insurance – 4.5%		
Brown & Brown, Inc.	213,769	11,986,028
CNA Financial Corp.	296,428	12,977,618
Kemper Corp.	284,723	17,538,937
RenaissanceRe Holdings, Ltd.	100,569	21,612,278
		64,114,861
		213,401,608
Health care – 10.4%		
Health care equipment and supplies – 3.5%		
Baxter International, Inc.	72,300	2,888,385
Dentsply Sirona, Inc.	362,724	13,808,903
Koninklijke Philips NV	795,637	12,990,193
Zimmer Biomet Holdings, Inc.	166,867	20,669,815
		50,357,296
Health care providers and services – 4.9%		
Cardinal Health, Inc.	141,857	10,739,993
Centene Corp. (A)	148,386	10,149,602
Fresenius SE & Company KGaA	251,237	6,913,336
Patterson Companies, Inc.	264,461	7,013,506
Select Medical Holdings Corp.	1,302,731	35,421,253
		70,237,690
Life sciences tools and services – 1.2%		
Charles River Laboratories International, Inc. (A)	77,664	17,034,822
Pharmaceuticals – 0.8%		
Elanco Animal Health, Inc. (A)	445,280	5,107,362
Viatis, Inc.	645,437	7,357,982
		12,465,344
		150,095,152
Industrials – 14.4%		
Aerospace and defense – 4.0%		
Rolls-Royce Holdings PLC (A)	10,061,254	17,529,701

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Mid Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Aerospace and defense (continued)		
Spirit AeroSystems Holdings, Inc., Class A (B)	433,955	\$ 14,832,582
Textron, Inc.	339,305	24,609,792
		56,972,075
Air freight and logistics – 0.7%		
CH Robinson Worldwide, Inc.	101,326	10,128,547
Airlines – 0.9%		
Southwest Airlines Company (A)	393,966	13,229,378
Building products – 1.4%		
Armstrong World Industries, Inc.	36,800	2,901,680
Fortune Brands Innovations, Inc.	94,632	5,862,452
Trane Technologies PLC	63,806	11,802,196
		20,566,328
Electrical equipment – 0.7%		
Rockwell Automation, Inc.	34,107	10,059,178
Machinery – 4.8%		
Alstom SA (B)	355,453	10,431,909
Esab Corp.	56,842	3,333,783
PACCAR, Inc.	176,604	12,750,809
Stanley Black & Decker, Inc.	337,389	28,883,872
The Middleby Corp. (A)	90,418	14,059,095
		69,459,468
Road and rail – 1.2%		
JB Hunt Transport Services, Inc.	91,483	16,539,212
Trading companies and distributors – 0.7%		
Ashtead Group PLC	147,108	9,734,027
		206,688,213
Information technology – 8.4%		
Communications equipment – 1.6%		
Arista Networks, Inc. (A)	93,910	13,025,317
Motorola Solutions, Inc.	39,354	10,342,625
		23,367,942
Electronic equipment, instruments and components – 1.0%		
Corning, Inc.	401,005	13,614,120
IT services – 2.0%		
FleetCor Technologies, Inc. (A)	35,660	7,659,411
Global Payments, Inc.	125,799	14,114,648
SS&C Technologies Holdings, Inc.	115,400	6,773,980
		28,548,039
Semiconductors and semiconductor equipment – 1.7%		
Marvell Technology, Inc.	348,525	15,735,904
MKS Instruments, Inc.	85,985	8,334,526
		24,070,430
Technology hardware, storage and peripherals – 2.1%		
Western Digital Corp. (A)	796,637	30,654,592
		120,255,123
Materials – 6.6%		
Chemicals – 1.5%		
Corteva, Inc.	66,128	4,119,113
PPG Industries, Inc.	25,995	3,432,900
The Scotts Miracle-Gro Company (B)	173,705	14,330,663
		21,882,676
Construction materials – 1.8%		
Summit Materials, Inc., Class A (A)	540,232	15,958,453
Vulcan Materials Company	52,797	9,551,505
		25,509,958
Containers and packaging – 1.5%		
Ball Corp.	170,015	9,556,543

Mid Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Containers and packaging (continued)		
Westrock Company	384,180	\$ 12,063,252
		21,619,795
Metals and mining – 1.8%		
Franco-Nevada Corp.	80,616	10,290,135
Freeport-McMoRan, Inc.	157,236	6,441,959
Fresnillo PLC	983,143	9,027,530
		25,759,624
		94,772,053
Real estate – 5.9%		
Equity real estate investment trusts – 5.9%		
Apartment Investment and Management Company, Class A	1,018,891	7,641,683
Digital Realty Trust, Inc.	65,013	6,776,305
Equity Residential	123,110	7,696,837
Omega Healthcare Investors, Inc.	64,100	1,717,239
Rayonier, Inc.	365,527	12,274,397
Regency Centers Corp.	189,604	11,926,092
Rexford Industrial Realty, Inc.	197,235	11,924,828
SBA Communications Corp.	17,900	4,642,365
Simon Property Group, Inc.	28,600	3,491,774
Vornado Realty Trust	234,707	4,642,504
Weyerhaeuser Company	390,959	12,217,469
		84,951,493
Utilities – 5.3%		
Electric utilities – 4.2%		
Evergy, Inc.	133,400	7,845,254
FirstEnergy Corp.	681,197	26,934,529
PG&E Corp. (A)	1,632,732	25,503,274
		60,283,057
Multi-utilities – 1.1%		
Ameren Corp.	118,600	9,809,406
CenterPoint Energy, Inc.	236,143	6,569,498
		16,378,904
		76,661,961
TOTAL COMMON STOCKS (Cost \$1,081,788,637)		\$ 1,369,442,085
SHORT-TERM INVESTMENTS – 6.7%		
Short-term funds – 6.7%		
John Hancock Collateral Trust, 4.5832% (C)(D)	2,834,190	28,329,148
State Street Institutional U.S. Government Money Market Fund, Premier Class, 4.4192% (C)	2,008,910	2,008,910
T. Rowe Price Government Reserve Fund, 4.5920% (C)	66,148,640	66,148,640
TOTAL SHORT-TERM INVESTMENTS (Cost \$96,480,107)		\$ 96,486,698
Total Investments (Mid Value Fund) (Cost \$1,178,268,744) – 102.1%		\$ 1,465,928,783
Other assets and liabilities, net – (2.1%)		(30,200,896)
TOTAL NET ASSETS – 100.0%		\$ 1,435,727,887

Security Abbreviations and Legend

- (A) Non-income producing security.
- (B) All or a portion of this security is on loan as of 2-28-23.
- (C) The rate shown is the annualized seven-day yield as of 2-28-23.
- (D) Investment is an affiliate of the fund, the advisor and/or subadvisor.
This security represents the investment of cash collateral received for securities lending.

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

Science & Technology Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 96.1%		
Communication services – 14.3%		
Entertainment – 1.1%		
Activision Blizzard, Inc.	18,300	\$ 1,395,375
Interactive media and services – 13.2%		
Alphabet, Inc., Class A (A)	86,006	7,745,700
Baidu, Inc., ADR (A)	15,740	2,167,241
Meta Platforms, Inc., Class A (A)	31,827	5,567,815
Pinterest, Inc., Class A (A)	53,099	1,333,316
VK Company, Ltd., GDR (A)(B)	159,991	29,438
		16,843,510
		18,238,885
Consumer discretionary – 22.2%		
Automobiles – 0.1%		
Rivian Automotive, Inc., Class A (A)(C)	9,137	176,344
Hotels, restaurants and leisure – 2.9%		
Booking Holdings, Inc. (A)	1,248	3,149,952
Tongcheng Travel Holdings, Ltd. (A)	253,200	502,596
		3,652,548
Internet and direct marketing retail – 18.3%		
Alibaba Group Holding, Ltd., ADR (A)	31,335	2,750,900
Amazon.com, Inc. (A)	70,416	6,635,300
Coupang, Inc. (A)	50,810	788,063
Deliveroo PLC (A)(D)	585,423	580,942
Delivery Hero SE (A)(D)	52,325	2,102,714
D-Market Elektronik Hizmetler ve Ticaret AS, ADR (A)	56,458	50,129
DoorDash, Inc., Class A (A)	12,689	693,581
Etsy, Inc. (A)	11,475	1,393,180
JD.com, Inc., ADR	28,458	1,264,674
MercadoLibre, Inc. (A)	278	339,160
Naspers, Ltd., N Shares	3,852	677,350
Wayfair, Inc., Class A (A)(C)	4,598	186,173
Zalando SE (A)(D)	146,063	5,787,024
		23,249,190
Specialty retail – 0.9%		
Auto1 Group SE (A)(D)	94,148	715,318
Warby Parker, Inc., Class A (A)(C)	34,397	447,505
		1,162,823
		28,240,905
Health care – 0.3%		
Health care technology – 0.3%		
Veeva Systems, Inc., Class A (A)	2,364	391,620
Information technology – 59.0%		
Communications equipment – 1.7%		
Arista Networks, Inc. (A)	15,128	2,098,254
IT services – 4.1%		
Accenture PLC, Class A	17,955	4,767,950
MongoDB, Inc. (A)	1,862	390,126
		5,158,076
Semiconductors and semiconductor equipment – 18.4%		
Advanced Micro Devices, Inc. (A)	52,404	4,117,906
ASML Holding NV, NYRS	1,014	626,378
Lam Research Corp.	4,330	2,104,423
Marvell Technology, Inc.	31,194	1,408,409
Micron Technology, Inc.	24,075	1,392,017
NVIDIA Corp.	21,790	5,058,766
Qualcomm, Inc.	31,068	3,837,830
Texas Instruments, Inc.	28,400	4,869,180
		23,414,909
Software – 28.6%		
Adobe, Inc. (A)	2,022	655,027

Science & Technology Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Fortinet, Inc. (A)	49,159	\$ 2,922,011
Gen Digital, Inc.	43,128	841,427
HubSpot, Inc. (A)	685	264,999
Intuit, Inc.	2,933	1,194,259
Microsoft Corp.	51,384	12,816,199
Qualtrics International, Inc., Class A (A)	59,421	1,005,403
salesforce.com, Inc. (A)	81,387	13,315,727
TeamViewer AG (A)(D)	41,736	672,808
Workday, Inc., Class A (A)	7,604	1,410,314
Zoom Video Communications, Inc., Class A (A)	18,104	1,350,377
		36,448,551
Technology hardware, storage and peripherals – 6.2%		
Apple, Inc.	21,647	3,190,984
Pure Storage, Inc., Class A (A)	104,395	2,979,433
Samsung Electronics Company, Ltd.	25,641	1,173,201
Western Digital Corp. (A)	15,405	592,784
		7,936,402
		75,056,192
Real estate – 0.3%		
Real estate management and development – 0.3%		
KE Holdings, Inc., ADR (A)	20,747	378,633
Opendoor Technologies, Inc. (A)	34,006	48,969
		427,602
TOTAL COMMON STOCKS (Cost \$117,375,119)		\$ 122,355,204
SHORT-TERM INVESTMENTS – 5.2%		
Short-term funds – 5.2%		
John Hancock Collateral Trust, 4.5832% (E)(F)	63,572	635,436
State Street Institutional U.S. Government Money Market Fund, Premier Class, 4.4192% (E)	2,006,757	2,006,757
T. Rowe Price Government Reserve Fund, 4.5920% (E)	3,951,391	3,951,391
TOTAL SHORT-TERM INVESTMENTS (Cost \$6,593,612)		\$ 6,593,584
Total Investments (Science & Technology Fund)		\$ 128,948,788
(Cost \$123,968,731) – 101.3%		(1,613,456)
Other assets and liabilities, net – (1.3%)		\$ 127,335,332
TOTAL NET ASSETS – 100.0%		\$ 127,335,332

Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global Depositary Receipt
NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.
(C)	All or a portion of this security is on loan as of 2-28-23.
(D)	These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(E)	The rate shown is the annualized seven-day yield as of 2-28-23.
(F)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 98.1%		
Communication services – 7.5%		
Diversified telecommunication services – 0.9%		
AT&T, Inc.	895,307	\$ 16,930,255
Lumen Technologies, Inc.	125,382	426,299
Verizon Communications, Inc.	533,862	20,719,184
		38,075,738
Entertainment – 1.4%		
Activision Blizzard, Inc.	88,844	6,774,355
Electronic Arts, Inc.	32,494	3,604,884
Live Nation Entertainment, Inc. (A)	17,946	1,293,189
Netflix, Inc. (A)	56,802	18,297,628
Take-Two Interactive Software, Inc. (A)	19,528	2,139,292
The Walt Disney Company (A)	232,454	23,154,743
Warner Brothers Discovery, Inc. (A)	282,331	4,410,010
		59,674,101
Interactive media and services – 4.2%		
Alphabet, Inc., Class A (A)	758,809	68,338,339
Alphabet, Inc., Class C (A)	672,581	60,734,064
Match Group, Inc. (A)	35,474	1,469,333
Meta Platforms, Inc., Class A (A)	278,496	48,720,090
		179,261,826
Media – 0.8%		
Charter Communications, Inc., Class A (A)	13,846	5,089,928
Comcast Corp., Class A (B)	551,061	20,482,937
DISH Network Corp., Class A (A)	33,418	381,299
Fox Corp., Class A	38,225	1,338,640
Fox Corp., Class B	17,677	570,083
News Corp., Class A	49,205	843,866
News Corp., Class B	15,135	261,230
Omnicom Group, Inc.	25,787	2,335,529
Paramount Global, Class B (B)	64,546	1,382,575
The Interpublic Group of Companies, Inc.	48,979	1,740,714
		34,426,801
Wireless telecommunication services – 0.2%		
T-Mobile US, Inc. (A)	75,207	10,692,931
		322,131,397
Consumer discretionary – 10.3%		
Auto components – 0.1%		
Aptiv PLC (A)	33,826	3,933,287
BorgWarner, Inc.	29,077	1,461,992
		5,395,279
Automobiles – 1.9%		
Ford Motor Company	506,267	6,110,643
General Motors Company	180,910	7,008,453
Tesla, Inc. (A)	341,009	70,148,961
		83,268,057
Distributors – 0.2%		
Genuine Parts Company	17,607	3,113,974
LKQ Corp.	32,130	1,840,728
Pool Corp.	4,999	1,783,943
		6,738,645
Hotels, restaurants and leisure – 2.0%		
Booking Holdings, Inc. (A)	4,772	12,044,528
Caesars Entertainment, Inc. (A)	26,859	1,363,363
Carnival Corp. (A)(B)	123,968	1,316,540
Chipotle Mexican Grill, Inc. (A)	3,471	5,175,539
Darden Restaurants, Inc.	14,787	2,114,393
Domino's Pizza, Inc.	4,384	1,288,940
Expedia Group, Inc. (A)	18,383	2,003,196
Hilton Worldwide Holdings, Inc.	33,298	4,811,894
Las Vegas Sands Corp. (A)	39,803	2,287,478
Marriott International, Inc., Class A	33,046	5,592,705

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hotels, restaurants and leisure (continued)		
McDonald's Corp.	89,483	\$ 23,615,459
MGM Resorts International	39,246	1,687,970
Norwegian Cruise Line Holdings, Ltd. (A)(B)	53,782	797,049
Royal Caribbean Cruises, Ltd. (A)	27,176	1,919,713
Starbucks Corp.	142,710	14,569,264
Wynn Resorts, Ltd. (A)	12,756	1,382,368
Yum! Brands, Inc.	34,632	4,403,805
		86,374,204
Household durables – 0.3%		
D.R. Horton, Inc.	39,541	3,656,752
Garmin, Ltd.	19,327	1,896,559
Hamilton Beach Brands Holding Company, Class B	294	3,822
Lennar Corp., A Shares	31,968	3,092,584
Mohawk Industries, Inc. (A)	6,780	697,323
Newell Brands, Inc.	47,642	699,861
NVR, Inc. (A)	371	1,919,413
PulteGroup, Inc.	28,381	1,551,589
Whirlpool Corp.	6,799	938,126
		14,456,029
Internet and direct marketing retail – 2.6%		
Amazon.com, Inc. (A)	1,106,296	104,246,272
eBay, Inc.	66,254	3,041,059
Etsy, Inc. (A)	15,785	1,916,457
		109,203,788
Leisure products – 0.0%		
Hasbro, Inc.	16,462	905,575
Multiline retail – 0.5%		
Dollar General Corp.	27,417	5,930,297
Dollar Tree, Inc. (A)	25,774	3,744,447
Target Corp.	57,964	9,766,934
		19,441,678
Specialty retail – 2.2%		
Advance Auto Parts, Inc.	7,538	1,092,708
AutoZone, Inc. (A)	2,344	5,828,450
Bath & Body Works, Inc.	29,137	1,190,829
Best Buy Company, Inc.	25,407	2,111,576
CarMax, Inc. (A)	20,494	1,414,906
Lowe's Companies, Inc.	79,310	16,318,033
O'Reilly Automotive, Inc. (A)	7,668	6,365,207
Ross Stores, Inc.	43,130	4,767,590
The Home Depot, Inc.	133,141	39,481,632
The TJX Companies, Inc.	143,168	10,966,669
Tractor Supply Company	13,635	3,180,500
Ulta Beauty, Inc. (A)	6,284	3,260,139
		95,978,239
Textiles, apparel and luxury goods – 0.5%		
NIKE, Inc., Class B	157,830	18,748,626
Ralph Lauren Corp.	5,161	609,979
Tapestry, Inc.	30,277	1,317,352
VF Corp.	41,980	1,041,944
		21,717,901
		443,479,395
Consumer staples – 7.0%		
Beverages – 1.9%		
Brown-Forman Corp., Class B	24,654	1,599,305
Constellation Brands, Inc., Class A	22,033	4,928,782
Keurig Dr. Pepper, Inc.	113,532	3,922,531
Molson Coors Beverage Company, Class B	24,336	1,294,432
Monster Beverage Corp. (A)	51,572	5,247,967
PepsiCo, Inc.	183,659	31,870,346

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Beverages (continued)		
The Coca-Cola Company	520,938	\$ 31,001,020
		79,864,383
Food and staples retailing – 1.6%		
Costco Wholesale Corp.	59,699	28,905,062
Sysco Corp.	69,149	5,156,441
The Kroger Company	85,851	3,703,612
Walgreens Boots Alliance, Inc.	97,569	3,466,627
Walmart, Inc.	187,533	26,654,065
		67,885,807
Food products – 1.1%		
Archer-Daniels-Midland Company	73,419	5,844,152
Campbell Soup Company	26,293	1,380,908
Conagra Brands, Inc.	63,836	2,324,269
General Mills, Inc.	75,558	6,007,617
Hormel Foods Corp.	38,772	1,720,701
Kellogg Company	33,858	2,232,597
Lamb Weston Holdings, Inc.	19,224	1,934,703
McCormick & Company, Inc.	33,504	2,490,017
Mondelez International, Inc., Class A	182,803	11,915,100
The Hershey Company	19,508	4,649,147
The J.M. Smucker Company	14,189	2,098,411
The Kraft Heinz Company	106,451	4,145,202
Tyson Foods, Inc., Class A	39,017	2,311,367
		49,054,191
Household products – 1.5%		
Church & Dwight Company, Inc.	32,468	2,720,169
Colgate-Palmolive Company	111,707	8,188,123
Kimberly-Clark Corp.	44,193	5,526,335
The Clorox Company	16,363	2,543,465
The Procter & Gamble Company	315,865	43,450,389
		62,428,481
Personal products – 0.2%		
The Estee Lauder Companies, Inc., Class A	31,118	7,563,230
Tobacco – 0.7%		
Altria Group, Inc.	242,763	11,271,486
Philip Morris International, Inc.	210,378	20,469,779
		31,741,265
		298,537,357
Energy – 5.6%		
Energy equipment and services – 0.5%		
Baker Hughes Company	153,271	4,690,093
Halliburton Company	137,115	4,967,676
Schlumberger, Ltd.	211,994	11,280,201
		20,937,970
Oil, gas and consumable fuels – 5.1%		
APA Corp.	48,642	1,866,880
Chevron Corp.	270,125	43,427,996
ConocoPhillips	185,209	19,141,350
Coterra Energy, Inc. (B)	120,810	3,016,626
Devon Energy Corp.	97,285	5,245,607
Diamondback Energy, Inc.	26,535	3,730,290
EOG Resources, Inc.	88,099	9,956,949
EQT Corp.	56,780	1,883,960
Exxon Mobil Corp.	618,531	67,982,742
Hess Corp.	41,746	5,623,186
Kinder Morgan, Inc.	303,126	5,171,330
Marathon Oil Corp.	96,921	2,437,563
Marathon Petroleum Corp.	69,740	8,619,864
Occidental Petroleum Corp.	110,737	6,484,759
ONEOK, Inc.	68,543	4,486,139
Phillips 66	70,643	7,245,146

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Oil, gas and consumable fuels (continued)		
Pioneer Natural Resources Company	36,199	\$ 7,254,642
Targa Resources Corp.	34,503	2,556,672
The Williams Companies, Inc.	186,464	5,612,566
Valero Energy Corp.	56,667	7,464,744
		219,209,011
		240,146,981
Financials – 10.7%		
Banks – 3.6%		
Bank of America Corp.	824,751	28,288,959
Citigroup, Inc.	231,017	11,710,252
Citizens Financial Group, Inc.	58,255	2,432,729
Comerica, Inc.	15,622	1,095,102
Fifth Third Bancorp	81,133	2,945,128
First Republic Bank	22,194	2,730,084
Huntington Bancshares, Inc.	170,315	2,609,226
JPMorgan Chase & Co.	346,117	49,615,872
KeyCorp	111,375	2,037,049
M&T Bank Corp.	20,423	3,171,488
Regions Financial Corp.	110,881	2,585,745
Signature Bank	7,659	881,168
SVB Financial Group (A)	7,014	2,020,804
The PNC Financial Services Group, Inc.	47,396	7,484,776
Truist Financial Corp.	157,357	7,387,911
U.S. Bancorp	159,059	7,591,886
Wells Fargo & Company	450,696	21,079,052
Zions Bancorp NA	17,777	899,872
		156,567,103
Capital markets – 2.9%		
Ameriprise Financial, Inc.	12,710	4,357,878
BlackRock, Inc.	17,866	12,317,356
Cboe Global Markets, Inc.	12,224	1,542,302
CME Group, Inc.	41,630	7,716,537
FactSet Research Systems, Inc.	4,462	1,849,722
Franklin Resources, Inc.	34,407	1,013,974
Intercontinental Exchange, Inc.	66,227	6,741,909
Invesco, Ltd.	55,410	978,541
MarketAxess Holdings, Inc.	4,341	1,482,234
Moody's Corp.	18,550	5,382,283
Morgan Stanley	155,392	14,995,328
MSCI, Inc.	9,546	4,984,444
Nasdaq, Inc.	40,320	2,260,339
Northern Trust Corp.	24,718	2,354,884
Raymond James Financial, Inc.	22,737	2,466,055
S&P Global, Inc.	39,390	13,439,868
State Street Corp.	43,676	3,873,188
T. Rowe Price Group, Inc.	27,086	3,041,216
The Bank of New York Mellon Corp.	86,546	4,403,460
The Charles Schwab Corp.	176,592	13,760,049
The Goldman Sachs Group, Inc.	39,882	14,024,505
		122,986,072
Consumer finance – 0.5%		
American Express Company	70,371	12,243,850
Capital One Financial Corp.	45,093	4,918,744
Discover Financial Services	32,042	3,588,704
Synchrony Financial	52,884	1,888,488
		22,639,786
Diversified financial services – 1.5%		
Berkshire Hathaway, Inc., Class B (A)	212,170	64,750,041
Insurance – 2.2%		
Aflac, Inc.	66,477	4,530,408
American International Group, Inc.	87,313	5,335,697
Aon PLC, Class A	24,369	7,409,394
Arch Capital Group, Ltd. (A)	42,796	2,995,720

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Insurance (continued)		
Arthur J. Gallagher & Company	24,602	\$ 4,609,185
Assurant, Inc.	6,145	782,812
Brown & Brown, Inc.	27,763	1,556,671
Chubb, Ltd.	48,407	10,214,845
Cincinnati Financial Corp.	18,439	2,225,587
Everest Re Group, Ltd.	4,577	1,757,431
Globe Life, Inc.	10,603	1,290,279
Lincoln National Corp.	18,988	602,299
Loews Corp.	22,978	1,403,726
Marsh & McLennan Companies, Inc.	58,081	9,417,253
MetLife, Inc.	77,809	5,581,240
Principal Financial Group, Inc.	27,231	2,438,808
Prudential Financial, Inc.	43,929	4,392,900
The Allstate Corp.	30,731	3,957,538
The Hartford Financial Services Group, Inc.	37,167	2,909,433
The Progressive Corp.	66,962	9,610,386
The Travelers Companies, Inc.	27,139	5,023,972
W.R. Berkley Corp.	23,725	1,570,358
Willis Towers Watson PLC	12,687	2,973,325
		92,589,267
		459,532,269
Health care – 15.0%		
Biotechnology – 2.3%		
AbbVie, Inc.	232,627	35,801,295
Amgen, Inc.	71,252	16,506,238
Biogen, Inc. (A)	19,487	5,258,762
Gilead Sciences, Inc.	165,862	13,356,867
Incyte Corp. (A)	24,668	1,898,943
Moderna, Inc. (A)	45,420	6,304,750
Regeneron Pharmaceuticals, Inc. (A)	14,246	10,832,943
Vertex Pharmaceuticals, Inc. (A)	34,116	9,903,534
		99,863,332
Health care equipment and supplies – 2.9%		
Abbott Laboratories	238,714	24,281,988
ABIOMED, Inc. (A)(C)	6,547	6,678
Align Technology, Inc. (A)	10,020	3,101,190
Baxter International, Inc.	67,655	2,702,817
Becton, Dickinson and Company	38,594	9,052,223
Boston Scientific Corp. (A)	192,529	8,994,955
Dentsply Sirona, Inc.	29,003	1,104,144
DexCom, Inc. (A)	51,599	5,728,005
Edwards Lifesciences Corp. (A)	85,415	6,870,783
GE HealthCare Technologies, Inc. (A)	48,824	3,710,624
Hologic, Inc. (A)	33,759	2,688,567
IDEXX Laboratories, Inc. (A)	11,448	5,417,652
Intuitive Surgical, Inc. (A)	47,988	11,007,967
Medtronic PLC	175,494	14,530,903
ResMed, Inc.	19,569	4,168,197
STERIS PLC	13,590	2,555,328
Stryker Corp.	45,159	11,871,398
Teleflex, Inc.	6,375	1,518,716
The Cooper Companies, Inc.	6,725	2,198,873
Zimmer Biomet Holdings, Inc.	28,289	3,504,158
		125,015,166
Health care providers and services – 3.4%		
AmerisourceBergen Corp.	21,557	3,353,407
Cardinal Health, Inc.	35,031	2,652,197
Centene Corp. (A)	75,835	5,187,114
CVS Health Corp.	176,496	14,744,476
DaVita, Inc. (A)	7,372	606,421
Elevance Health, Inc.	32,659	15,338,953
HCA Healthcare, Inc.	28,889	7,033,027
Henry Schein, Inc. (A)	18,212	1,426,182

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care providers and services (continued)		
Humana, Inc.	16,973	\$ 8,401,974
Laboratory Corp. of America Holdings	12,138	2,905,352
McKesson Corp.	19,041	6,660,732
Molina Healthcare, Inc. (A)	7,853	2,162,166
Quest Diagnostics, Inc.	15,594	2,157,586
The Cigna Group	41,425	12,100,243
UnitedHealth Group, Inc.	125,825	59,885,151
Universal Health Services, Inc., Class B	8,632	1,152,976
		145,767,957
Life sciences tools and services – 2.0%		
Agilent Technologies, Inc.	40,830	5,796,635
Bio-Rad Laboratories, Inc., Class A (A)	2,950	1,409,628
Bio-Techne Corp.	21,371	1,552,389
Charles River Laboratories International, Inc. (A)	6,925	1,518,930
Danaher Corp.	89,150	22,067,300
Illumina, Inc. (A)	21,880	4,358,496
IQVIA Holdings, Inc. (A)	25,503	5,316,610
Mettler-Toledo International, Inc. (A)	3,081	4,417,261
PerkinElmer, Inc.	17,335	2,159,421
Thermo Fisher Scientific, Inc.	53,202	28,822,716
Waters Corp. (A)	8,116	2,523,183
West Pharmaceutical Services, Inc.	10,065	3,190,907
		83,133,476
Pharmaceuticals – 4.4%		
Bristol-Myers Squibb Company	282,318	19,468,649
Catalent, Inc. (A)	24,876	1,697,041
Eli Lilly & Company	104,647	32,568,239
Johnson & Johnson	351,962	53,941,696
Merck & Company, Inc.	337,649	35,871,830
Organon & Company	32,669	800,064
Pfizer, Inc.	752,910	30,545,559
Viatis, Inc.	163,876	1,868,186
Zoetis, Inc.	62,772	10,482,924
		187,244,188
		641,024,119
Industrials – 7.7%		
Aerospace and defense – 1.6%		
General Dynamics Corp.	26,046	5,936,144
Howmet Aerospace, Inc.	43,168	1,820,826
Huntington Ingalls Industries, Inc.	4,610	992,072
L3Harris Technologies, Inc.	21,958	4,637,310
Lockheed Martin Corp.	26,536	12,584,963
Northrop Grumman Corp.	16,461	7,639,715
Raytheon Technologies Corp.	170,002	16,675,496
Textron, Inc.	24,533	1,779,378
The Boeing Company (A)	66,142	13,330,920
TransDigm Group, Inc.	5,968	4,439,416
		69,836,240
Air freight and logistics – 0.6%		
CH Robinson Worldwide, Inc.	13,618	1,361,255
Expeditors International of Washington, Inc.	19,353	2,023,550
FedEx Corp.	28,089	5,708,247
United Parcel Service, Inc., Class B	85,971	15,688,848
		24,781,900
Airlines – 0.2%		
Alaska Air Group, Inc. (A)	14,940	714,580
American Airlines Group, Inc. (A)(B)	77,893	1,244,730
Delta Air Lines, Inc. (A)	76,498	2,932,933
Southwest Airlines Company (A)	71,338	2,395,530

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Airlines (continued)		
United Airlines Holdings, Inc. (A)	38,740	\$ 2,012,930
		9,300,703
Building products – 0.4%		
A.O. Smith Corp.	14,935	980,184
Allegion PLC	10,383	1,170,268
Carrier Global Corp.	99,115	4,463,148
Johnson Controls International PLC	81,716	5,125,228
Masco Corp.	27,025	1,416,921
Trane Technologies PLC	27,094	5,011,577
		18,167,326
Commercial services and supplies – 0.4%		
Cintas Corp.	10,094	4,425,916
Copart, Inc. (A)	48,936	3,448,031
Republic Services, Inc.	23,907	3,082,330
Rollins, Inc.	27,353	962,826
Waste Management, Inc.	43,537	6,520,101
		18,439,204
Construction and engineering – 0.1%		
Quanta Services, Inc.	17,004	2,744,446
Electrical equipment – 0.5%		
AMETEK, Inc.	27,049	3,829,056
Eaton Corp. PLC	46,920	8,207,716
Emerson Electric Company	70,520	5,832,709
Generac Holdings, Inc. (A)	7,868	944,239
Rockwell Automation, Inc.	13,592	4,008,689
		22,822,409
Industrial conglomerates – 0.8%		
3M Company	65,519	7,059,017
General Electric Company	126,681	10,731,148
Honeywell International, Inc.	78,923	15,112,176
		32,902,341
Machinery – 1.7%		
Caterpillar, Inc.	61,428	14,715,077
Cummins, Inc.	16,548	4,022,488
Deere & Company	32,069	13,444,608
Dover Corp.	16,879	2,530,162
Fortive Corp.	42,163	2,810,586
IDEX Corp.	8,907	2,003,897
Illinois Tool Works, Inc.	32,967	7,686,586
Ingersoll Rand, Inc.	47,454	2,755,654
Nordson Corp.	7,151	1,570,646
Otis Worldwide Corp.	48,712	4,122,009
PACCAR, Inc.	61,379	4,431,564
Parker-Hannifin Corp.	15,226	5,357,268
Pentair PLC	19,636	1,098,438
Snap-on, Inc.	6,255	1,555,493
Stanley Black & Decker, Inc.	18,041	1,544,490
Wabtec Corp.	21,239	2,215,865
Xylem, Inc.	21,451	2,201,945
		74,066,776
Professional services – 0.3%		
CoStar Group, Inc. (A)	47,710	3,371,189
Equifax, Inc.	14,589	2,954,710
Jacobs Solutions, Inc.	14,973	1,789,274
Leidos Holdings, Inc.	15,825	1,536,133
Robert Half International, Inc.	12,806	1,032,420
Verisk Analytics, Inc.	18,224	3,118,309
		13,802,035
Road and rail – 0.8%		
CSX Corp.	245,040	7,471,270
JB Hunt Transport Services, Inc.	9,708	1,755,109
Norfolk Southern Corp.	27,097	6,091,948

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Road and rail (continued)		
Old Dominion Freight Line, Inc.	10,755	\$ 3,648,741
Union Pacific Corp.	73,188	15,170,409
		34,137,477
Trading companies and distributors – 0.3%		
Fastenal Company	68,394	3,526,395
United Rentals, Inc.	8,201	3,842,415
W.W. Grainger, Inc.	5,315	3,552,705
		10,921,515
		331,922,372
Information technology – 26.7%		
Communications equipment – 0.9%		
Arista Networks, Inc. (A)	31,317	4,343,668
Cisco Systems, Inc.	516,905	25,028,540
F5, Inc. (A)	7,622	1,089,794
Juniper Networks, Inc.	40,307	1,240,649
Motorola Solutions, Inc.	20,733	5,448,840
		37,151,491
Electronic equipment, instruments and components – 0.6%		
Amphenol Corp., Class A	76,223	5,908,807
CDW Corp.	17,392	3,520,489
Corning, Inc.	96,702	3,283,033
Keysight Technologies, Inc. (A)	22,336	3,572,867
TE Connectivity, Ltd.	40,852	5,201,277
Teledyne Technologies, Inc. (A)	5,915	2,543,864
Trimble, Inc. (A)	31,704	1,650,510
Zebra Technologies Corp., Class A (A)	6,685	2,007,171
		27,688,018
IT services – 4.3%		
Accenture PLC, Class A	80,000	21,244,000
Akamai Technologies, Inc. (A)	19,611	1,423,759
Automatic Data Processing, Inc.	52,113	11,455,480
Broadridge Financial Solutions, Inc.	14,686	2,067,495
Cognizant Technology Solutions Corp., Class A	64,472	4,037,881
DXC Technology Company (A)	28,927	802,435
EPAM Systems, Inc. (A)	7,499	2,307,067
Fidelity National Information Services, Inc.	76,188	4,828,034
Fiserv, Inc. (A)	79,303	9,126,982
FleetCor Technologies, Inc. (A)	9,312	2,000,124
Gartner, Inc. (A)	9,946	3,260,398
Global Payments, Inc.	34,336	3,852,499
IBM Corp.	114,359	14,786,619
Jack Henry & Associates, Inc.	9,116	1,497,212
Mastercard, Inc., Class A	106,515	37,843,714
Paychex, Inc.	40,791	4,503,326
PayPal Holdings, Inc. (A)	139,860	10,293,696
VeriSign, Inc. (A)	11,440	2,251,735
Visa, Inc., Class A	205,133	45,116,952
		182,699,408
Semiconductors and semiconductor equipment – 5.8%		
Advanced Micro Devices, Inc. (A)	203,171	15,965,177
Analog Devices, Inc.	65,847	12,080,949
Applied Materials, Inc.	109,996	12,776,035
Broadcom, Inc.	51,252	30,458,551
Enphase Energy, Inc. (A)	16,892	3,556,273
First Solar, Inc. (A)	12,469	2,109,007
Intel Corp.	536,631	13,378,211
KLA Corp.	17,901	6,791,281
Lam Research Corp.	17,457	8,484,277
Microchip Technology, Inc.	69,998	5,671,938
Micron Technology, Inc.	137,155	7,930,302
Monolithic Power Systems, Inc.	5,718	2,769,170
NVIDIA Corp.	317,522	73,715,908

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Semiconductors and semiconductor equipment (continued)		
NXP Semiconductors NV	33,104	\$ 5,908,402
ON Semiconductor Corp. (A)	55,053	4,261,653
Qorvo, Inc. (A)	12,823	1,293,712
Qualcomm, Inc.	142,323	17,581,160
Skyworks Solutions, Inc.	20,279	2,262,528
SolarEdge Technologies, Inc. (A)	7,149	2,272,810
Teradyne, Inc.	19,916	2,014,304
Texas Instruments, Inc.	114,862	19,693,090
		250,974,738
Software – 8.3%		
Adobe, Inc. (A)	59,116	19,150,628
ANSYS, Inc. (A)	10,978	3,333,031
Autodesk, Inc. (A)	27,258	5,415,892
Cadence Design Systems, Inc. (A)	34,128	6,584,656
Ceridian HCM Holding, Inc. (A)	19,249	1,403,830
Fortinet, Inc. (A)	81,159	4,824,091
Gen Digital, Inc.	72,954	1,423,333
Intuit, Inc.	35,631	14,508,231
Microsoft Corp.	942,225	235,009,760
Oracle Corp.	191,807	16,763,932
Paycom Software, Inc. (A)	6,134	1,773,094
PTC, Inc. (A)	13,208	1,655,359
Roper Technologies, Inc.	13,276	5,711,335
salesforce.com, Inc. (A)	125,432	20,521,930
ServiceNow, Inc. (A)	25,415	10,983,601
Synopsys, Inc. (A)	19,048	6,928,900
Tyler Technologies, Inc. (A)	5,288	1,698,770
		357,690,373
Technology hardware, storage and peripherals – 6.8%		
Apple, Inc.	1,895,837	279,465,325
Hewlett Packard Enterprise Company	161,903	2,527,306
HP, Inc.	113,494	3,350,343
NetApp, Inc.	27,356	1,765,830
Seagate Technology Holdings PLC	24,704	1,594,890
Western Digital Corp. (A)	40,519	1,559,171
		290,262,865
		1,146,466,893
Materials – 2.5%		
Chemicals – 1.7%		
Air Products & Chemicals, Inc.	25,675	7,342,537
Albemarle Corp.	14,314	3,640,193
Celanese Corp.	12,033	1,398,596
CF Industries Holdings, Inc.	22,125	1,900,316
Corteva, Inc.	84,317	5,252,106
Dow, Inc.	82,469	4,717,227
DuPont de Nemours, Inc.	58,773	4,292,192
Eastman Chemical Company	14,562	1,240,682
Ecolab, Inc.	29,230	4,658,385
FMC Corp.	14,680	1,895,922
International Flavors & Fragrances, Inc.	30,180	2,812,776
Linde PLC	56,195	19,576,652
LyondellBasell Industries NV, Class A	29,920	2,872,021
PPG Industries, Inc.	27,754	3,665,193
The Mosaic Company	39,670	2,110,047
The Sherwin-Williams Company	27,651	6,120,549
		73,495,394
Construction materials – 0.1%		
Martin Marietta Materials, Inc.	7,358	2,647,923
Vulcan Materials Company	15,721	2,844,086
		5,492,009
Containers and packaging – 0.3%		
Amcor PLC	175,897	1,959,493
Avery Dennison Corp.	9,521	1,734,631

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Containers and packaging (continued)		
Ball Corp.	36,416	\$ 2,046,943
International Paper Company	43,567	1,585,403
Packaging Corp. of America	11,173	1,527,573
Sealed Air Corp.	17,160	834,319
Westrock Company	30,633	961,876
		10,650,238
Metals and mining – 0.4%		
Ferroglobe PLC (A)(C)	4,538	0
Freeport-McMoRan, Inc.	161,015	6,596,785
Newmont Corp.	92,056	4,014,562
Nucor Corp.	30,310	5,075,106
Steel Dynamics, Inc.	19,673	2,480,962
		18,167,415
		107,805,056
Real estate – 2.5%		
Equity real estate investment trusts – 2.4%		
Alexandria Real Estate Equities, Inc.	17,689	2,649,458
American Tower Corp.	55,264	10,942,825
AvalonBay Communities, Inc.	16,467	2,840,887
Boston Properties, Inc.	16,924	1,108,184
Camden Property Trust	12,569	1,442,418
Crown Castle, Inc.	51,529	6,737,417
Digital Realty Trust, Inc.	34,123	3,556,640
Equinix, Inc.	10,903	7,504,208
Equity Residential	40,244	2,516,055
Essex Property Trust, Inc.	7,649	1,744,431
Extra Space Storage, Inc.	15,504	2,552,734
Federal Realty Investment Trust	8,681	926,957
Healthpeak Properties, Inc.	63,344	1,524,057
Host Hotels & Resorts, Inc.	82,684	1,389,091
Invitation Homes, Inc.	67,885	2,122,085
Iron Mountain, Inc.	34,782	1,834,751
Kimco Realty Corp.	73,872	1,522,502
Mid-America Apartment Communities, Inc.	13,638	2,183,444
Prologis, Inc.	108,448	13,382,483
Public Storage	18,315	5,475,269
Realty Income Corp.	73,556	4,703,906
Regency Centers Corp.	18,204	1,145,032
SBA Communications Corp.	12,879	3,340,169
Simon Property Group, Inc.	38,802	4,737,336
UDR, Inc.	36,141	1,548,280
Ventas, Inc.	46,769	2,275,312
VICI Properties, Inc.	111,729	3,746,273
Welltower, Inc.	55,161	4,088,533
Weyerhaeuser Company	89,020	2,781,875
		102,322,612
Real estate management and development – 0.1%		
CBRE Group, Inc., Class A (A)	37,759	3,214,801
		105,537,413
Utilities – 2.6%		
Electric utilities – 1.7%		
Alliant Energy Corp.	29,224	1,498,314
American Electric Power Company, Inc.	60,265	5,301,512
Constellation Energy Corp.	39,787	2,979,648
Duke Energy Corp.	90,050	8,488,113
Edison International	44,485	2,945,352
Entergy Corp.	23,801	2,448,409
Evergy, Inc.	26,925	1,583,459
Eversource Energy	40,951	3,086,067
Exelon Corp.	116,711	4,713,957
FirstEnergy Corp.	63,462	2,509,287
NextEra Energy, Inc.	234,553	16,660,300
NRG Energy, Inc.	26,562	870,968

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electric utilities (continued)		
PG&E Corp. (A)	186,430	\$ 2,912,037
Pinnacle West Capital Corp.	13,161	969,702
PPL Corp.	87,354	2,364,673
The Southern Company	127,240	8,023,754
Xcel Energy, Inc.	63,606	4,107,039
		71,462,591
Gas utilities – 0.0%		
Atmos Energy Corp.	16,206	1,828,199
Independent power and renewable electricity producers – 0.1%		
The AES Corp.	78,585	1,939,478
Multi-utilities – 0.7%		
Ameren Corp.	30,156	2,494,203
CenterPoint Energy, Inc.	73,179	2,035,840
CMS Energy Corp.	33,813	1,993,953
Consolidated Edison, Inc.	41,144	3,676,216
Dominion Energy, Inc.	96,873	5,388,076
DTE Energy Company	22,687	2,488,991
NiSource, Inc.	47,025	1,289,896
Public Service Enterprise Group, Inc.	58,510	3,535,759
Sempra Energy	36,784	5,516,129
WEC Energy Group, Inc.	36,830	3,265,348
		31,684,411
Water utilities – 0.1%		
American Water Works Company, Inc.	21,222	2,979,144
		109,893,823
TOTAL COMMON STOCKS (Cost \$4,303,256,509)		\$ 4,206,477,075

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 1.7%		
Short-term funds – 1.7%		
John Hancock Collateral Trust, 4.5832% (D)(E)	7,412,268	\$ 74,089,322
TOTAL SHORT-TERM INVESTMENTS (Cost \$74,074,706)		\$ 74,089,322
Total Investments (U.S. Sector Rotation Fund) (Cost \$4,377,331,215) – 99.8%		
		\$ 4,280,566,397
Other assets and liabilities, net – 0.2%		
		10,370,196
TOTAL NET ASSETS – 100.0%		
		\$ 4,290,936,593

Security Abbreviations and Legend

- (A) Non-income producing security.
 (B) All or a portion of this security is on loan as of 2-28-23.
 (C) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.
 (D) The rate shown is the annualized seven-day yield as of 2-28-23.
 (E) Investment is an affiliate of the fund, the advisor and/or subadvisor. A portion of this security represents the investment of cash collateral received for securities lending. Market value of this investment amounted to \$4,401,401.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis^	Notional value^	Unrealized appreciation (depreciation)
S&P 500 E-Mini Index Futures	426	Long	Mar 2023	\$88,458,480	\$84,678,150	\$(3,780,330)
						\$(3,780,330)

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

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

John Hancock Funds II

Portfolio of Investments — February 28, 2023 (unaudited) (showing percentage of total net assets)

The following funds had the following country composition as a percentage of net assets on 2-28-23:

Capital Appreciation Fund

United States	84.9%
France	4.3%
Netherlands	2.5%
Denmark	2.2%
Uruguay	1.9%
Canada	1.5%
Australia	1.0%
United Kingdom	1.0%
Other countries	0.7%
TOTAL	100.0%

Health Sciences Fund

United States	88.1%
United Kingdom	3.9%
Netherlands	1.7%
Denmark	1.5%
Germany	1.2%
Switzerland	1.0%
Other countries	2.6%
TOTAL	100.0%

High Yield Fund

United States	76.5%
Cayman Islands	8.6%
Canada	4.2%
Switzerland	1.8%
United Kingdom	1.4%
Luxembourg	1.3%
Macau	1.0%
Other countries	5.2%
TOTAL	100.0%

Mid Value Fund

United States	84.7%
United Kingdom	5.3%
Canada	2.9%
Bermuda	1.5%
Puerto Rico	1.1%
Other countries	4.5%
TOTAL	100.0%

Science & Technology Fund

United States	80.1%
Germany	7.3%
China	5.6%
Ireland	3.7%
South Korea	1.5%
Other countries	1.8%
TOTAL	100.0%

John Hancock Funds II

Statements of assets and liabilities — February 28, 2023 (unaudited)

	Capital Appreciation Fund	Capital Appreciation Value Fund	Core Bond Fund	Health Sciences Fund
Assets				
Unaffiliated investments, at value (including securities loaned)	\$1,308,760,624	\$1,209,599,477	\$1,780,364,733	\$298,636,726
Affiliated investments, at value	2,799,807	1,685,493	1,164,452	—
Total investments, at value	1,311,560,431	1,211,284,970	1,781,529,185	298,636,726
Cash	—	2,572,912	—	—
Foreign currency, at value	—	8,762	—	34,987
Cash collateral at broker for sale commitments	—	—	410,000	—
Dividends and interest receivable	1,116,151	4,595,496	8,975,460	322,403
Receivable for fund shares sold	35,666	13,109	106,846	92,578
Receivable for investments sold	—	3,516,339	36,763,416	2,012,577
Receivable for delayed delivery securities sold	—	—	44,077,822	—
Receivable for securities lending income	882	1,072	239	—
Other assets	70,564	55,435	85,808	240,094
Total assets	1,312,783,694	1,222,048,095	1,871,948,776	301,339,365
Liabilities				
Payable for sale commitments outstanding, at value	—	—	10,379,351	—
Written options, at value	—	8,324,189	—	—
Payable for collateral on sale commitments	—	—	150,000	—
Payable for investments purchased	8,059	12,445,088	54,759,801	1,328,899
Payable for delayed delivery securities purchased	—	—	144,636,102	—
Payable for fund shares repurchased	127,543	1,424,842	371,107	—
Payable upon return of securities loaned	2,799,834	1,685,260	1,164,869	—
Payable to affiliates	—	—	—	—
Accounting and legal services fees	112,231	104,738	138,961	26,849
Trustees' fees	656	629	892	168
Other liabilities and accrued expenses	116,010	100,009	130,760	69,823
Total liabilities	3,164,333	24,084,755	211,731,843	1,425,739
Net assets	\$1,309,619,361	\$1,197,963,340	\$1,660,216,933	\$299,913,626
Net assets consist of				
Paid-in capital	\$768,603,625	\$1,176,387,826	\$1,940,650,781	\$224,032,004
Total distributable earnings (loss)	541,015,736	21,575,514	(280,433,848)	75,881,622
Net assets	\$1,309,619,361	\$1,197,963,340	\$1,660,216,933	\$299,913,626
Unaffiliated investments, including repurchase agreements, at cost	\$724,071,664	\$1,180,094,984	\$1,897,690,986	\$218,148,749
Affiliated investments, at cost	\$2,799,834	\$1,684,951	\$1,164,581	—
Foreign currency, at cost	—	\$9,041	—	\$35,803
Proceeds received on sale commitments outstanding	—	—	\$10,541,422	—
Premiums received on written options	—	\$9,333,717	—	—
Securities loaned, at value	\$9,093,357	\$1,630,069	\$1,142,128	—
Net asset value per share				
The funds have an unlimited number of shares authorized with no par value. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Class 1				
Net assets	\$474,331,735	—	\$124,316,987	—
Shares outstanding	45,917,415	—	11,369,934	—
Net asset value, offering price and redemption price per share	\$10.33	—	\$10.93	—
Class NAV				
Net assets	\$835,287,626	\$1,197,963,340	\$1,535,899,946	\$299,913,626
Shares outstanding	80,146,903	144,459,680	140,721,941	64,704,582
Net asset value, offering price and redemption price per share	\$10.42	\$8.29	\$10.91	\$4.64

John Hancock Funds II

Statements of assets and liabilities — February 28, 2023 (unaudited)

		International Strategic Equity Allocation Fund	Mid Value Fund	Science & Technology Fund
Assets	High Yield Fund			
Unaffiliated investments, at value (including securities loaned)	\$189,001,337	\$4,097,167,075	\$1,437,599,635	\$128,313,352
Affiliated investments, at value	5,491,650	37,920,984	28,329,148	635,436
Total investments, at value	194,492,987	4,135,088,059	1,465,928,783	128,948,788
Receivable for centrally cleared swaps	971,375	—	—	—
Unrealized appreciation on forward foreign currency contracts	12,566	—	—	—
Cash	—	213,276	—	190
Foreign currency, at value	386,450	4,114,351	84,339	823
Collateral held at broker for futures contracts	194,142	9,765,000	—	—
Dividends and interest receivable	3,036,904	9,973,709	2,371,960	78,674
Receivable for fund shares sold	—	3,134,977	894	14,792
Receivable for investments sold	1,718,407	2,082,837	7,974,797	107,585
Receivable for securities lending income	3,905	30,267	24,849	176
Other assets	9,583	179,854	64,715	9,945
Total assets	200,826,319	4,164,582,330	1,476,450,337	129,160,973
Liabilities				
Unrealized depreciation on forward foreign currency contracts	10,319	—	—	—
Payable for futures variation margin	844	2,010,805	—	—
Due to custodian	125,985	—	—	—
Payable for investments purchased	1,539,329	—	10,393,188	1,109,476
Payable for fund shares repurchased	189,529	30,992	1,754,827	3,043
Payable upon return of securities loaned	5,496,274	37,998,358	28,347,988	635,781
Payable to affiliates				
Accounting and legal services fees	17,140	343,128	119,766	12,663
Trustees' fees	111	1,800	647	70
Other liabilities and accrued expenses	71,638	600,640	106,034	64,608
Total liabilities	7,451,169	40,985,723	40,722,450	1,825,641
Net assets	\$193,375,150	\$4,123,596,607	\$1,435,727,887	\$127,335,332
Net assets consist of				
Paid-in capital	\$338,344,582	\$4,440,285,524	\$1,115,108,550	\$156,553,860
Total distributable earnings (loss)	(144,969,432)	(316,688,917)	320,619,337	(29,218,528)
Net assets	\$193,375,150	\$4,123,596,607	\$1,435,727,887	\$127,335,332
Unaffiliated investments, including repurchase agreements, at cost	\$227,507,503	\$4,340,771,362	\$1,149,946,187	\$123,333,267
Affiliated investments, at cost	\$5,491,937	\$37,923,373	\$28,322,557	\$635,464
Foreign currency, at cost	\$390,950	\$4,215,941	\$86,170	\$848
Collateral held at broker for centrally cleared swaps	\$1,016,397	—	—	—
Securities loaned, at value	\$5,342,331	\$35,319,336	\$27,575,921	\$622,517
Net asset value per share				
The funds have an unlimited number of shares authorized with no par value. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.				
Class 1				
Net assets	\$193,375,150	—	—	—
Shares outstanding	28,365,061	—	—	—
Net asset value, offering price and redemption price per share	\$6.82	—	—	—
Class NAV				
Net assets	—	\$4,123,596,607	\$1,435,727,887	\$127,335,332
Shares outstanding	—	460,593,837	89,541,860	96,864,023
Net asset value, offering price and redemption price per share	—	\$8.95	\$16.03	\$1.31

John Hancock Funds II

Statements of assets and liabilities — February 28, 2023 (unaudited)

	U.S. Sector Rotation Fund
Assets	
Unaffiliated investments, at value (including securities loaned)	\$4,206,477,075
Affiliated investments, at value	74,089,322
Total investments, at value	4,280,566,397
Cash	35,042
Collateral held at broker for futures contracts	7,950,000
Dividends and interest receivable	7,463,898
Receivable for securities lending income	1,654
Other assets	151,432
Total assets	4,296,168,423
Liabilities	
Payable for futures variation margin	266,291
Payable upon return of securities loaned	4,400,547
Payable to affiliates	
Accounting and legal services fees	381,015
Trustees' fees	2,190
Other liabilities and accrued expenses	181,787
Total liabilities	5,231,830
Net assets	\$4,290,936,593
Net assets consist of	
Paid-in capital	\$4,790,084,060
Total distributable earnings (loss)	(499,147,467)
Net assets	\$4,290,936,593
Unaffiliated investments, including repurchase agreements, at cost	\$4,303,256,509
Affiliated investments, at cost	\$74,074,706
Securities loaned, at value	\$4,311,755
Net asset value per share	
The funds have an unlimited number of shares authorized with no par value. Net asset value is calculated by dividing the net assets of each class of shares by the number of outstanding shares in the class.	
Class NAV	
Net assets	\$4,290,936,593
Shares outstanding	512,021,608
Net asset value, offering price and redemption price per share	\$8.38

John Hancock Funds II

Statements of operations — For the six months ended February 28, 2023 (unaudited)

	Capital Appreciation Fund	Capital Appreciation Value Fund	Core Bond Fund	Health Sciences Fund
Investment income				
Dividends	\$4,349,728	\$6,083,663	\$1,099,582	\$1,063,556
Interest	155,692	11,329,071	27,606,998	33,442
Securities lending	3,598	7,007	343	—
Less foreign taxes withheld	(65,588)	(44,293)	—	(1,759)
Total investment income	4,443,430	17,375,448	28,706,923	1,095,239
Expenses				
Investment management fees	4,607,754	4,987,541	4,607,980	1,415,151
Distribution and service fees	119,638	—	31,388	—
Accounting and legal services fees	123,345	114,710	151,342	29,407
Trustees' fees	15,907	15,464	19,830	3,930
Custodian fees	65,478	72,310	98,748	26,666
Printing and postage	10,375	10,286	10,451	9,744
Professional fees	44,286	48,245	83,315	39,963
Other	32,012	29,963	44,599	12,490
Total expenses	5,018,795	5,278,519	5,047,653	1,537,351
Less expense reductions	(45,753)	(260,565)	(56,636)	(79,807)
Net expenses	4,973,042	5,017,954	4,991,017	1,457,544
Net investment income (loss)	(529,612)	12,357,494	23,715,906	(362,305)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	35,463,644	(5,446,352)	(60,690,045)	662,753
Affiliated investments	(69)	116	(281)	—
Written options	—	4,978,485	—	—
	35,463,575	(467,751)	(60,690,326)	662,753
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	(60,808,465)	9,044,892	5,413,538	1,184,566
Affiliated investments	(27)	872	(129)	—
Written options	—	(3,084,268)	—	—
	(60,808,492)	5,961,496	5,413,409	1,184,566
Net realized and unrealized gain (loss)	(25,344,917)	5,493,745	(55,276,917)	1,847,319
Increase (decrease) in net assets from operations	\$(25,874,529)	\$17,851,239	\$(31,561,011)	\$1,485,014

John Hancock Funds II

Statements of operations — For the six months ended February 28, 2023 (unaudited)

	High Yield Fund	International Strategic Equity Allocation Fund	Mid Value Fund	Science & Technology Fund
Investment income				
Dividends	\$89,427	\$42,618,852	\$14,978,147	\$325,418
Interest	7,531,137	2,868,952	12,997	835
Securities lending	22,609	104,308	133,044	8,193
Less foreign taxes withheld	(25)	(3,750,292)	(102,569)	(7,076)
Total investment income	7,643,148	41,841,820	15,021,619	327,370
Expenses				
Investment management fees	687,885	12,440,172	6,009,333	689,548
Distribution and service fees	49,135	—	—	—
Accounting and legal services fees	18,809	374,880	131,079	13,879
Trustees' fees	2,433	53,742	16,634	1,816
Custodian fees	17,322	806,078	78,404	27,178
Printing and postage	9,683	12,125	10,350	18,037
Professional fees	46,536	105,207	46,955	33,341
Other	10,653	54,722	27,311	9,180
Total expenses	842,456	13,846,926	6,320,066	792,979
Less expense reductions	(6,980)	(2,742,916)	(327,214)	(39,752)
Net expenses	835,476	11,104,010	5,992,852	753,227
Net investment income (loss)	6,807,672	30,737,810	9,028,767	(425,857)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	(7,046,402)	(11,373,533)	76,687,317	(5,271,584)
Affiliated investments	(1,459)	(6,847)	(8,097)	145
Futures contracts	(556,355)	9,400,818	—	—
Forward foreign currency contracts	10,766	—	—	—
Swap contracts	19,078	—	—	—
	(7,574,372)	(1,979,562)	76,679,220	(5,271,439)
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	5,360,501	260,447,334	64,851,643	15,867,041
Affiliated investments	685	(2,262)	6,853	(23)
Futures contracts	22,568	2,134,643	—	—
Forward foreign currency contracts	18,279	—	—	—
Swap contracts	(189,718)	—	—	—
	5,212,315	262,579,715	64,858,496	15,867,018
Net realized and unrealized gain (loss)	(2,362,057)	260,600,153	141,537,716	10,595,579
Increase in net assets from operations	\$4,445,615	\$291,337,963	\$150,566,483	\$10,169,722

John Hancock Funds II

Statements of operations — For the six months ended February 28, 2023 (unaudited)

	U.S. Sector Rotation Fund
Investment income	
Dividends	\$38,431,170
Income distributions received from affiliated investments	2,872,144
Interest	176,910
Securities lending	22,957
Less foreign taxes withheld	(7,211)
Total investment income	41,495,970
Expenses	
Investment management fees	13,814,342
Accounting and legal services fees	411,190
Trustees' fees	61,169
Custodian fees	354,962
Printing and postage	12,103
Professional fees	105,030
Other	56,202
Total expenses	14,814,998
Less expense reductions	(3,078,272)
Net expenses	11,736,726
Net investment income	29,759,244
Realized and unrealized gain (loss)	
Net realized gain (loss) on	
Unaffiliated investments and foreign currency transactions	(186,625,958)
Affiliated investments	8,031
Futures contracts	(4,858,780)
	(191,476,707)
Change in net unrealized appreciation (depreciation) of	
Unaffiliated investments and translation of assets and liabilities in foreign currencies	197,450,851
Affiliated investments	16,702
Futures contracts	661,263
	198,128,816
Net realized and unrealized gain (loss)	6,652,109
Increase in net assets from operations	\$36,411,353

John Hancock Funds II

Statements of changes in net assets

	Capital Appreciation Fund		Capital Appreciation Value Fund		Core Bond Fund	
	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(529,612)	\$(5,532,826)	\$12,357,494	\$13,314,402	\$23,715,906	\$23,348,292
Net realized gain (loss)	35,463,575	145,464,507	(467,751)	168,016,116	(60,690,326)	(95,229,555)
Change in net unrealized appreciation (depreciation)	(60,808,492)	(777,331,675)	5,961,496	(279,577,687)	5,413,409	(145,383,408)
Increase (decrease) in net assets resulting from operations	(25,874,529)	(637,399,994)	17,851,239	(98,247,169)	(31,561,011)	(217,264,671)
Distributions to shareholders						
From earnings						
Class 1	(51,623,538)	(234,037,715)	—	—	(2,272,908)	(3,151,517)
Class NAV	(87,259,196)	(310,779,087)	(152,535,808)	(259,582,767)	(26,383,562)	(29,676,464)
Total distributions	(138,882,734)	(544,816,802)	(152,535,808)	(259,582,767)	(28,656,470)	(32,827,981)
From fund share transactions						
From fund share transactions	88,374,174	431,644,019	79,412,120	215,270,220	108,539,700	73,687,525
Total increase (decrease)	(76,383,089)	(750,572,777)	(55,272,449)	(142,559,716)	48,322,219	(176,405,127)
Net assets						
Beginning of period	1,386,002,450	2,136,575,227	1,253,235,789	1,395,795,505	1,611,894,714	1,788,299,841
End of period	\$1,309,619,361	\$1,386,002,450	\$1,197,963,340	\$1,253,235,789	\$1,660,216,933	\$1,611,894,714
	Health Sciences Fund		High Yield Fund		International Strategic Equity Allocation Fund	
	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(362,305)	\$(1,160,190)	\$6,807,672	\$13,246,359	\$30,737,810	\$83,982,226
Net realized gain (loss)	662,753	15,163,654	(7,574,372)	(16,047,579)	(1,979,562)	(22,483,103)
Change in net unrealized appreciation (depreciation)	1,184,566	(98,141,793)	5,212,315	(28,694,226)	262,579,715	(832,140,487)
Increase (decrease) in net assets resulting from operations	1,485,014	(84,138,329)	4,445,615	(31,495,446)	291,337,963	(770,641,364)
Distributions to shareholders						
From earnings						
Class 1	—	—	(7,517,007)	(13,647,917)	—	—
Class NAV	(8,653,037)	(56,448,788)	—	—	(92,213,840)	(91,427,800)
Total distributions	(8,653,037)	(56,448,788)	(7,517,007)	(13,647,917)	(92,213,840)	(91,427,800)
From fund share transactions						
From fund share transactions	(9,852,118)	30,275,300	(11,448,619)	(26,315,847)	(37,780,139)	3,095,643,495
Total increase (decrease)	(17,020,141)	(110,311,817)	(14,520,011)	(71,459,210)	161,343,984	2,233,574,331
Net assets						
Beginning of period	316,933,767	427,245,584	207,895,161	279,354,371	3,962,252,623	1,728,678,292
End of period	\$299,913,626	\$316,933,767	\$193,375,150	\$207,895,161	\$4,123,596,607	\$3,962,252,623

John Hancock Funds II

Statements of changes in net assets

	Mid Value Fund		Science & Technology Fund		U.S. Sector Rotation Fund	
	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22	Six months ended 2-28-23 (unaudited)	Year ended 8-31-22
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$9,028,767	\$12,842,933	\$(425,857)	\$(1,281,095)	\$29,759,244	\$26,620,084
Net realized gain (loss)	76,679,220	230,707,565	(5,271,439)	(393,314)	(191,476,707)	(60,403,371)
Change in net unrealized appreciation (depreciation)	64,858,496	(236,462,700)	15,867,018	(68,569,495)	198,128,816	(589,584,401)
Increase (decrease) in net assets resulting from operations	150,566,483	7,087,798	10,169,722	(70,243,904)	36,411,353	(623,367,688)
Distributions to shareholders						
From earnings						
Class NAV	(228,179,709)	(149,119,105)	(18,119,628)	(121,883,322)	(117,724,841)	(259,017,769)
Total distributions	(228,179,709)	(149,119,105)	(18,119,628)	(121,883,322)	(117,724,841)	(259,017,769)
From fund share transactions						
From fund share transactions	136,752,014	(328,074,061)	(18,864,196)	129,167,856	(39,211,843)	4,085,740,784
Total increase (decrease)	59,138,788	(470,105,368)	(26,814,102)	(62,959,370)	(120,525,331)	3,203,355,327
Net assets						
Beginning of period	1,376,589,099	1,846,694,467	154,149,434	217,108,804	4,411,461,924	1,208,106,597
End of period	\$1,435,727,887	\$1,376,589,099	\$127,335,332	\$154,149,434	\$4,290,936,593	\$4,411,461,924

John Hancock Funds II

Financial highlights

Per share operating performance for a share outstanding throughout each period									Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions				Ratios to average net assets						
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	Total distributions (\$)	Net asset value, end of period (\$)	Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)
Capital Appreciation Fund														
Class 1														
02-28-2023 ³	11.86	(0.01)	(0.30)	(0.31)	—	(1.22)	(1.22)	10.33	(1.77) ⁴	0.81 ⁵	0.80 ⁵	(0.12) ⁵	474	18
08-31-2022	24.06	(0.06)	(5.69)	(5.75)	—	(6.45)	(6.45)	11.86	(31.48)	0.79	0.79	(0.36)	538	36
08-31-2021	23.01	(0.10)	5.14	5.04	—	(3.99)	(3.99)	24.06	24.71	0.79	0.78	(0.46)	908	45
08-31-2020	15.66	(0.04)	9.09	9.05	—	(1.70)	(1.70)	23.01	62.93	0.80	0.79	(0.23)	810	47
08-31-2019	18.80	— ⁶	(0.46)	(0.46)	(0.02)	(2.66)	(2.68)	15.66	0.84	0.80	0.79	(0.03)	584	50
08-31-2018	18.56	0.02	4.25	4.27	(0.01)	(4.02)	(4.03)	18.80	26.71	0.79	0.78	0.11	687	39
Class NAV														
02-28-2023 ³	11.95	— ⁶	(0.31)	(0.31)	—	(1.22)	(1.22)	10.42	(1.75) ⁴	0.76 ⁵	0.75 ⁵	(0.06) ⁵	835	18
08-31-2022	24.18	(0.05)	(5.73)	(5.78)	—	(6.45)	(6.45)	11.95	(31.44)	0.74	0.74	(0.29)	848	36
08-31-2021	23.10	(0.09)	5.16	5.07	—	(3.99)	(3.99)	24.18	24.75	0.74	0.73	(0.41)	1,229	45
08-31-2020	15.71	(0.03)	9.12	9.09	— ⁶	(1.70)	(1.70)	23.10	63.00	0.75	0.74	(0.18)	1,373	47
08-31-2019	18.85	— ⁶	(0.45)	(0.45)	(0.03)	(2.66)	(2.69)	15.71	0.89	0.75	0.74	0.03	1,153	50
08-31-2018	18.60	0.03	4.26	4.29	(0.02)	(4.02)	(4.04)	18.85	26.76	0.74	0.73	0.15	1,128	39
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Not annualized. 5. Annualized. 6. Less than \$0.005 per share.														
Capital Appreciation Value Fund														
Class NAV														
02-28-2023 ³	9.36	0.09	0.01	0.10	(0.14)	(1.03)	(1.17)	8.29	1.47 ⁴	0.88 ⁵	0.84 ⁵	2.06 ⁵	1,198	51
08-31-2022	12.56	0.11	(0.84)	(0.73)	(0.13)	(2.34)	(2.47)	9.36	(7.56)	0.87	0.82	1.01	1,253	73
08-31-2021	11.92	0.12	2.63	2.75	(0.14)	(1.97)	(2.11)	12.56	25.84	0.86	0.82	0.98	1,396	57
08-31-2020	11.75	0.14	1.33	1.47	(0.20)	(1.10)	(1.30)	11.92	13.38	0.87	0.83	1.20	1,442	79
08-31-2019	12.27	0.19	0.76	0.95	(0.33)	(1.14)	(1.47)	11.75	10.07	0.85	0.81	1.66	1,607	63
08-31-2018	12.26	0.27	1.06	1.33	(0.18)	(1.14)	(1.32)	12.27	11.61	0.85	0.81	2.28	1,785	78
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Not annualized. 5. Annualized.														
Core Bond Fund														
Class 1														
02-28-2023 ³	11.35	0.16	(0.38)	(0.22)	(0.20)	—	(0.20)	10.93	(1.97) ⁴	0.68 ⁵	0.67 ⁵	2.92 ⁵	124	115
08-31-2022	13.19	0.16	(1.76)	(1.60)	(0.24)	—	(0.24)	11.35	(12.33)	0.67	0.66	1.32	134	262
08-31-2021	13.96	0.11	(0.08)	0.03	(0.22)	(0.58)	(0.80)	13.19	0.17	0.66	0.65	0.84	185	310
08-31-2020	13.50	0.23	0.66	0.89	(0.31)	(0.12)	(0.43)	13.96	6.76	0.66	0.65	1.73	207	347
08-31-2019	12.66	0.33	0.86	1.19	(0.35)	—	(0.35)	13.50	9.59	0.66	0.65	2.60	175	447
08-31-2018	13.15	0.27	(0.48)	(0.21)	(0.28)	—	(0.28)	12.66	(1.58)	0.67	0.66	2.08	161	277
Class NAV														
02-28-2023 ³	11.33	0.16	(0.38)	(0.22)	(0.20)	—	(0.20)	10.91	(1.94) ⁴	0.63 ⁵	0.62 ⁵	2.98 ⁵	1,536	115
08-31-2022	13.17	0.17	(1.77)	(1.60)	(0.24)	—	(0.24)	11.33	(12.30)	0.62	0.61	1.41	1,478	262
08-31-2021	13.94	0.12	(0.08)	0.04	(0.23)	(0.58)	(0.81)	13.17	0.22	0.61	0.60	0.89	1,604	310
08-31-2020	13.47	0.24	0.66	0.90	(0.31)	(0.12)	(0.43)	13.94	6.90	0.61	0.60	1.81	2,507	347
08-31-2019	12.64	0.34	0.84	1.18	(0.35)	—	(0.35)	13.47	9.58	0.61	0.60	2.63	2,693	447
08-31-2018	13.13	0.27	(0.47)	(0.20)	(0.29)	—	(0.29)	12.64	(1.54)	0.62	0.61	2.14	1,548	277
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Not annualized. 5. Annualized.														
Health Sciences Fund														
Class NAV														
02-28-2023 ³	4.75	(0.01)	0.04	0.03	—	(0.14)	(0.14)	4.64	0.53 ⁴	1.00 ⁵	0.95 ⁵	(0.24) ⁵	300	15
08-31-2022	6.91	(0.02)	(1.22)	(1.24)	—	(0.92)	(0.92)	4.75	(19.99)	1.03	0.97	(0.32)	317	30
08-31-2021	5.60	(0.02)	1.71	1.69	—	(0.38)	(0.38)	6.91	31.27	1.02	0.97	(0.38)	427	35
08-31-2020	4.53	(0.01)	1.27	1.26	—	(0.19)	(0.19)	5.60	28.39	1.11	1.05	(0.28)	428	47
08-31-2019	5.10	(0.01)	(0.28)	(0.29)	—	(0.28)	(0.28)	4.53	(4.87)	1.11	1.05	(0.17)	272	42
08-31-2018	5.01	(0.01)	0.95	0.94	—	(0.85)	(0.85)	5.10	22.04	1.10	1.04	(0.30)	309	46
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Not annualized. 5. Annualized.														

John Hancock Funds II

Financial highlights

Per share operating performance for a share outstanding throughout each period										Ratios and supplemental data					
Period ended	Income (loss) from investment operations			Less distributions				Net asset value, end of period (\$)	Total return (%) ²	Ratios to average net assets				Portfolio turnover (%)	
	Net asset value, beginning of period (\$)	Net investment income (loss) (\$) ¹	Net realized and unrealized gain (loss) on investments (\$)	Total from investment operations (\$)	From net investment income (\$)	From net realized gain (\$)	Total distributions (\$)			Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)		
High Yield Fund															
Class 1															
02-28-2023 ³	6.91	0.23	(0.07)	0.16	(0.25)	—	(0.25)	6.82	2.53 ⁴	0.86 ⁵	0.85 ⁵	6.93 ⁵	193	16	
08-31-2022	8.31	0.41	(1.39)	(0.98)	(0.42)	—	(0.42)	6.91	(12.21)	0.84	0.83	5.30	208	43	
08-31-2021	7.86	0.40	0.46	0.86	(0.41)	—	(0.41)	8.31	11.30	0.84	0.83	4.91	279	82	
08-31-2020	8.04	0.43	(0.14)	0.29	(0.47)	—	(0.47)	7.86	4.01	0.85	0.84	5.54	202	81	
08-31-2019	8.17	0.46	(0.10)	0.36	(0.49)	—	(0.49)	8.04	4.32	0.82	0.81	5.77	250	51	
08-31-2018	8.30	0.47	(0.12)	0.35	(0.48)	—	(0.48)	8.17	4.81	0.79	0.79	5.69	282	60	
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Not annualized. 5. Annualized.															
International Strategic Equity Allocation Fund															
Class NAV															
02-28-2023 ³	8.54	0.07	0.54	0.61	(0.20)	—	(0.20)	8.95	7.30 ⁴	0.70 ⁵	0.56 ⁵	1.56 ⁵	4,124	— ⁶	
08-31-2022	11.48	0.31	(2.64)	(2.33)	(0.29)	(0.32)	(0.61)	8.54	(21.25)	0.70	0.56	3.19	3,962	78 ⁷	
08-31-2021	9.55	0.19	1.92	2.11	(0.18)	—	(0.18)	11.48	22.25	0.69	0.56	1.81	1,729	63	
08-31-2020	9.01	0.19	0.62	0.81	(0.27)	—	(0.27)	9.55	8.98	0.69	0.56	2.07	1,714	76	
08-31-2019	11.21	0.26	(0.85)	(0.59)	(0.26)	(1.35)	(1.61)	9.01	(3.97)	0.69	0.56	2.74	1,634	57	
08-31-2018	11.78	0.25	(0.01)	0.24	(0.29)	(0.52)	(0.81)	11.21	1.81	0.68	0.55	2.15	1,832	94	
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Not annualized. 5. Annualized. 6. Less than 1%. 7. Excludes in-kind transactions.															
Mid Value Fund															
Class NAV															
02-28-2023 ³	17.35	0.11	1.52	1.63	(0.10)	(2.85)	(2.95)	16.03	11.11 ⁴	0.92 ⁵	0.87 ⁵	1.31 ⁵	1,436	26	
08-31-2022	19.15	0.14	(0.35)	(0.21)	(0.15)	(1.44)	(1.59)	17.35	(1.38)	0.95	0.90	0.76	1,377	36	
08-31-2021	14.91	0.13	4.70	4.83	(0.21)	(0.38)	(0.59)	19.15	33.10	0.99	0.93	0.76	1,847	41	
08-31-2020	14.27	0.17	0.90	1.07	(0.26)	(0.17)	(0.43)	14.91	7.40	0.99	0.94	1.18	1,322	45	
08-31-2019	17.08	0.22	(1.81)	(1.59)	(0.15)	(1.07)	(1.22)	14.27	(8.82)	0.99	0.94	1.48	1,231	42	
08-31-2018	16.00	0.12	1.90	2.02	(0.13)	(0.81)	(0.94)	17.08	12.96	0.99	0.94	0.72	1,439	39	
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Not annualized. 5. Annualized.															
Science & Technology Fund															
Class NAV															
02-28-2023 ³	1.38	— ⁴	0.08	0.08	—	(0.15)	(0.15)	1.31	7.70 ⁵	1.09 ⁶	1.04 ⁶	(0.59) ⁶	127	53	
08-31-2022	5.53	(0.01)	(0.89)	(0.90)	—	(3.25)	(3.25)	1.38	(33.02)	1.10	1.05	(0.71)	154	124	
08-31-2021	5.22	(0.03)	1.47	1.44	(0.01)	(1.12)	(1.13)	5.53	30.29	1.10	1.04	(0.57)	217	86	
08-31-2020	3.87	0.02 ⁷	1.69	1.71	—	(0.36)	(0.36)	5.22	47.55	1.10	1.06	0.40 ⁷	363	116	
08-31-2019	5.99	(0.01)	(0.32)	(0.33)	—	(1.79)	(1.79)	3.87	3.19	1.10	1.06	(0.36)	284	110	
08-31-2018	13.85	(0.03)	2.33	2.30	—	(10.16)	(10.16)	5.99	30.59	1.10	1.05	(0.47)	252	108	
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Less than \$0.005 per share. 5. Not annualized. 6. Annualized. 7. Net investment income (loss) per share and ratio of net investment income (loss) to average net assets reflect a special dividend received by the fund, which amounted to \$0.04 and 1.00%, respectively.															
U.S. Sector Rotation Fund															
Class NAV															
02-28-2023 ³	8.56	0.06	(0.01)	0.05	(0.08)	(0.15)	(0.23)	8.38	0.62 ⁴	0.68 ⁵	0.54 ⁵	1.36 ⁵	4,291	37	
08-31-2022	12.62	0.10	(1.22)	(1.12)	(0.11)	(2.83)	(2.94)	8.56	(12.17)	0.66	0.52	1.05	4,411	118 ⁶	
08-31-2021	10.76	0.10	2.93	3.03	(0.17)	(1.00)	(1.17)	12.62	30.62	0.67	0.53	0.87	1,208	91	
08-31-2020	9.86	0.16	1.79	1.95	(0.19)	(0.86)	(1.05)	10.76	20.74	0.67	0.54	1.63	1,295	113	
08-31-2019	13.13	0.17	(0.72)	(0.55)	(0.19)	(2.53)	(2.72)	9.86	(0.34)	0.66	0.53	1.66	1,497	92	
08-31-2018	11.57	0.15	2.14	2.29	(0.17)	(0.56)	(0.73)	13.13	20.43	0.66	0.53	1.26	1,714	128	
1. Based on average daily shares outstanding. 2. Total returns would have been lower had certain expenses not been reduced during the applicable periods. 3. Six months ended 2-28-23. Unaudited. 4. Not annualized. 5. Annualized. 6. Excludes in-kind transactions.															

John Hancock Funds II

Notes to financial statements (unaudited)

1. Organization

John Hancock Funds II (the Trust) is an open-end management investment company organized as a Massachusetts business trust. The Trust is registered under the Investment Company Act of 1940, as amended (the 1940 Act). It is a series company with multiple investment series, nine of which are presented in this report (the funds).

The funds may offer multiple classes of shares. The shares currently offered by a specific fund are detailed in the Statements of assets and liabilities. Class 1 shares are offered only to certain affiliates of Manulife Financial Corporation. Class NAV shares are offered to John Hancock affiliated funds of funds, retirement plans for employees of John Hancock and/or Manulife Financial Corporation, and certain 529 plans. Shareholders of each class have exclusive voting rights to matters that affect that class. The distribution and service fees, if any, and transfer agent fees for each class may differ.

2. Significant accounting policies

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (US GAAP), which require management to make certain estimates and assumptions as of the date of the financial statements. Actual results could differ from those estimates and those differences could be significant. The funds qualify as investment companies under Topic 946 of Accounting Standards Codification of US GAAP.

Events or transactions occurring after the end of the fiscal period through the date that the financial statements were issued have been evaluated in the preparation of the financial statements. The following summarizes the significant accounting policies of the funds:

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 Advisor's 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 are typically 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 whose settlement prices are determined as of the close of the NYSE are typically valued based on the settlement price while other 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 of the Advisor 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 Pricing Committee following procedures established by the Advisor and adopted 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 Pricing Committee, following procedures established by the Advisor and adopted by the Board of Trustees. The Advisor uses 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 Advisor's 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.

Significant accounting policies, continued

The following is a summary of the values by input classification of the funds' investments as of February 28, 2023, by major security category or type:

	Total value at 2-28-23	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	\$120,540,255	\$120,540,255	—	—
Consumer discretionary	320,474,368	279,130,018	\$41,344,350	—
Consumer staples	52,257,248	36,520,252	15,736,996	—
Energy	21,953,063	21,953,063	—	—
Financials	38,451,188	38,451,188	—	—
Health care	179,610,444	179,610,444	—	—
Industrials	33,485,944	33,485,944	—	—
Information technology	509,541,893	494,578,092	14,963,801	—
Real estate	18,122,667	18,122,667	—	—
Preferred securities	9,313,820	—	9,313,820	—
Short-term investments	7,809,541	7,809,541	—	—
Total investments in securities	\$1,311,560,431	\$1,230,201,464	\$81,358,967	—
Capital Appreciation Value Fund				
Investments in securities:				
Assets				
Common stocks	\$787,975,193	\$776,810,334	\$11,164,859	—
Preferred securities	5,651,262	5,651,262	—	—
U.S. Government and Agency obligations	107,597,203	—	107,597,203	—
Corporate bonds	113,656,476	—	113,656,476	—
Convertible bonds	924,140	—	924,140	—
Term loans	147,339,044	—	147,339,044	—
Short-term investments	48,141,652	48,141,652	—	—
Total investments in securities	\$1,211,284,970	\$830,603,248	\$380,681,722	—
Derivatives:				
Liabilities				
Written options	\$(8,324,189)	—	\$(8,324,189)	—
Core Bond Fund				
Investments in securities:				
Assets				
U.S. Government and Agency obligations	\$938,850,393	—	\$938,850,393	—
Foreign government obligations	14,528,256	—	14,528,256	—
Corporate bonds	431,394,388	—	431,394,388	—
Municipal bonds	3,790,310	—	3,790,310	—
Collateralized mortgage obligations	154,352,596	—	154,352,596	—
Asset backed securities	179,079,745	—	179,079,745	—
Short-term investments	59,533,497	\$59,533,497	—	—
Total investments in securities	\$1,781,529,185	\$59,533,497	\$1,721,995,688	—
Liabilities				
Sale commitments outstanding	\$(10,379,351)	—	\$(10,379,351)	—
Health Sciences Fund				
Investments in securities:				
Assets				
Common stocks				
Consumer discretionary	\$404,130	\$404,130	—	—
Health care	294,606,020	287,183,151	\$7,384,659	\$38,210
Materials	133,918	133,918	—	—
Preferred securities	2,046,107	—	2,046,107	—

Significant accounting policies, continued

	Total value at 2-28-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Health Sciences Fund (continued)				
Warrants	\$2,823	\$2,823	—	—
Short-term investments	1,443,728	1,443,728	—	—
Total investments in securities	\$298,636,726	\$289,167,750	\$9,430,766	\$38,210

High Yield Fund

Investments in securities:

Assets				
Foreign government obligations	\$754,924	—	\$754,924	—
Corporate bonds	159,185,792	—	159,185,792	—
Convertible bonds	1,373,336	—	1,373,336	—
Term loans	11,232,653	—	10,769,576	\$463,077
Asset backed securities	14,362,749	—	14,362,749	—
Common stocks	1,170,031	\$1,140,976	—	29,055
Preferred securities	576,891	—	—	576,891
Short-term investments	5,836,611	5,836,611	—	—
Total investments in securities	\$194,492,987	\$6,977,587	\$186,446,377	\$1,069,023

Derivatives:

Assets				
Forward foreign currency contracts	\$12,566	—	\$12,566	—
Swap contracts	67,582	—	67,582	—
Liabilities				
Futures	(47,178)	\$(47,178)	—	—
Forward foreign currency contracts	(10,319)	—	(10,319)	—
Swap contracts	(135,671)	—	(135,671)	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

International Strategic Equity Allocation Fund

Investments in securities:

Assets				
Common stocks				
Australia	\$226,007,624	—	\$226,007,624	—
Austria	6,658,064	—	6,658,064	—
Belgium	11,155,511	—	11,155,511	—
Brazil	43,639,196	\$43,639,196	—	—
Canada	386,737,155	386,600,017	—	\$137,138
Chile	6,375,900	—	6,375,900	—
China	345,865,573	31,260,372	314,222,915	382,286
Colombia	2,168,627	2,168,627	—	—
Czech Republic	1,626,643	—	1,626,643	—
Denmark	80,727,484	—	80,727,484	—
Finland	22,538,860	—	22,538,860	—
France	317,057,526	—	317,057,526	—
Germany	180,491,427	—	180,491,427	—
Hong Kong	88,856,452	728,985	88,003,253	124,214
Hungary	2,375,577	—	2,375,577	—
India	117,528,861	—	117,528,861	—
Indonesia	22,412,445	—	22,412,445	—
Ireland	26,905,888	1,030,260	25,875,628	—
Israel	15,175,489	5,705,511	9,469,978	—
Italy	38,239,463	—	38,239,463	—
Japan	396,675,586	—	396,675,586	—
Jordan	870,701	—	870,701	—
Luxembourg	6,678,188	—	6,678,188	—
Macau	1,323,178	—	1,323,178	—

Significant accounting policies, continued

	Total value at 2-28-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
International Strategic Equity Allocation Fund (continued)				
Malaysia	\$26,639,448	—	\$26,639,448	—
Mexico	32,356,243	\$32,356,243	—	—
Netherlands	87,988,962	—	87,988,962	—
New Zealand	7,590,305	—	7,590,305	—
Norway	16,970,760	—	16,970,760	—
Peru	3,044,389	3,044,389	—	—
Philippines	8,616,988	—	8,616,988	—
Poland	7,454,976	—	7,454,976	—
Portugal	3,066,590	—	3,066,590	—
Qatar	8,988,719	—	8,988,719	—
Saudi Arabia	45,963,957	—	45,963,957	—
Singapore	26,711,476	3,455,033	23,256,443	—
South Africa	35,020,288	—	35,020,288	—
South Korea	134,996,107	—	134,996,107	—
Spain	49,768,301	—	49,768,301	—
Sweden	53,929,508	—	53,929,508	—
Switzerland	228,142,726	—	228,142,726	—
Taiwan	100,568,694	—	100,568,694	—
Thailand	23,415,031	—	23,114,721	\$300,310
Turkey	4,070,679	—	4,070,679	—
United Arab Emirates	14,177,418	—	14,177,418	—
United Kingdom	540,761,827	1,368,290	539,393,537	—
United States	5,730,975	5,484,570	246,405	—
Preferred securities				
Brazil	14,685,715	14,685,715	—	—
Chile	2,375,228	—	2,375,228	—
Colombia	1,015,505	1,015,505	—	—
Germany	9,672,555	—	9,672,555	—
South Korea	7,506,601	—	7,506,601	—
Rights	591,858	—	591,858	—
Warrants	91,680	91,680	—	—
Short-term investments	285,083,132	37,920,984	247,162,148	—
Total investments in securities	\$4,135,088,059	\$570,555,377	\$3,563,588,734	\$943,948
Derivatives:				
Liabilities				
Futures	\$(3,992,368)	\$(3,992,368)	—	—

Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Mid Value Fund

Investments in securities:

Assets

Common stocks

Communication services	\$70,050,004	\$70,050,004	—	—
Consumer discretionary	126,476,300	107,777,680	\$18,698,620	—
Consumer staples	103,029,275	94,025,369	9,003,906	—
Energy	123,060,903	123,060,903	—	—
Financials	213,401,608	213,401,608	—	—
Health care	150,095,152	130,191,623	19,903,529	—
Industrials	206,688,213	168,992,576	37,695,637	—
Information technology	120,255,123	120,255,123	—	—
Materials	94,772,053	85,744,523	9,027,530	—
Real estate	84,951,493	84,951,493	—	—
Utilities	76,661,961	76,661,961	—	—

Significant accounting policies, continued

	Total value at 2-28-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Mid Value Fund (continued)				
Short-term investments	\$96,486,698	\$96,486,698	—	—
Total investments in securities	\$1,465,928,783	\$1,371,599,561	\$94,329,222	—

Science & Technology Fund

Investments in securities:

Assets				
Common stocks				
Communication services	\$18,238,885	\$18,209,447	—	\$29,438
Consumer discretionary	28,240,905	17,874,961	\$10,365,944	—
Health care	391,620	391,620	—	—
Information technology	75,056,192	73,210,183	1,846,009	—
Real estate	427,602	427,602	—	—
Short-term investments	6,593,584	6,593,584	—	—
Total investments in securities	\$128,948,788	\$116,707,397	\$12,211,953	\$29,438

U.S. Sector Rotation Fund

Investments in securities:

Assets				
Common stocks				
Communication services	\$322,131,397	\$322,131,397	—	—
Consumer discretionary	443,479,395	443,475,573	\$3,822	—
Consumer staples	298,537,357	298,537,357	—	—
Energy	240,146,981	240,146,981	—	—
Financials	459,532,269	459,532,269	—	—
Health care	641,024,119	641,017,441	—	\$6,678
Industrials	331,922,372	331,922,372	—	—
Information technology	1,146,466,893	1,146,466,893	—	—
Materials	107,805,056	107,805,056	—	—
Real estate	105,537,413	105,537,413	—	—
Utilities	109,893,823	109,893,823	—	—
Short-term investments	74,089,322	74,089,322	—	—
Total investments in securities	\$4,280,566,397	\$4,280,555,897	\$3,822	\$6,678

Derivatives:

Liabilities

Futures	\$(3,780,330)	\$(3,780,330)	—	—
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Level 3 includes securities valued at \$0. Refer to Portfolio of Investments.

Real estate investment trusts. The funds may invest in real estate investment trusts (REITs). Distributions from REITs may be recorded as income and subsequently characterized by the REIT at the end of their fiscal year as a reduction of cost of investments and/or as a realized gain. As a result, the funds will estimate the components of distributions from these securities. Such estimates are revised when the actual components of the distributions are known.

When-issued/delayed-delivery securities. The funds may purchase or sell debt securities on a when-issued or delayed-delivery basis, or in a “To Be Announced” (TBA) or “forward commitment” transaction, with delivery or payment to occur at a later date beyond the normal settlement period. TBA securities resulting from these transactions are included in the portfolio or in a schedule to the portfolio (Sale Commitments Outstanding). At the time a fund enters into a commitment to purchase or sell a security, the transaction is recorded and the value of the security is reflected in its NAV. The price of such security and the date that the security will be delivered and paid for are fixed at the time the transaction is negotiated. The value of the security may vary with market fluctuations. No interest accrues until settlement takes place. At the time that the fund enters into this type of transaction, the fund is required to have sufficient cash and/or liquid securities to cover its commitments.

Certain risks may arise upon entering into when-issued or delayed-delivery securities transactions, including the potential inability of counterparties to meet the terms of their contracts, and the issuer's failure to issue the securities due to political, economic or other factors. Additionally, losses may arise due to changes in the value of the securities purchased or sold prior to settlement date. As a result, the fund has paid (received) cash collateral to (from) certain counterparties to these transactions, which is recorded as Cash collateral at broker for sale commitments (Payable for collateral on sale commitments), as follows:

Fund	Counterparty	Collateral Paid/ (Received)
Core Bond Fund	Barclays PLC	\$300,000

Significant accounting policies, continued

Fund	Counterparty	Collateral Paid/ (Received)
	Morgan Stanley	\$110,000
	Total	\$410,000
	Citibank	\$(150,000)

Term loans (Floating rate loans). The funds may invest in term loans, which are debt securities and are often rated below investment grade at the time of purchase. Term loans are generally subject to legal or contractual restrictions on resale and generally have longer settlement periods than conventional debt securities. Term loans involve special types of risk, including credit risk, interest-rate risk, counterparty risk, and risk associated with extended settlement. The liquidity of term loans, including the volume and frequency of secondary market trading in such loans, varies significantly over time and among individual loans. During periods of infrequent trading, valuing a term loan can be more difficult and buying and selling a term loan at an acceptable price can be more difficult and delayed, which could result in a loss.

The funds' ability to receive payments of principal, interest and other amounts in connection with term loans will depend primarily on the financial condition of the borrower. The funds' failure to receive scheduled payments on a term loan due to a default, bankruptcy or other reason would adversely affect the funds' income and would likely reduce the value of its assets. Transactions in loan investments typically take a significant amount of time (i.e., seven days or longer) to settle. This could pose a liquidity risk to the funds and, if the funds' exposure to such investments is substantial, it could impair the funds' ability to meet redemptions. Because term loans may not be rated by independent credit rating agencies, a decision to invest in a particular loan could depend exclusively on the subadvisor's credit analysis of the borrower and/or term loan agents. There is greater risk that the funds may have limited rights to enforce the terms of an underlying loan than for other types of debt instruments.

At February 28, 2023, Capital Appreciation Value Fund had \$496,345 in unfunded loan commitments outstanding.

Mortgage and asset backed securities. The funds may invest in mortgage-related securities, such as mortgage-backed securities, and other asset-backed securities, which are debt obligations that represent interests in pools of mortgages or other income-bearing assets, such as consumer loans or receivables. Such securities often involve risks that are different from the risks associated with investing in other types of debt securities. Mortgage-backed and other asset-backed securities are subject to changes in the payment patterns of borrowers of the underlying debt. When interest rates fall, borrowers are more likely to refinance or prepay their debt before its stated maturity. This may result in the funds having to reinvest the proceeds in lower yielding securities, effectively reducing the funds' income. Conversely, if interest rates rise and borrowers repay their debt more slowly than expected, the time in which the mortgage-backed and other asset-backed securities are paid off could be extended, reducing the funds' cash available for reinvestment in higher yielding securities. The timely payment of principal and interest of certain mortgage-related securities is guaranteed with the full faith and credit of the U.S. Government. Pools created and guaranteed by non-governmental issuers, including government-sponsored corporations (e.g. FNMA), may be supported by various forms of insurance or guarantees, but there can be no assurance that private insurers or guarantors can meet their obligations under the insurance policies or guarantee arrangements. The funds are also subject to risks associated with securities with contractual cash flows including asset-backed and mortgage related securities such as collateralized mortgage obligations, mortgage pass-through securities and commercial mortgage-backed securities. The value, liquidity and related income of these securities are sensitive to changes in economic conditions, including real estate value, pre-payments, delinquencies and/or defaults, and may be adversely affected by shifts in the market's perception of the issuers and changes in interest rates.

Payment-in-kind bonds. The funds may invest in payment-in-kind bonds (PIK Bonds). PIK Bonds allow the issuer, at its option, to make current interest payments on the bonds either in cash or in additional bonds. The market prices of PIK Bonds are affected to a greater extent by interest rate changes and thereby tend to be more volatile than securities which pay cash interest periodically. Income on these securities is computed at the contractual rate specified and is added to the principal balance of the bond. This income is required to be distributed to shareholders. Because no cash is received at the time income accrues on these securities, the funds may need to sell other investments to make distributions.

Security transactions and related investment income. Investment security transactions are accounted for on a trade date plus one basis for daily NAV calculations. However, for financial reporting purposes, investment transactions are reported on trade date. Interest income is accrued as earned. Interest income includes coupon interest and amortization/accretion of premiums/discounts on debt securities. Debt obligations may be placed in a non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivable when the collection of all or a portion of interest has become doubtful. Dividend income is recorded on ex-date, except for dividends of certain foreign securities where the dividend may not be known until after the ex-date. In those cases, dividend income, net of withholding taxes, is recorded when the fund becomes aware of the dividends. Non-cash dividends, if any, are recorded at the fair market value of the securities received. Distributions received on securities that represent a tax return of capital and/or capital gain, if any, are recorded as a reduction of cost of investments and/or as a realized gain, if amounts are estimable. Gains and losses on securities sold are determined on the basis of identified cost and may include proceeds from litigation. Return of capital distributions from underlying funds, if any, are treated as a reduction of cost.

Securities lending. The funds may lend their securities to earn additional income. The funds receive collateral from the borrower in an amount not less than the market value of the loaned securities. The funds may invest their cash collateral in JHCT, an affiliate of the funds, which has a floating NAV and is registered with the Securities and Exchange Commission (SEC) as an investment company. JHCT is a prime money market fund and invests in short-term money market investments. Each fund will receive the benefit of any gains and bear any losses generated by JHCT with respect to the cash collateral.

The funds have the right to recall loaned securities on demand. If a borrower fails to return loaned securities when due, then the lending agent is responsible and indemnifies the funds for the lent securities. The lending agent uses the collateral received from the borrower to purchase replacement securities of the same issue, type, class and series of the loaned securities. If the value of the collateral is less than the purchase cost of replacement securities, the lending agent is responsible for satisfying the shortfall but only to the extent that the shortfall is not due to any decrease in the value of JHCT.

Although the risk of loss on securities lent is mitigated by receiving collateral from the borrower and through lending agent indemnification, the funds could experience a delay in recovering securities or could experience a lower than expected return if the borrower fails to return the securities on a timely basis. During the existence of the loan, the funds will receive from the borrower amounts equivalent to any dividends, interest or other distributions on the loaned securities, as well as interest on such amounts. The funds receive compensation for lending their securities by retaining a portion of the return on

Significant accounting policies, continued

the investment of the collateral and compensation from fees earned from borrowers of the securities. Securities lending income received by the funds is net of fees retained by the securities lending agent. Net income received from JHCT is a component of securities lending income as recorded on the Statements of operations.

Obligations to repay collateral received by the funds are shown on the Statements of assets and liabilities as Payable upon return of securities loaned and are secured by the loaned securities. The following table summarizes the values of securities loaned by the funds and the corresponding cash collateral received at February 28, 2023. In addition, non-cash collateral in the form of U.S. Treasuries was pledged, as indicated below. This non-cash collateral cannot be sold or repurchased by the funds, and accordingly, is not reflected in the funds' net assets.

Fund	Market value of securities on loan	Cash collateral received	Non-cash collateral
Capital Appreciation Fund	\$9,093,357	\$2,799,834	\$6,773,181
Capital Appreciation Value Fund	1,630,069	1,685,260	—
Core Bond Fund	1,142,128	1,164,869	—
High Yield Fund	5,342,331	5,496,274	—
International Strategic Equity Allocation Fund	35,319,336	37,998,358	—
Mid Value Fund	27,575,921	28,347,988	—
Science & Technology Fund	622,517	635,781	—
U.S. Sector Rotation Fund	4,311,755	4,400,547	—

Foreign investing. Assets, including investments, and liabilities denominated in foreign currencies are translated into U.S. dollar values each day at the prevailing exchange rate. Purchases and sales of securities, income and expenses are translated into U.S. dollars at the prevailing exchange rate on the date of the transaction. The effect of changes in foreign currency exchange rates on the value of securities is reflected as a component of the realized and unrealized gains (losses) on investments. Foreign investments are subject to a decline in the value of a foreign currency versus the U.S. dollar, which reduces the dollar value of securities denominated in that currency.

Funds that invest internationally generally carry more risk than funds that invest strictly in U.S. securities. These risks are heightened for investments in emerging markets. Risks can result from differences in economic and political conditions, regulations, market practices (including higher transaction costs), accounting standards and other factors.

There may be unexpected restrictions on investments or on exposures to investments in companies located in certain foreign countries, such as China. For example, a government may restrict investment in companies or industries considered important to national interests, or intervene in the financial markets, such as by imposing trading restrictions, or banning or curtailing short selling. As a result of forced sales of a security, or inability to participate in an investment the manager otherwise believes is attractive, a fund may incur losses.

Trading in certain Chinese securities through Hong Kong Stock Connect or Bond Connect, mutual market access programs that enable foreign investment in the People's Republic of China, is subject to certain restrictions and risks. Securities offered through these programs may lose purchase eligibility and any changes in laws, regulations and policies impacting these programs may affect security prices, which could adversely affect the fund's performance.

Foreign taxes. The funds may be subject to withholding tax on income, capital gains or repatriations imposed by certain countries, a portion of which may be recoverable. Foreign taxes are accrued based upon the funds' understanding of the tax rules and rates that exist in the foreign markets in which it invests. Taxes are accrued based on gains realized by the funds as a result of certain foreign security sales. In certain circumstances, estimated taxes are accrued based on unrealized appreciation of such securities. Investment income is recorded net of foreign withholding taxes.

Overdraft. The funds may have the ability to borrow from banks for temporary or emergency purposes, including meeting redemption requests that otherwise might require the untimely sale of securities. Pursuant to the funds' custodian agreement, the custodian may loan money to the funds to make properly authorized payments. The funds are obligated to repay the custodian for any overdraft, including any related costs or expenses. The custodian may have a lien, security interest or security entitlement in any fund property that is not otherwise segregated or pledged, to the extent of any overdraft, and to the maximum extent permitted by law. Overdrafts at period end, if any, are presented under the caption Due to custodian in the Statements of assets and liabilities.

Line of credit. The funds and other affiliated funds, excluding Core Bond Fund, have entered into a syndicated line of credit agreement with Citibank, N.A. as the administrative agent that enables them to participate in a \$1 billion unsecured committed line of credit. Excluding commitments designated for a certain fund and subject to the needs of all other affiliated funds, a fund can borrow up to an aggregate commitment amount of \$750 million, subject to asset coverage and other limitations as specified in the agreement.

Core Bond Fund and other affiliated funds have entered into an unsecured \$50 million line of credit agreement with BNP Paribas. Subject to the needs of other affiliated funds, Core Bond Fund can borrow up to the \$50 million, subject to asset coverage and other limitations as specified in the agreement.

A commitment fee payable at the end of each calendar quarter, based on the average daily unused portion of each line of credit, is charged to each participating fund based on a combination of fixed and asset-based allocations and is reflected in Other expenses on the Statements of operations. For the six months ended February 28, 2023, the funds had no borrowings under the line of credit.

Commitment fees for the six months ended February 28, 2023 were as follows:

Fund	Commitment fee
Capital Appreciation Fund	\$3,571
Capital Appreciation Value Fund	3,392
Core Bond Fund	14,116
Health Sciences Fund	1,970
High Yield Fund	1,806
International Strategic Equity Allocation Fund	7,622

Significant accounting policies, continued

Fund	Commitment fee
Mid Value Fund	\$3,624
Science & Technology Fund	1,713
U.S. Sector Rotation Fund	8,269

Expenses. Within the John Hancock group of funds complex, expenses that are directly attributable to an individual fund are allocated to such fund. Expenses that are not readily attributable to a specific fund are allocated among all funds in an equitable manner, taking into consideration, among other things, the nature and type of expense and the fund's relative net assets. Expense estimates are accrued in the period to which they relate and adjustments are made when actual amounts are known.

Class allocations. Income, common expenses and realized and unrealized gains (losses) are determined at the fund level and allocated daily to each class of shares based on the net assets of the class. Class-specific expenses, such as distribution and service fees, if any, and transfer agent fees, for all classes, are charged daily at the class level based on the net assets of each class and the specific expense rates applicable to each class.

Federal income taxes. Each fund intends to continue to qualify as a regulated investment company by complying with the applicable provisions of the Internal Revenue Code and will not be subject to federal income tax on taxable income that is distributed to shareholders. Therefore, no federal income tax provision is required.

For federal income tax purposes, as of August 31, 2022, certain funds have capital loss carryforwards available to offset future net realized capital gains. The following table details the capital loss carryforwards available as of August 31, 2022:

Fund	No Expiration Date	
	Short Term	Long Term
Core Bond Fund	\$84,409,177	\$12,782,688
High Yield Fund	2,923,109	97,397,139

As of August 31, 2022, the funds had no uncertain tax positions that would require financial statement recognition, derecognition or disclosure. The funds' federal tax returns are subject to examination by the Internal Revenue Service for a period of three years.

For federal income tax purposes, the costs of investments owned on February 28, 2023, including short-term investments, were as follows:

Fund	Aggregate cost	Unrealized appreciation	Unrealized (depreciation)	Net unrealized appreciation/ (depreciation)
Capital Appreciation Fund	\$743,106,216	\$593,332,157	\$(24,877,942)	\$568,454,215
Capital Appreciation Value Fund	1,184,285,416	58,954,243	(40,278,878)	18,675,365
Core Bond Fund	1,900,395,894	4,568,899	(133,814,959)	(129,246,060)
Health Sciences Fund	222,479,741	97,585,444	(21,428,459)	76,156,985
High Yield Fund	233,999,924	1,517,825	(41,137,782)	(39,619,957)
International Strategic Equity Allocation Fund	4,407,078,674	197,269,902	(473,252,885)	(275,982,983)
Mid Value Fund	1,207,938,626	320,854,172	(62,864,015)	257,990,157
Science & Technology Fund	139,463,286	13,645,838	(24,160,336)	(10,514,498)
U.S. Sector Rotation Fund	4,598,776,076	202,713,259	(524,703,268)	(321,990,009)

Distribution of income and gains. Distributions to shareholders from net investment income and net realized gains, if any, are recorded on the ex-date. Core Bond Fund and High Yield Fund generally declare and pay dividends from net investment income quarterly. All other funds generally declare and pay dividends from net investment income annually. All funds generally declare and pay capital gain distributions, if any, annually.

Distributions paid by the funds with respect to each class of shares are calculated in the same manner, at the same time and in the same amount, except for the effect of class level expenses that may be applied differently to each class.

Such distributions, on a tax basis, are determined in conformity with income tax regulations, which may differ from US GAAP. Distributions in excess of tax basis earnings and profits, if any, are reported in the funds' financial statements as a return of capital. The final determination of tax characteristics of the fund's distribution will occur at the end of the year and will subsequently be reported to shareholders.

Capital accounts within the financial statements are adjusted for permanent book-tax differences. These adjustments have no impact on net assets or the results of operations. Temporary book-tax differences, if any, will reverse in a subsequent period. Book-tax differences are primarily attributable to net operating losses, investments in passive foreign investment companies, wash sale loss deferrals, derivative transactions and amortization and accretion on debt securities.

3. Derivative instruments

The funds may invest in derivatives in order to meet their investment objective. Derivatives include a variety of different instruments that may be traded in the over-the-counter (OTC) market, on a regulated exchange or through a clearing facility. The risks in using derivatives vary depending upon the structure of the instruments, including the use of leverage, optionality, the liquidity or lack of liquidity of the contract, the creditworthiness of the counterparty or clearing organization and the volatility of the position. Some derivatives involve risks that are potentially greater than the risks associated with investing directly in the referenced securities or other referenced underlying instrument. Specifically, the funds are exposed to the risk that the counterparty to an OTC derivatives contract will be unable or unwilling to make timely settlement payments or otherwise honor its obligations. OTC derivatives transactions typically can only be closed out with the other party to the transaction.

Derivative instruments, continued

Derivatives which are typically traded through the OTC market are regulated by the Commodity Futures Trading Commission (the CFTC). Derivative counterparty risk is managed through an ongoing evaluation of the creditworthiness of all potential counterparties and, if applicable, designated clearing organizations. The funds attempt to reduce their exposure to counterparty risk for derivatives traded in the OTC market, whenever possible, by entering into an International Swaps and Derivatives Association (ISDA) Master Agreement with each of their OTC counterparties. The ISDA gives each party to the agreement the right to terminate all transactions traded under the agreement if there is certain deterioration in the credit quality or contractual default of the other party, as defined in the ISDA. Upon an event of default or a termination of the ISDA, the non-defaulting party has the right to close out all transactions and to net amounts owed.

As defined by the ISDA, the funds may have collateral agreements with certain counterparties to mitigate counterparty risk on OTC derivatives. Subject to established minimum levels, collateral for OTC transactions is generally determined based on the net aggregate unrealized gain or loss on contracts with a particular counterparty. Collateral pledged to the funds, if any, are held in a segregated account by a third-party agent or held by the custodian bank for the benefit of the funds and can be in the form of cash or debt securities issued by the U.S. government or related agencies; collateral posted by the funds, if any, for OTC transactions is held in a segregated account at the funds' custodian and is noted in the accompanying portfolio of investments, or if cash is posted, on the Statements of assets and liabilities. The funds' risk of loss due to counterparty risk is equal to the asset value of outstanding contracts offset by collateral received.

Certain derivatives are traded or cleared on an exchange or central clearinghouse. Exchange-traded or centrally-cleared transactions generally present less counterparty risk to a fund than OTC transactions. The exchange or clearinghouse stands between the funds and the broker to the contract and therefore, credit risk is generally limited to the failure of the exchange or clearinghouse and the clearing member.

Centrally-cleared swap contracts are subject to clearinghouse rules, including initial and variation margin requirements, daily settlement of obligations and the clearinghouse guarantee of payments to the broker. There is, however, still counterparty risk due to the potential insolvency of the broker with respect to any margin held in the brokers' customer accounts. While clearing members are required to segregate customer assets from their own assets, in the event of insolvency, there may be a shortfall in the amount of margin held by the broker for its clients. Collateral or margin requirements for centrally-cleared derivatives are set by the broker or applicable clearinghouse. Margin for centrally-cleared transactions is detailed in the Statements of assets and liabilities as Receivable/Payable for centrally-cleared swaps. Securities pledged by the funds for centrally-cleared transactions, if any, are identified in the Portfolio of investments.

Futures. A futures contract is a contractual agreement to buy or sell a particular currency or financial instrument at a pre-determined price in the future. Futures are traded on an exchange and cleared through a central clearinghouse. Risks related to the use of futures contracts include possible illiquidity of the futures markets and contract prices that can be highly volatile and imperfectly correlated to movements in the underlying financial instrument and potential losses in excess of the amounts recognized on the Statements of assets and liabilities. Use of long futures contracts subjects the funds to the risk of loss up to the notional value of the futures contracts. Use of short futures contracts subjects the funds to unlimited risk of loss.

Upon entering into a futures contract, the fund is required to deposit initial margin with the broker in the form of cash or securities. The amount of required margin is set by the broker and is generally based on a percentage of the contract value. The margin deposit must then be maintained at the established level over the life of the contract. Cash that has been pledged by a fund, if any, is detailed in the Statements of assets and liabilities as Collateral held at broker for futures contracts. Securities pledged by the funds, if any, are identified in the Portfolio of investments. Subsequent payments, referred to as variation margin, are made or received by a fund periodically and are based on changes in the market value of open futures contracts. Futures contracts are marked-to-market daily and unrealized gain or loss is recorded by the fund. Receivable/Payable for futures variation margin is included in the Statements of assets and liabilities. When the contract is closed, a fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed.

The following table details how the funds used futures contracts during the six months ended February 28, 2023. In addition, the table summarizes the range of notional contract amounts held by the funds, as measured at each quarter end:

Fund	Reason	USD Notional range
High Yield Fund	To manage duration of the fund.	From \$12.5 million to \$13.0 million
International Strategic Equity Allocation Fund	To manage against changes in foreign currency exchange rates, manage against change in certain securities markets and gain exposure to certain securities markets.	From \$208.9 million to \$292.4 million
U.S. Sector Rotation Fund	To manage against change in certain securities markets and gain exposure to certain securities markets.	From \$84.7 million to \$203.4 million

Forward foreign currency contracts. A forward foreign currency contract is an agreement between two parties to buy and sell specific currencies at a price that is set on the date of the contract. The forward contract calls for delivery of the currencies on a future date that is specified in the contract. Forwards are typically traded OTC. Risks related to the use of forwards include the possible failure of counterparties to meet the terms of the forward agreement, the failure of the counterparties to timely post collateral if applicable, and the risk that currency movements will not favor the funds thereby reducing the funds' total return, and the potential for losses in excess of the amounts recognized on the Statements of assets and liabilities.

The market value of a forward foreign currency contract fluctuates with changes in foreign currency exchange rates. Forward foreign currency contracts are marked-to-market daily and the change in value is recorded by the fund as an unrealized gain or loss. Realized gains or losses, equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed, are recorded upon delivery or receipt of the currency or settlement with the counterparty.

The following table details how the funds used forward foreign currency contracts during the six months ended February 28, 2023. In addition, the table summarizes the range of notional contract amounts held by the funds, as measured at each quarter end:

Fund	Reason	USD Notional range
High Yield Fund	To manage against changes in foreign currency exchange rates and to gain exposure to foreign currencies.	From \$1.1 million to \$1.3 million

Derivative instruments, continued

Options. There are two types of options, put options and call options. Options are traded either OTC or on an exchange. A call option gives the purchaser of the option the right to buy (and the seller the obligation to sell) the underlying asset at the exercise price. A put option gives the purchaser of the option the right to sell (and the writer the obligation to buy) the underlying asset at the exercise price. Writing puts and buying calls may increase the funds' exposure to changes in the value of the underlying instrument. Buying puts and writing calls may decrease the funds' exposure to such changes. Risks related to the use of options include the loss of premiums on purchased options, possible illiquidity of the options markets, trading restrictions imposed by an exchange and movements in underlying security values, and for written options, potential losses in excess of the amounts recognized on the Statements of assets and liabilities. In addition, OTC options are subject to the risks of all OTC derivatives contracts.

Purchased options are included in the Portfolio of investments and are subsequently "marked-to-market" to reflect current market value. If a purchased option expires, a fund realizes a loss equal to the premium paid for the option. Premiums paid for purchased options which are exercised or closed are added to the amounts paid or offset against the proceeds on the underlying asset transaction to determine the realized gain (loss). Written options are included as liabilities in the Statements of assets and liabilities and are "marked-to-market" to reflect the current market value. If the written option expires, a fund realizes a gain equal to the premium received. Premiums received from writing options which are exercised or closed are added to the proceeds or offset against amounts paid on the underlying asset transaction to determine the realized gain (loss).

The following table details how the funds used written options contracts during the six months ended February 28, 2023. In addition, the table summarizes the range of market value amounts held by the funds, as measured at each quarter end:

Fund	Reason	Market value range
Capital Appreciation Value Fund	To manage against changes in certain securities markets, to gain exposure to certain securities markets and to generate potential income from options premiums.	From \$1.0 million to \$8.3 million

Swaps. Swap agreements are agreements between the fund and a counterparty to exchange cash flows, assets, foreign currencies or market-linked returns at specified intervals. Swap agreements are privately negotiated in the OTC market (OTC swaps) or may be executed on a registered commodities exchange (centrally cleared swaps). Swaps are marked-to-market daily and the change in value is recorded as a component of unrealized appreciation/depreciation of swap contracts. The value of the swap will typically impose collateral posting obligations on the party that is considered out-of-the-money on the swap.

Upfront payments made/received by the funds, if any, are amortized/accreted for financial reporting purposes, with the unamortized/unaccreted portion included in the Statement of assets and liabilities. A termination payment by the counterparty or the funds is recorded as realized gain or loss, as well as the net periodic payments received or paid by the funds.

Entering into swap agreements involves, to varying degrees, elements of credit, market and documentation risk that may provide outcomes that produce losses in excess of the amounts recognized on the Statement of assets and liabilities. Such risks involve the possibility that there will be no liquid market for the swap, or that a counterparty may default on its obligation or delay payment under the swap terms. The counterparty may disagree or contest the terms of the swap. In addition to interest rate risk, market risks may also impact the swap. The funds may also suffer losses if it is unable to terminate or assign outstanding swaps or reduce its exposure through offsetting transactions.

Credit default swaps. Credit default swaps (CDS) involve the exchange of a fixed rate premium (paid by the Buyer), for protection against the loss in value of an underlying debt instrument, referenced entity or index, in the event of a defined credit event (such as payment default or bankruptcy). Under the terms of the swap, one party acts as a "guarantor" (the Seller), receiving the premium and agreeing to contingent payments that are specified within the credit default agreement. The funds may enter into CDS in which it may act as either Buyer or Seller. By acting as the Seller, the funds may incur economic leverage since it would be obligated to pay the Buyer the notional amount of the contract in the event of a default. The amount of loss in such case could be significant, but would typically be reduced by any recovery value on the underlying credit.

Credit default swaps — Buyer

The following table details how the funds used credit default swap contracts as the buyer during the six months ended February 28, 2023. In addition, the table summarizes the range of notional contract amounts held by the funds, as measured at each quarter end:

Fund	Reason	USD Notional range
High Yield Fund	To manage against potential credit events.	From \$2.7 million to \$3.3 million

Credit default swaps — Seller

Implied credit spreads are utilized in determining the market value of CDS agreements in which the fund is the Seller at period end. The implied credit spread generally represents the yield of the instrument above a credit-risk free rate, such as the U.S. Treasury Bond Yield, and may include upfront payments required to be made to enter into the agreement. It also serves as an indicator of the current status of the payment/performance risk and represents the likelihood or risk of default for the credit derivative. Wider credit spreads represent a deterioration of the referenced entity's creditworthiness and an increased risk of default or other credit event occurring as defined under the terms of the agreement.

For CDS agreements where implied credit spreads are not reported or available, the average credit rating on the underlying index is shown. A deterioration of the referenced entity's creditworthiness would indicate a greater likelihood of a credit event occurring and result in increasing market values, in absolute terms when compared to the notional amount of the swap. The maximum potential amount of future payments (undiscounted) that the fund as the Seller could be required to make under any CDS agreement equals the notional amount of the agreement.

The following table details how the funds used credit default swap contracts as the seller during the six months ended February 28, 2023. In addition, the table summarizes the range of notional contract amounts held by the funds, as measured at each quarter end:

Fund	Reason	USD Notional range
High Yield Fund	To gain credit exposure to an issuer or index.	Up to \$1.8 million

Derivative instruments, continued

Fair value of derivative instruments by risk category

The table below summarizes the fair value of derivatives held by the funds at February 28, 2023 by risk category:

Fund	Risk	Statements of assets and liabilities location	Financial instruments location	Assets derivatives fair value	Liabilities derivatives fair value
Capital Appreciation Value Fund High Yield Fund	Equity	Written options, at value	Written options	—	\$(8,324,189)
	Interest rate	Receivable/payable for futures variation margin ¹	Futures	—	\$(47,178)
	Currency	Unrealized appreciation (depreciation) on forward foreign currency contracts	Forward foreign currency contracts	\$12,566	(10,319)
	Credit	Swap contracts, at value ²	Credit default swaps	67,582	(135,671)
				\$80,148	\$(193,168)
International Strategic Equity Allocation Fund	Currency	Receivable/payable for futures variation margin ¹	Futures	—	\$(299,140)
	Equity	Receivable/payable for futures variation margin ¹	Futures	—	(3,693,228)
				—	\$(3,992,368)
U.S. Sector Rotation Fund	Equity	Receivable/payable for futures variation margin ¹	Futures	—	\$(3,780,330)

¹ Reflects cumulative appreciation/depreciation on open futures as disclosed in the Derivatives section of the Portfolio of investments. Only the period end variation margin receivable/payable is separately reported on the Statements of assets and liabilities.

² Reflects cumulative value of swap contracts. Receivable/payable for centrally cleared swaps, which includes value and margin, are shown separately on the Statements of assets and liabilities.

For financial reporting purposes, the funds do not offset OTC derivative assets or liabilities that are subject to master netting arrangements, as defined by the ISDAs, in the Statements of assets and liabilities. In the event of default by the counterparty or a termination of the agreement, the ISDA allows an offset of amounts across the various transactions between the fund and the applicable counterparty.

Effect of derivative instruments on the Statements of operations

The table below summarizes the net realized gain (loss) included in the net increase (decrease) in net assets from operations, classified by derivative instrument and risk category, for the six months ended February 28, 2023:

Fund	Risk	Statements of operations location - Net realized gain (loss) on:				
		Futures contracts	Forward foreign currency contracts	Written options	Swap contracts	Total
Capital Appreciation Value Fund High Yield Fund	Equity	—	—	\$4,978,485	—	\$4,978,485
	Interest rate	\$(556,355)	—	—	—	\$(556,355)
	Currency	—	\$10,766	—	—	10,766
	Credit	—	—	—	\$19,078	19,078
Total		\$(556,355)	\$10,766	—	\$19,078	\$(526,511)
International Strategic Equity Allocation Fund	Currency	\$(1,032,963)	—	—	—	\$(1,032,963)
	Equity	10,433,781	—	—	—	10,433,781
	Total	\$9,400,818	—	—	—	\$9,400,818
U.S. Sector Rotation Fund	Interest rate	\$(4,858,780)	—	—	—	\$(4,858,780)

The table below summarizes the net change in unrealized appreciation (depreciation) included in the net increase (decrease) in net assets from operations, classified by derivative instrument and risk category, for the six months ended February 28, 2023:

Fund	Risk	Statements of operations location - Change in net unrealized appreciation (depreciation) of:				
		Futures contracts	Forward foreign currency contracts	Written options	Swap contracts	Total
Capital Appreciation Value Fund High Yield Fund	Equity	—	—	\$(3,084,268)	—	\$(3,084,268)
	Interest rate	\$22,568	—	—	—	\$22,568
	Currency	—	\$18,279	—	—	18,279
	Credit	—	—	—	\$(189,718)	(189,718)
Total		\$22,568	\$18,279	—	\$(189,718)	\$(148,871)
International Strategic Equity Allocation Fund	Currency	\$93,155	—	—	—	\$93,155
	Equity	2,041,488	—	—	—	2,041,488
	Total	\$2,134,643	—	—	—	\$2,134,643
U.S. Sector Rotation Fund	Equity	\$661,263	—	—	—	\$661,263

4. Guarantees and indemnifications

Under the Trust's organizational documents, its Officers and Trustees are indemnified against certain liabilities arising out of the performance of their duties to the Trust, including the funds. Additionally, in the normal course of business, the Trust enters into contracts with service providers that contain general indemnification clauses. The Trust's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the Trust that have not yet occurred. The risk of material loss from such claims is considered remote.

5. Fees and transactions with affiliates

John Hancock Investment Management LLC (the Advisor) serves as investment advisor for the funds. John Hancock Investment Management Distributors LLC (the Distributor), an affiliate of the Advisor, serves as principal underwriter of the funds. The Advisor and the Distributor are indirect, principally owned subsidiaries of John Hancock Life Insurance Company (U.S.A.), which in turn is a subsidiary of Manulife Financial Corporation.

Management fee. The funds have an investment management agreement with the Advisor under which the funds pay a daily management fee to the Advisor equivalent on an annual basis as detailed below. Aggregate net assets generally include the net assets of the funds and the net assets of a similar fund of John Hancock Variable Insurance Trust (JHVIT), unless otherwise noted below. JHVIT portfolios are advised by an affiliate of the Advisor, John Hancock Variable Trust Advisers LLC, and are distributed by an affiliate of the Advisor, John Hancock Distributors, LLC.

- Capital Appreciation Fund — a) 0.800% of the first \$500 million of aggregate net assets; b) 0.700% of the next \$500 million of aggregate net assets; and c) 0.670% of the excess over \$1 billion of aggregate net assets.
- Capital Appreciation Value Fund — If aggregate net assets are less than \$500 million, then the following fee schedule shall apply: a) 0.950% of the first \$250 million of aggregate net assets; and b) 0.850% of the excess over \$250 million of aggregate net assets. If aggregate net assets equal or exceed \$500 million but are less than \$2 billion, then the following fee schedule shall apply: a) 0.850% of the first \$1 billion of aggregate net assets; and b) 0.800% of the excess over \$1 billion of aggregate net assets. If aggregate net assets equal or exceed \$2 billion but are less than \$3 billion, then the following fee schedule shall apply: a) 0.850% of the first \$500 million of aggregate net assets; and b) 0.800% of the excess over \$500 million of aggregate net assets. If aggregate net assets equal or exceed \$3 billion, then the management fee to be paid is 0.800% of aggregate net assets.
- Core Bond Fund — a) 0.690% of the first \$200 million of aggregate net assets; b) 0.640% of the next \$200 million of aggregate net assets; c) 0.570% of the next \$600 million of aggregate net assets; d) 0.560% of the next \$1 billion of aggregate net assets; and e) 0.550% of the excess over \$2 billion of aggregate net assets.
- Health Sciences Fund — a) 1.050% of the first \$500 million of aggregate net assets; b) 1.000% of the next \$250 million of aggregate net assets; and c) 0.950% of excess over \$750 million of aggregate net assets retroactive to the first dollar; d) 0.950% of the next \$250 million of aggregate net assets; e) 0.900% of the next \$500 million of aggregate net assets; and f) 0.900% of excess over \$1.5 billion of aggregate net assets retroactive to the first dollar. Aggregate net assets include the fund and JHVIT Health Sciences Trust and Manulife Healthcare Fund Series I.
- High Yield Fund — a) 0.700% of the first \$500 million of aggregate net assets and b) 0.650% of the excess over \$500 million of aggregate net assets.
- International Strategic Equity Allocation Fund and U.S. Sector Rotation Fund — Aggregate net assets include these two funds and JHVIT Strategic Equity Allocation Trust. The management fee paid is as follows: a) 0.675% of the first \$2.5 billion of aggregate net assets; b) 0.650% of the next \$5 billion of aggregate net assets; c) 0.625% of the next \$2.5 billion of aggregate net assets; d) 0.600% of the next \$5 billion of aggregate net assets; e) 0.595% of the next \$10 billion of aggregate net assets; and f) 0.590% of the excess over \$25 billion of aggregate net assets.
- Mid Value Fund — a) 0.950% of the first \$1 billion of aggregate net assets and b) 0.875% of the excess over \$1 billion of aggregate net assets. When aggregate net assets exceed \$1 billion, then the management fee rate is 0.875% of all aggregate net assets.
- Science & Technology Fund — a) 1.050% of the first \$50 million of aggregate net assets; b) 1.025% of the next \$50 million of aggregate net assets; c) 1.000% when assets reach \$100 million retroactive to the first dollar up to \$200 million; d) 0.975% when assets reach \$200 million retroactive to the first dollar up to \$500 million; e) 0.950% when assets reach \$500 million retroactive to the first dollar up to \$1 billion; and f) 0.925% of aggregate net assets in excess of \$1 billion. Aggregate net assets include the fund and JHVIT Science & Technology Trust, and Manulife Technology Fund.

The organizations described below act as the subadvisors to the Trust and certain of its funds pursuant to Subadvisory Agreements with the Advisor. Fund management is allocated among the following subadvisors:

Fund	Subadvisor(s)
Core Bond Fund	Allspring Global Investments, LLC
Capital Appreciation Fund	Jennison Associates LLC
International Strategic Equity Allocation Fund U.S. Sector Rotation Fund	Manulife Investment Management (US) LLC ¹
Capital Appreciation Value Fund Health Sciences Fund Mid Value Fund Science & Technology Fund ²	T. Rowe Price Associates, Inc.
High Yield Fund	Western Asset Management Company, LLC

¹ An affiliate of the Advisor.

² Effective June 23, 2022, T. Rowe Price Associates, Inc. became the sole subadvisor to the portfolio and Allianz Global Investors U.S. LLC no longer serves as subadvisor. Allianz Global Investors U.S. LLC (or one of its affiliates) bore expenses associated with the transition management of the portion of the portfolio they managed, which amounted to approximately \$315,000 and is included in Net realized gain (loss) on unaffiliated investments and foreign currency transactions on the Statements of operations.

The funds are not responsible for payment of the subadvisory fees.

Fees and transactions with affiliates, continued

Expense reimbursements. The Advisor has voluntarily agreed to reduce its management fee or if necessary make payment to each fund in an amount by which certain expenses of the respective funds exceed the percentage of average net assets as detailed below. Expenses excluded from this waiver are taxes, brokerage commissions, interest expense, litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the funds' business, management fees, class specific expenses, acquired fund fees and short dividend expenses. The Advisor may terminate this voluntary waiver at any time upon notice to the funds.

Fund	Expense limitation as a percentage of average net assets	Fund	Expense limitation as a percentage of average net assets
Capital Appreciation Fund	0.20%	International Strategic Equity Allocation Fund	0.25%
Capital Appreciation Value Fund	0.20%	Mid Value Fund	0.20%
Core Bond Fund	0.15%	Science & Technology Fund	0.20%
Health Sciences Fund	0.20%	U.S. Sector Rotation Fund	0.20%
High Yield Fund	0.15%		

The Advisor has contractually agreed to waive a portion of its management fee and/or reimburse expenses for certain funds of the John Hancock group of funds complex, including the funds (the participating portfolios). This waiver is based upon aggregate net assets of all the participating portfolios. The amount of the reimbursement is calculated daily and allocated among all the participating portfolios in proportion to the daily net assets of the funds. During the six months ended February 28, 2023, this waiver amounted to 0.01% of the funds' average daily net assets, on an annualized basis. This arrangement expires on July 31, 2024, unless renewed by mutual agreement of the funds and the Advisor based upon a determination that this is appropriate under the circumstances at that time.

The Advisor has voluntarily agreed to waive its management fee on International Strategic Equity Allocation Fund, Science & Technology Fund and U.S. Sector Rotation Fund so that the amount retained by the Advisor after payment of the subadvisory fees for the fund does not exceed 0.45% of the fund's average net assets. This voluntary waiver may be terminated at any time by the Advisor on notice to the Trust.

The Advisor has voluntarily agreed to waive a portion of its management fees for the funds subadvised by T. Rowe Price Associates, Inc. which include Capital Appreciation Value Fund, Health Sciences Fund, Mid Value Fund, and Science & Technology Fund. This voluntary waiver equals the amount by which the subadvisory fee paid to T. Rowe Price Associates, Inc. is reduced. This voluntary waiver may terminate at any time.

For the six months ended February 28, 2023, the expense reductions described above amounted to the following:

Expense Reimbursement by Class			
Fund	Class 1	Class NAV	Total
Capital Appreciation Fund	\$16,995	\$28,758	\$45,753
Capital Appreciation Value Fund	—	260,565	260,565
Core Bond Fund	4,456	52,180	56,636
Health Sciences Fund	—	79,807	79,807
High Yield Fund	6,980	—	6,980
International Strategic Equity Allocation Fund	—	2,742,916	2,742,916
Mid Value Fund	—	327,214	327,214
Science & Technology Fund	—	39,752	39,752
U.S. Sector Rotation Fund	—	3,078,272	3,078,272

Expenses waived or reimbursed in the current fiscal period are not subject to recapture in future fiscal periods.

The investment management fees, including the impact of the waivers and reimbursements as described above, incurred for the six months ended February 28, 2023, were equivalent to a net annual effective rate of the funds' average daily net assets as follows:

Fund	Net Annual Effective Rate	Fund	Net Annual Effective Rate
Capital Appreciation Fund	0.71%	International Strategic Equity Allocation Fund	0.49%
Capital Appreciation Value Fund	0.79%	Mid Value Fund	0.83%
Core Bond Fund	0.57%	Science & Technology Fund	0.90%
Health Sciences Fund	0.87%	U.S. Sector Rotation Fund	0.49%
High Yield Fund	0.69%		

Accounting and legal services. Pursuant to a service agreement, the funds reimburse the Advisor for all expenses associated with providing the administrative, financial, legal, compliance, accounting and recordkeeping services to the funds, including the preparation of all tax returns, periodic reports to shareholders and regulatory reports, among other services. These expenses are allocated to each share class based on its relative net assets at the time the expense was incurred. These accounting and legal services fees incurred, for the six months ended February 28, 2023, amounted to an annual rate of 0.02% of the funds' average daily net assets.

Distribution and service plans. The funds have a distribution agreement with the Distributor. The funds have adopted distribution and service plans for certain classes as detailed below pursuant to Rule 12b-1 under the 1940 Act, to pay the Distributor for services provided as the distributor of shares of the funds. The funds may pay up to the following contractual rates of distribution and service fees under these arrangements, expressed as an annual percentage of average daily net assets for each class of the funds' shares:

Fees and transactions with affiliates, continued

Class	Rule 12b-1 Fee
Class 1	0.05%

Distribution and service fees for the six months ended February 28, 2023 were as follows:

Fund	Class	Distribution and service fees
Capital Appreciation Fund	Class 1	\$119,638
Core Bond Fund	Class 1	\$31,388
High Yield Fund	Class 1	\$49,135

Trustee expenses. The funds compensate each Trustee who is not an employee of the Advisor or its affiliates. The costs of paying Trustee compensation and expenses are allocated to each fund based on their net assets relative to other funds within the John Hancock group of funds complex.

Interfund lending program. Pursuant to an Exemptive Order issued by the SEC, the funds, along with certain other funds advised by the Advisor or its affiliates, may participate in an interfund lending program. This program provides an alternative credit facility allowing the funds to borrow from, or lend money to, other participating affiliated funds. At period end, no interfund loans were outstanding.

Interest expense is included in Other expenses on the Statements of operations. The funds' activity in this program during the period for which loans were outstanding was as follows:

Fund	Borrower or Lender	Weighted Average Loan Balance	Days Outstanding	Weighted Average Interest Rate	Interest Income (Expense)
International Strategic Equity Allocation	Borrower	\$ 9,300,000	1	3.305%	\$ (854)
Capital Appreciation Fund	Lender	12,883,333	6	2.977%	6,392
Capital Appreciation Value Fund	Lender	34,100,000	8	3.173%	24,045
Health Sciences Fund	Lender	3,100,000	1	3.305%	285
Mid Value Fund	Lender	27,640,000	5	3.063%	11,759
Science & Technology Fund	Lender	7,000,000	1	2.980%	579

6. Fund share transactions

Transactions in funds' shares for the six months ended February 28, 2023 and for the year ended August 31, 2022 were as follows:

Capital Appreciation Fund	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class 1 shares				
Sold	690,805	\$7,508,143	1,885,863	\$30,321,585
Distributions reinvested	5,428,343	51,623,538	14,158,361	234,037,715
Repurchased	(5,510,515)	(58,436,708)	(8,463,197)	(134,999,393)
Net increase	608,633	\$694,973	7,581,027	\$129,359,907
Class NAV shares				
Sold	2,796,914	\$29,304,211	11,002,434	\$154,959,479
Distributions reinvested	9,098,978	87,259,196	18,665,411	310,779,087
Repurchased	(2,724,275)	(28,884,206)	(9,511,301)	(163,454,454)
Net increase	9,171,617	\$87,679,201	20,156,544	\$302,284,112
Total net increase	9,780,250	\$88,374,174	27,737,571	\$431,644,019
Capital Appreciation Value Fund	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	585,193	\$5,095,568	13,228,207	\$126,631,864
Distributions reinvested	19,043,172	152,535,808	25,226,702	259,582,767
Repurchased	(9,060,637)	(78,219,256)	(15,660,719)	(170,944,411)
Net increase	10,567,728	\$79,412,120	22,794,190	\$215,270,220
Total net increase	10,567,728	\$79,412,120	22,794,190	\$215,270,220
Core Bond Fund	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class 1 shares				
Sold	500,458	\$5,536,990	558,554	\$6,802,255
Distributions reinvested	207,419	2,272,908	249,654	3,151,517
Repurchased	(1,117,510)	(12,223,212)	(3,026,217)	(37,190,897)
Net decrease	(409,633)	\$(4,413,314)	(2,218,009)	\$(27,237,125)

Fund share transactions, continued

Core Bond Fund, Cont'd	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	12,837,775	\$141,265,588	19,803,959	\$236,047,635
Distributions reinvested	2,411,725	26,383,562	2,365,347	29,676,464
Repurchased	(4,976,615)	(54,696,136)	(13,461,470)	(164,799,449)
Net increase	10,272,885	\$112,953,014	8,707,836	\$100,924,650
Total net increase	9,863,252	\$108,539,700	6,489,827	\$73,687,525
Health Sciences Fund				
	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	1,072,168	\$5,173,573	4,345,622	\$24,191,656
Distributions reinvested	1,817,865	8,653,037	10,044,268	56,448,788
Repurchased	(4,865,792)	(23,678,728)	(9,504,977)	(50,365,144)
Net increase (decrease)	(1,975,759)	\$(9,852,118)	4,884,913	\$30,275,300
Total net increase (decrease)	(1,975,759)	\$(9,852,118)	4,884,913	\$30,275,300
High Yield Fund				
	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class 1 shares				
Sold	767,584	\$5,218,121	2,402,969	\$19,413,419
Distributions reinvested	1,137,418	7,517,007	1,776,613	13,647,917
Repurchased	(3,618,026)	(24,183,747)	(7,708,801)	(59,377,183)
Net decrease	(1,713,024)	\$(11,448,619)	(3,529,219)	\$(26,315,847)
Total net decrease	(1,713,024)	\$(11,448,619)	(3,529,219)	\$(26,315,847)
International Strategic Equity Allocation Fund				
	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	30,166,512	\$265,755,643	323,192,115	\$3,176,965,242 ¹
Distributions reinvested	10,797,874	92,213,840	8,825,077	91,427,800
Repurchased	(44,427,100)	(395,749,622)	(18,584,550)	(172,749,547)
Net increase (decrease)	(3,462,714)	\$(37,780,139)	313,432,642	\$3,095,643,495
Total net increase (decrease)	(3,462,714)	\$(37,780,139)	313,432,642	\$3,095,643,495
Mid Value Fund				
	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	426,352	\$7,273,464	1,401,916	\$26,684,322
Distributions reinvested	15,671,683	228,179,709	8,266,026	149,119,105
Repurchased	(5,919,900)	(98,701,159)	(26,750,313)	(503,877,488)
Net increase (decrease)	10,178,135	\$136,752,014	(17,082,371)	\$(328,074,061)
Total net increase (decrease)	10,178,135	\$136,752,014	(17,082,371)	\$(328,074,061)
Science & Technology Fund				
	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	9,919,143	\$12,832,438	15,490,826	\$27,266,486
Distributions reinvested	15,894,410	18,119,628	63,151,980	121,883,322
Repurchased	(40,918,463)	(49,816,262)	(5,966,442)	(19,981,952)
Net increase (decrease)	(15,104,910)	\$(18,864,196)	72,676,364	\$129,167,856
Total net increase (decrease)	(15,104,910)	\$(18,864,196)	72,676,364	\$129,167,856

¹ Includes in-kind subscriptions of approximately \$3.0 billion by affiliates of the fund. The cost basis of the contributed securities is equal to the market value of the securities on the date of the subscription.

Fund share transactions, continued

U.S. Sector Rotation Fund	Six Months Ended 2-28-23		Year Ended 8-31-22	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	19,003,717	\$158,451,836	430,266,464	\$4,186,145,635 ¹
Distributions reinvested	14,533,931	117,724,841	25,953,684	259,017,769
Repurchased	(37,033,307)	(315,388,520)	(36,414,422)	(359,422,620)
Net increase (decrease)	(3,495,659)	\$(39,211,843)	419,805,726	\$4,085,740,784
Total net increase (decrease)	(3,495,659)	\$(39,211,843)	419,805,726	\$4,085,740,784

¹ Includes in-kind subscriptions of approximately \$4.1 billion by affiliates of the fund. The cost basis of the contributed securities is equal to the market value of the securities on the date of the subscription.

Affiliates of the Trust owned 100% of shares of Class 1 and Class NAV, respectively, with the exception of Capital Appreciation Fund and Core Bond Fund, where affiliates held 69% and 65% of Class NAV, respectively, on February 28, 2023. Such concentration of shareholders' capital could have a material effect on the fund if such shareholders redeem from the fund.

7. Purchase and sale of securities

Purchases and sales of securities, other than short-term investments, amounted to the following for the six months ended February 28, 2023:

Fund	Purchases		Sales	
	U.S. Government	Other issuers	U.S. Government	Other issuers
Capital Appreciation Fund	—	\$233,772,413	—	\$275,140,027
Capital Appreciation Value Fund	\$186,470,496	426,464,390	\$173,563,010	408,865,311
Core Bond Fund	1,254,116,667	813,959,293	1,248,295,914	641,838,501
Health Sciences Fund	—	45,060,857	—	64,371,872
High Yield Fund	—	31,022,717	—	43,703,543
International Strategic Equity Allocation Fund	—	254,656	—	167,146,494
Mid Value Fund	—	340,190,447	—	397,834,387
Science & Technology Fund	—	73,846,531	—	107,563,830
U.S. Sector Rotation Fund	—	1,580,493,977	—	1,590,363,588

8. Industry or sector risk

Certain funds may invest a large percentage of their assets in one or more particular industries or sectors of the economy. If a large percentage of a fund's assets are economically tied to a single or small number of industries or sectors of the economy, the fund will be less diversified than a more broadly diversified fund, and it may cause the fund to underperform if that industry or sector underperforms. In addition, focusing on a particular industry or sector may make the fund's NAV more volatile. Further, a fund that invests in particular industries or sectors is particularly susceptible to the impact of market, economic, regulatory and other factors affecting those industries or sectors. Financial services companies can be hurt by economic declines, changes in interest rates, and regulatory and market impacts.

9. Investment in affiliated underlying funds

The funds may invest in affiliated underlying funds that are managed by the Advisor and its affiliates. 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*	280,107	—	\$45,882,018	\$(43,082,115)	\$(69)	\$(27)	\$3,598	—	\$2,799,807
Capital Appreciation Value Fund									
John Hancock Collateral Trust*	168,625	\$2,077,345	\$26,270,960	\$(26,663,800)	\$116	\$872	\$7,007	—	\$1,685,493
Core Bond Fund									
John Hancock Collateral Trust*	116,498	—	\$6,638,290	\$(5,473,428)	\$(281)	\$(129)	\$343	—	\$1,164,452
High Yield Fund									
John Hancock Collateral Trust*	549,412	\$2,375,359	\$9,043,696	\$(5,926,631)	\$(1,459)	\$685	\$22,609	—	\$5,491,650
International Strategic Equity Allocation Fund									
John Hancock Collateral Trust*	3,793,806	\$26,922,715	\$183,014,200	\$(172,006,822)	\$(6,847)	\$(2,262)	\$104,308	—	\$37,920,984
Mid Value Fund									

Investment in affiliated underlying funds, continued

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	
John Hancock Collateral Trust*	2,834,190	\$22,095,028	\$164,204,875	\$(157,969,511)	\$(8,097)	\$6,853	\$133,044	—	\$28,329,148
Science & Technology Fund									
John Hancock Collateral Trust*	63,572	\$1,229,283	\$15,668,858	\$(16,262,827)	\$145	\$(23)	\$8,193	—	\$635,436
U.S. Sector Rotation Fund									
John Hancock Collateral Trust*	7,412,268	\$180,838,338	\$533,489,965	\$(640,263,714)	\$8,031	\$16,702	\$2,895,101	—	\$74,089,322

* Refer to the Securities lending note within Note 2 for details regarding this investment.

10. Investment by affiliated funds

Certain investors in the funds are affiliated funds that are managed by the Advisor and its affiliates. The affiliated funds do not invest in the funds for the purpose of exercising management or control; however, this investment may represent a significant portion of the funds' net assets. At February 28, 2023, the following fund(s) had an affiliate ownership of 5% or more of the funds' net assets:

Fund	Affiliated Concentration
Capital Appreciation Fund	43.9%
Capital Appreciation Value Fund	98.4%
Core Bond Fund	60.5%
Health Sciences Fund	100%
International Strategic Equity Allocation Fund	100%
Mid Value Fund	100%
Science & Technology Fund	99.7%
U.S. Sector Rotation Fund	100%

11. Interfund trading

The funds are permitted to purchase or sell securities from or to certain other affiliated funds, as set forth in Rule 17a-7 of the 1940 Act, under specified conditions outlined in procedures adopted by the Board of Trustees of the Trust. The procedures have been designed to ensure that any purchase or sale of securities by the funds from or to another fund that is or could be considered an affiliate complies with Rule 17a-7 of the 1940 Act. Further, as defined under the procedures, each transaction is effected at the current market price. Pursuant to these procedures, for the six months ended February 28, 2023, the funds engaged in securities purchases and sales with affiliated funds, some of which have different fiscal reporting periods, as follows:

Fund	Purchases
Capital Appreciation Value Fund	\$265,496

12. 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 February 28, 2023:

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
High Yield Fund								
KCAD Holdings I, Ltd.	3-21-11	\$6,150,520	752,218,031	—	—	752,218,031	0.0% ¹	\$752
MWO Holdings LLC	8-30-16	1,116,559	1,134	—	—	1,134	0.0% ¹	7,053
New Cotai, Inc., Class B	4-12-13	0	11	—	—	11	0.0%	0
								\$7,805

¹ Less than 0.05%.

13. LIBOR discontinuation risk

LIBOR (London Interbank Offered Rate) is a measure of the average interest rate at which major global banks can borrow from one another. Following allegations of rate manipulation and concerns regarding its thin liquidity, in July 2017, the U.K. Financial Conduct Authority, which regulates LIBOR, announced that it will stop encouraging banks to provide the quotations needed to sustain LIBOR. As market participants transition away from LIBOR, LIBOR's usefulness may deteriorate and these effects could be experienced until the permanent cessation of the majority of U.S. LIBOR rates in 2023. The transition process may lead to increased volatility and illiquidity in markets that currently rely on LIBOR to determine interest rates. LIBOR's deterioration may adversely affect the liquidity and/or market value of securities that use LIBOR as a benchmark interest rate.

LIBOR discontinuation risk, continued

The ICE Benchmark Administration Limited, the administrator of LIBOR, ceased publishing certain LIBOR maturities, including some U.S. LIBOR maturities, on December 31, 2021, and is expected to cease publishing the remaining and most liquid U.S. LIBOR maturities on June 30, 2023. It is expected that market participants have or will transition to the use of alternative reference or benchmark rates prior to the applicable LIBOR publication cessation date. Additionally, although regulators have encouraged the development and adoption of alternative rates such as the Secured Overnight Financing Rate ("SOFR"), the future utilization of LIBOR or of any particular replacement rate remains uncertain.

The impact on the transition away from LIBOR referenced financial instruments remains uncertain. It is expected that market participants will adopt alternative rates such as SOFR or otherwise amend such financial instruments to include fallback provisions and other measures that contemplate the discontinuation of LIBOR. Uncertainty and risk remain regarding the willingness and ability of issuers and lenders to include alternative rates and revised provisions in new and existing contracts or instruments. To facilitate the transition of legacy derivatives contracts referencing LIBOR, the International Swaps and Derivatives Association, Inc. launched a protocol to incorporate fallback provisions. There are obstacles to converting certain longer term securities to a new benchmark or benchmarks and the effectiveness of one versus multiple alternative reference rates has not been determined. Certain proposed replacement rates, such as SOFR, are materially different from LIBOR, and will require changes to the applicable spreads. Furthermore, the risks associated with the conversion from LIBOR may be exacerbated if an orderly transition is not completed in a timely manner.

14. New accounting pronouncement

In March 2020, the Financial Accounting Standards Board (FASB) issued an Accounting Standards Update (ASU), ASU 2020-04, which provides optional, temporary relief with respect to the financial reporting of contracts subject to certain types of modifications due to the planned discontinuation of the LIBOR and other IBOR-based reference rates as of the end of 2021. The temporary relief provided by ASU 2020-04 is effective for certain reference rate-related contract modifications that occur during the period March 12, 2020 through December 31, 2024. Management expects that the adoption of the guidance will not have a material impact to the financial statements.

John Hancock Funds II

SPECIAL SHAREHOLDER MEETING

(Unaudited)

The funds held a Special Joint Meeting of Shareholders on Friday, September 9, 2022. The following proposals were considered by the shareholders:

Proposal 1: To elect eight Trustees as members of the Board of Trustees of the Trust.

THE PROPOSAL PASSED ON September 9, 2022.

	<u>Total votes for the nominee</u>	<u>Total votes withheld from the nominee</u>
Independent Trustees		
James R. Boyle	4,554,825,588.937	109,369,198.953
Noni L. Ellison	4,545,310,789.674	118,883,998.216
Dean C. Garfield	4,542,518,756.422	121,676,031.468
Patricia Lizarraga	4,547,597,042.403	116,597,745.487
Frances G. Rathke	4,553,474,902.143	110,719,885.747
Non-Independent Trustees		
Andrew G. Arnott	4,548,263,383.010	115,931,404.880
Marianne Harrison	4,552,282,391.834	111,912,396.056
Paul Lorentz	4,546,227,532.263	117,967,255.627

Proposal 2: To approve an amendment to the Declaration of Trust revising merger approval requirements.

THE PROPOSAL PASSED ON September 9, 2022.

	<u>Shares voted</u>	<u>% Of shares voted</u>	<u>% Of outstanding shares</u>
For	4,061,202,897.967	87.072%	64.635%
Against	75,620,339.593	1.622%	1.203%
Abstain/Withheld	92,916,059.460	1.992%	1.478%
Broker Non-Vote	434,455,490.870	9.314%	6.914%

John Hancock Funds II

For more information

The Statement of Additional Information, a separate document with supplemental information not contained in the prospectus, includes additional information on the Board of Trustees and can be obtained without charge by calling 800-344-1029 or on the Securities and Exchange Commission (SEC) website at www.sec.gov.

PROXY VOTING POLICY A description of the trust's proxy voting policies and procedures and information regarding how the trust voted proxies relating to portfolio securities during the most recent twelve-month period ended June 30 is available without charge, upon request, by calling 800-344-1029 or on the SEC website at www.sec.gov.

QUARTERLY PORTFOLIO DISCLOSURE The Trust's complete schedule of portfolio holdings as of the end of the third month of every fiscal quarter are filed with the SEC on Form N-PORT within 60 days of the end of the fiscal quarter. N-PORT filings are available on our website and the SEC's website, www.sec.gov.

The report is certified under the Sarbanes-Oxley Act, which requires mutual funds and other public companies to affirm that, to the best of their knowledge, the information in their financial reports is fairly and accurately stated in all material respects.

More information

Trustees

Hassell H. McClellan, Chairperson
Steven R. Pruchansky, Vice Chairperson
Andrew G. Arnott[†]
James R. Boyle
William H. Cunningham^{*}
Grace K. Fey
Noni L. Ellison[^]
Dean C. Garfield[^]
Marianne Harrison[†]
Deborah C. Jackson
Patricia Lizarraaga^{*,^}
Paul Lorentz[‡]
Frances G. Rathke^{*}
Gregory A. Russo

Officers

Andrew G. Arnott, President
Charles A. Rizzo, Chief Financial Officer
Salvatore Schiavone, Treasurer
Christopher (Kit) Sechler, Secretary and Chief Legal Officer
Trevor Swanberg, Chief Compliance Officer

[†] Non-Independent Trustee

^{*} Member of the Audit Committee

[^] Elected to serve as Independent Trustee effective as of September 9, 2022.

[‡] Elected to serve as Non-Independent Trustee effective as of September 9, 2022.

Investment advisor

John Hancock Investment
Management LLC

Principal distributor

John Hancock Investment
Management Distributors LLC

Custodians

Citibank, N.A.
State Street Bank and Trust Company

Legal counsel

K&L Gates LLP



John Hancock Investment Management Distributors LLC, Member FINRA, SIPC 200 Berkeley Street, Boston, MA 02116, jhinvestments.com

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