

Semiannual report

John Hancock Funds II

February 29, 2024

Beginning on July 24, 2024, as required by regulations adopted by the U.S. Securities and Exchange Commission, open-end mutual funds and ETFs will transmit tailored annual and semiannual reports to shareholders that highlight key information deemed important for retail investors to assess and monitor their fund investments. Other information, including financial statements, will no longer appear in shareholder reports transmitted to shareholders, but must be available online, delivered free of charge upon request, and filed on a semiannual basis on Form N-CSR.

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	41.2
Consumer discretionary	21.0
Communication services	12.5
Health care	11.4
Financials	7.6
Consumer staples	2.9
Industrials	2.4
Real estate	1.0

Capital Appreciation Value Fund

Portfolio Composition (% of net assets)

Common stocks	61.8
U.S. Government	11.5
Term loans	10.5
Corporate bonds	10.4
Preferred securities	0.3
Short-term investments and other	5.5

Core Bond Fund

Portfolio Composition (% of total investments)

U.S. Government Agency	27.3
U.S. Government	25.1
Corporate bonds	22.3
Collateralized mortgage obligations	13.8
Asset backed securities	7.0
Foreign government obligations	0.6
Municipal bonds	0.2
Short-term investments	3.7

Health Sciences Fund

Industry Composition (% of net assets)

Biotechnology	31.9
Pharmaceuticals	20.2
Health care providers and services	17.9
Health care equipment and supplies	16.4
Life sciences tools and services	11.7
Health care technology	0.8
Insurance	0.2
Chemicals	0.1
Financial services	0.1
Short-term investments and other	0.7

High Yield Fund

Portfolio Composition (% of net assets)

Corporate bonds	82.4
Asset backed securities	7.3
Term loans	5.7
Common stocks	0.6
Convertible bonds	0.5
Preferred securities	0.4
Foreign government obligations	0.3
Short-term investments and other	2.8

International Strategic Equity Allocation Fund

Sector Composition (% of net assets)

Financials	19.9
Industrials	13.4
Information technology	12.8
Consumer discretionary	11.5
Health care	9.2
Consumer staples	7.1
Materials	6.9
Energy	5.2
Communication services	4.7
Utilities	2.9
Real estate	1.8
Short-term investments and other	4.6

Mid Value Fund

Sector Composition (% of net assets)

Financials	16.2
Industrials	15.8
Information technology	12.4
Health care	9.7
Consumer discretionary	8.4
Real estate	6.5
Energy	6.3
Utilities	6.3
Consumer staples	5.7
Materials	5.5
Communication services	2.5
Short-term investments and other	4.7

Science & Technology Fund

Sector Composition (% of total investments)

Information technology	82.8
Communication services	14.0
Industrials	1.3
Financials	0.8
Consumer discretionary	0.8
Short-term investments	0.3

U.S. Sector Rotation Fund

Sector Composition (% of net assets)

Information technology	29.5
Financials	13.1
Health care	12.1
Consumer discretionary	10.8
Communication services	9.3
Industrials	8.8
Consumer staples	5.2
Energy	3.8
Real estate	1.7
Materials	1.7
Utilities	0.9
Short-term investments and other	3.1

Notes about risk

The funds are subject to various risks as described in the funds' prospectuses. Political tensions, armed conflicts and any resulting economic sanctions on entities and/or individuals of a particular country could lead such a country into an economic recession. 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, 2023 through February 29, 2024).

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 9-1-2023	Ending value on 2-29-2024	Expenses paid during period ended 2-29-2024 ¹	Annualized expense ratio
Capital Appreciation Fund					
Class 1	Actual expenses/actual returns	\$1,000.00	\$1,241.30	\$4.46	0.80%
	Hypothetical example	1,000.00	1,020.90	4.02	0.80%
Class NAV	Actual expenses/actual returns	1,000.00	1,241.40	4.18	0.75%
	Hypothetical example	1,000.00	1,021.10	3.77	0.75%
Capital Appreciation Value Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,082.10	\$4.35	0.84%
	Hypothetical example	1,000.00	1,020.70	4.22	0.84%
Core Bond Fund					
Class 1	Actual expenses/actual returns	\$1,000.00	\$1,024.80	\$3.37	0.67%
	Hypothetical example	1,000.00	1,021.50	3.37	0.67%
Class NAV	Actual expenses/actual returns	1,000.00	1,024.20	3.12	0.62%
	Hypothetical example	1,000.00	1,021.80	3.12	0.62%
Health Sciences Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,111.30	\$5.04	0.96%
	Hypothetical example	1,000.00	1,020.10	4.82	0.96%
High Yield Fund					
Class 1	Actual expenses/actual returns	\$1,000.00	\$1,051.80	\$4.39	0.86%
	Hypothetical example	1,000.00	1,020.60	4.32	0.86%
International Strategic Equity Allocation Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,075.10	\$2.94	0.57%
	Hypothetical example	1,000.00	1,022.00	2.87	0.57%
Mid Value Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,126.00	\$4.65	0.88%
	Hypothetical example	1,000.00	1,020.50	4.42	0.88%
Science & Technology Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,209.60	\$5.38	0.98%
	Hypothetical example	1,000.00	1,020.00	4.92	0.98%

John Hancock Funds II

Shareholder expense example

		Account value on 9-1-2023	Ending value on 2-29-2024	Expenses paid during period ended 2-29-2024 ¹	Annualized expense ratio
U.S. Sector Rotation Fund					
Class NAV	Actual expenses/actual returns	\$1,000.00	\$1,137.40	\$2.87	0.54%
	Hypothetical example	1,000.00	1,022.20	2.72	0.54%

¹ Expenses are equal to the annualized expense ratio, multiplied by the average account value over the period, multiplied by 182/366 (to reflect the one-half year period).

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Capital Appreciation Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 100.0%		
Communication services – 12.5%		
Entertainment – 3.0%		
Netflix, Inc. (A)	87,250	\$ 52,604,770
Interactive media and services – 8.7%		
Alphabet, Inc., Class A (A)	221,788	30,708,766
Alphabet, Inc., Class C (A)	219,980	30,748,804
Meta Platforms, Inc., Class A	182,848	89,619,290
		151,076,860
Media – 0.8%		
The Trade Desk, Inc., Class A (A)	156,394	13,360,739
		217,042,369
Consumer discretionary – 21.0%		
Automobiles – 2.4%		
Tesla, Inc. (A)	206,956	41,780,277
Broadline retail – 9.4%		
Amazon.com, Inc. (A)	771,596	136,387,309
MercadoLibre, Inc. (A)	17,598	28,074,089
		164,461,398
Hotels, restaurants and leisure – 2.6%		
Airbnb, Inc., Class A (A)	112,997	17,793,638
Chipotle Mexican Grill, Inc. (A)	3,895	10,472,759
Marriott International, Inc., Class A	68,606	17,142,581
		45,408,978
Specialty retail – 3.4%		
O'Reilly Automotive, Inc. (A)	17,274	18,784,093
The Home Depot, Inc.	65,095	24,775,808
The TJX Companies, Inc.	162,203	16,080,805
		59,640,706
Textiles, apparel and luxury goods – 3.2%		
Lululemon Athletica, Inc. (A)	46,555	21,745,375
LVMH Moët Hennessy Louis Vuitton SE	22,572	20,602,256
NIKE, Inc., Class B	127,396	13,240,266
		55,587,897
		366,879,256
Consumer staples – 2.9%		
Consumer staples distribution and retail – 2.0%		
Costco Wholesale Corp.	48,100	35,781,109
Personal care products – 0.9%		
L'Oreal SA	32,362	15,458,320
		51,239,429
Financials – 7.6%		
Banks – 0.4%		
NU Holdings, Ltd., Class A (A)	566,916	6,281,429
Capital markets – 1.7%		
Moody's Corp.	40,826	15,490,201
The Goldman Sachs Group, Inc.	38,856	15,116,927
		30,607,128
Financial services – 5.5%		
Mastercard, Inc., Class A	97,557	46,316,161
Visa, Inc., Class A	173,260	48,970,206
		95,286,367
		132,174,924

Capital Appreciation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care – 11.4%		
Biotechnology – 1.5%		
Vertex Pharmaceuticals, Inc. (A)	62,774	\$ 26,411,533
Health care equipment and supplies – 1.3%		
Intuitive Surgical, Inc. (A)	57,266	22,081,770
Health care providers and services – 1.4%		
UnitedHealth Group, Inc.	48,525	23,951,940
Pharmaceuticals – 7.2%		
AstraZeneca PLC, ADR	295,957	18,988,601
Eli Lilly & Company	90,227	68,002,285
Novo Nordisk A/S, ADR	329,528	39,467,569
		126,458,455
		198,903,698
Industrials – 2.4%		
Aerospace and defense – 0.8%		
The Boeing Company (A)	68,936	14,043,642
Ground transportation – 1.6%		
Uber Technologies, Inc. (A)	354,695	28,198,253
		42,241,895
Information technology – 41.2%		
Electronic equipment, instruments and components – 0.6%		
Keysight Technologies, Inc. (A)	72,475	11,182,893
IT services – 2.3%		
MongoDB, Inc. (A)	41,765	18,693,179
Snowflake, Inc., Class A (A)	110,010	20,712,683
		39,405,862
Semiconductors and semiconductor equipment – 17.8%		
Advanced Micro Devices, Inc. (A)	397,481	76,527,017
ASML Holding NV, NYRS	28,686	27,299,892
Broadcom, Inc.	48,408	62,954,120
NVIDIA Corp.	180,351	142,679,283
		309,460,312
Software – 16.9%		
Adobe, Inc. (A)	44,191	24,759,333
Cadence Design Systems, Inc. (A)	81,072	24,676,695
CrowdStrike Holdings, Inc., Class A (A)	64,950	21,053,543
HubSpot, Inc. (A)	20,491	12,680,036
Microsoft Corp.	333,572	137,978,725
Palo Alto Networks, Inc. (A)	29,531	9,170,852
Salesforce, Inc. (A)	116,343	35,929,045
ServiceNow, Inc. (A)	37,832	29,181,335
		295,429,564
Technology hardware, storage and peripherals – 3.6%		
Apple, Inc.	346,764	62,677,593
		718,156,224
Real estate – 1.0%		
Specialized REITs – 1.0%		
American Tower Corp.	85,480	16,998,553
TOTAL COMMON STOCKS (Cost \$671,444,226)		\$ 1,743,636,348
SHORT-TERM INVESTMENTS – 0.1%		
Short-term funds – 0.1%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 5.2628% (B)	1,657,092	1,657,092
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,657,092)		\$ 1,657,092
Total Investments (Capital Appreciation Fund) (Cost \$673,101,318) – 100.1%		\$ 1,745,293,440
Other assets and liabilities, net – (0.1%)		(1,278,187)
TOTAL NET ASSETS – 100.0%		\$ 1,744,015,253

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Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Capital Appreciation Fund (continued)

Security Abbreviations and Legend

ADR	American Depositary Receipt
NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 2-29-24.

Capital Appreciation Value Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 61.8%		
Communication services – 4.0%		
Interactive media and services – 4.0%		
Alphabet, Inc., Class A (A)(B)	233,214	\$ 32,290,809
Meta Platforms, Inc., Class A (A)	33,335	16,338,484
		48,629,293
Consumer discretionary – 4.4%		
Automobile components – 0.1%		
Mobileye Global, Inc., Class A (B)	36,452	928,432
Broadline retail – 2.3%		
Amazon.com, Inc. (A)(B)	161,251	28,502,727
Hotels, restaurants and leisure – 2.0%		
Hilton Worldwide Holdings, Inc. (A)	32,194	6,577,878
McDonald's Corp. (A)	13,900	4,062,692
Yum! Brands, Inc. (A)	98,086	13,577,064
		24,217,634
		53,648,793
Consumer staples – 0.1%		
Beverages – 0.1%		
Keurig Dr. Pepper, Inc. (A)	25,782	771,140
Energy – 2.7%		
Oil, gas and consumable fuels – 2.7%		
Canadian Natural Resources, Ltd.	330,049	23,001,115
Chesapeake Energy Corp.	115,185	9,535,014
		32,536,129
Financials – 6.5%		
Banks – 0.5%		
The PNC Financial Services Group, Inc.	42,587	6,268,806
Capital markets – 2.8%		
Intercontinental Exchange, Inc.	102,494	14,187,219
KKR & Company, Inc.	70,893	6,965,946
Morgan Stanley	42,800	3,682,512
The Goldman Sachs Group, Inc.	22,651	8,812,372
		33,648,049
Financial services – 2.1%		
Mastercard, Inc., Class A	29,451	13,982,157
Visa, Inc., Class A (A)	43,273	12,230,681
		26,212,838
Insurance – 1.1%		
Arthur J. Gallagher & Company	9,400	2,292,942
Marsh & McLennan Companies, Inc.	52,887	10,697,453
		12,990,395
		79,120,088
Health care – 12.9%		
Biotechnology – 2.1%		
AbbVie, Inc.	61,699	10,862,109
Argenx SE, ADR (B)	5,621	2,136,036
Biogen, Inc. (B)	46,471	10,083,742
Karuna Therapeutics, Inc. (B)	6,131	1,924,950
		25,006,837
Health care equipment and supplies – 3.3%		
Becton, Dickinson and Company	99,048	23,330,756
GE HealthCare Technologies, Inc.	119,077	10,869,349

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Teleflex, Inc.	23,800	\$ 5,302,402
		39,502,507
Health care providers and services – 2.7%		
Humana, Inc.	9,000	3,152,880
UnitedHealth Group, Inc. (A)	60,737	29,979,783
		33,132,663
Life sciences tools and services – 3.9%		
Avantor, Inc. (B)	194,652	4,796,225
Danaher Corp.	65,291	16,527,764
Revvity, Inc.	221,229	24,244,486
Thermo Fisher Scientific, Inc.	3,726	2,124,491
		47,692,966
Pharmaceuticals – 0.9%		
Eli Lilly & Company	14,655	11,045,180
		156,380,153
Industrials – 8.8%		
Aerospace and defense – 1.2%		
Northrop Grumman Corp.	5,400	2,489,508
RTX Corp.	137,834	12,359,575
		14,849,083
Commercial services and supplies – 3.6%		
Republic Services, Inc.	13,211	2,425,540
Veralto Corp. (A)	198,840	17,183,753
Waste Connections, Inc.	142,880	23,780,947
		43,390,240
Electrical equipment – 0.6%		
AMETEK, Inc.	39,443	7,106,840
Industrial conglomerates – 0.1%		
General Electric Company	6,623	1,039,082
Machinery – 3.1%		
Fortive Corp. (A)	340,111	28,953,649
Ingersoll Rand, Inc.	104,362	9,531,381
		38,485,030
Professional services – 0.2%		
Equifax, Inc.	8,934	2,444,253
		107,314,528
Information technology – 16.3%		
Electronic equipment, instruments and components – 1.1%		
Teledyne Technologies, Inc. (B)	31,406	13,418,842
Semiconductors and semiconductor equipment – 3.3%		
Analog Devices, Inc.	20,960	4,020,547
KLA Corp.	5,935	4,049,451
Lam Research Corp.	5,760	5,404,320
NVIDIA Corp.	26,688	21,113,411
NXP Semiconductors NV	22,270	5,561,487
		40,149,216
Software – 10.3%		
Aurora Innovation, Inc. (B)(C)	1,653,210	4,199,153
Intuit, Inc. (A)	22,298	14,781,121
Microsoft Corp. (A)	146,736	60,695,873
PTC, Inc. (B)	70,840	12,964,428
Roper Technologies, Inc.	31,562	17,192,768
Salesforce, Inc. (B)	46,991	14,511,761
		124,345,104
Technology hardware, storage and peripherals – 1.6%		
Apple, Inc. (A)	107,748	19,475,451
		197,388,613

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

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Materials – 0.9%		
Linde PLC	22,806	\$ 10,235,789
Chemicals – 0.8%		
Construction materials – 0.1%		
Martin Marietta Materials, Inc.	1,658	957,843
		11,193,632
Real estate – 0.3%		
Specialized REITs – 0.3%		
SBA Communications Corp.	15,146	3,168,998
Utilities – 4.9%		
Electric utilities – 1.7%		
Exelon Corp.	357,926	12,828,068
Xcel Energy, Inc. (A)	139,113	7,329,864
		20,157,932
Multi-utilities – 2.8%		
Ameren Corp.	168,328	11,983,270
CenterPoint Energy, Inc.	431,977	11,879,368
CMS Energy Corp.	11,926	684,195
DTE Energy Company	81,220	8,800,187
NiSource, Inc.	12,753	332,756
Public Service Enterprise Group, Inc.	1,904	118,810
WEC Energy Group, Inc.	8,975	704,448
		34,503,034
Water utilities – 0.4%		
Essential Utilities, Inc.	149,716	5,207,122
		59,868,088
TOTAL COMMON STOCKS (Cost \$585,805,148)		\$ 750,019,455
PREFERRED SECURITIES – 0.3%		
Financials – 0.0%		
Capital markets – 0.0%		
The Charles Schwab Corp., 5.950%	6,654	168,413
Utilities – 0.3%		
Electric utilities – 0.1%		
SCE Trust IV, 5.375% (5.375% to 9-15-25, then 3 month CME Term SOFR + 3.394%)	22,358	526,531
Multi-utilities – 0.2%		
CMS Energy Corp., 5.875%	56,560	1,422,484
CMS Energy Corp., 5.875%	34,583	855,238
NiSource, Inc., 6.500% (6.500% to 3-15-24, then 5 Year CMT + 3.632% to 3-15-44, then 5 Year CMT + 4.632%)	14,343	358,001
		2,635,723
		3,162,254
TOTAL PREFERRED SECURITIES (Cost \$3,362,450)		\$ 3,330,667
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 11.5%		
U.S. Government – 11.5%		
U.S. Treasury Notes		
3.375%, 05/15/2033	\$ 36,177,000	33,749,184
3.875%, 08/15/2033	36,696,900	35,601,727
4.000%, 02/15/2034	22,829,300	22,383,415
4.500%, 11/15/2033	46,628,200	47,509,764
		139,244,090
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$138,635,698)		\$ 139,244,090

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS - 10.4%		
Communication services - 1.0%		
CCO Holdings LLC		
5.000%, 02/01/2028 (D)	\$ 5,270,000	\$ 4,862,874
5.125%, 05/01/2027 (D)	5,736,000	5,421,466
5.500%, 05/01/2026 (D)	419,000	411,682
Lamar Media Corp.		
3.625%, 01/15/2031	120,000	103,618
3.750%, 02/15/2028	754,000	699,335
4.875%, 01/15/2029	137,000	129,808
Live Nation Entertainment, Inc.		
4.875%, 11/01/2024 (D)	90,000	89,253
		11,718,036
Consumer discretionary - 2.7%		
Cedar Fair LP		
5.250%, 07/15/2029	1,000,000	944,581
5.375%, 04/15/2027	1,913,000	1,892,548
5.500%, 05/01/2025 (D)	1,206,000	1,201,957
6.500%, 10/01/2028	1,167,000	1,168,975
Clarios Global LP		
6.250%, 05/15/2026 (D)	689,000	687,131
6.750%, 05/15/2025 (D)	539,000	538,629
8.500%, 05/15/2027 (D)	1,465,000	1,472,592
Hilton Domestic Operating Company, Inc.		
3.625%, 02/15/2032 (D)	1,634,000	1,395,861
3.750%, 05/01/2029 (D)	1,458,000	1,324,341
4.000%, 05/01/2031 (D)	1,841,000	1,635,697
4.875%, 01/15/2030	1,140,000	1,083,901
5.375%, 05/01/2025 (D)	582,000	579,196
5.750%, 05/01/2028 (D)	1,389,000	1,385,169
Hilton Worldwide Finance LLC		
4.875%, 04/01/2027	379,000	369,775
KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC		
4.750%, 06/01/2027 (D)	3,194,000	3,112,510
Life Time, Inc.		
5.750%, 01/15/2026 (D)	1,160,000	1,150,265
Marriott International, Inc.		
3.125%, 06/15/2026	71,000	67,788
Service Corp. International		
3.375%, 08/15/2030	669,000	574,350
4.625%, 12/15/2027	109,000	104,566
Six Flags Entertainment Corp.		
5.500%, 04/15/2027 (D)	1,863,000	1,823,411
Six Flags Theme Parks, Inc.		
7.000%, 07/01/2025 (D)	669,000	670,554
Vail Resorts, Inc.		
6.250%, 05/15/2025 (D)	418,000	419,509
Yum! Brands, Inc.		
3.625%, 03/15/2031	1,263,000	1,110,687
4.625%, 01/31/2032	2,471,000	2,268,402
4.750%, 01/15/2030 (D)	1,138,000	1,079,575
5.350%, 11/01/2043	2,072,000	1,986,271
5.375%, 04/01/2032	2,622,000	2,517,671
6.875%, 11/15/2037	511,000	554,905
		33,120,817
Energy - 0.1%		
Pioneer Natural Resources Company		
1.125%, 01/15/2026	100,000	92,815
2.150%, 01/15/2031	250,000	209,150
5.100%, 03/29/2026	205,000	204,777
		506,742
Financials - 3.1%		
Alliant Holdings Intermediate LLC		
4.250%, 10/15/2027 (D)	375,000	346,112

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Alliant Holdings		
Intermediate LLC (continued)		
5.875%, 11/01/2029 (D)	\$ 609,000	\$ 557,473
6.750%, 10/15/2027 to 04/15/2028 (D)	3,856,000	3,797,791
7.000%, 01/15/2031 (D)	3,372,000	3,358,815
AmWINS Group, Inc.		
4.875%, 06/30/2029 (D)	570,000	525,712
AssuredPartners, Inc.		
7.500%, 02/15/2032 (D)	339,000	333,145
BroadStreet Partners, Inc.		
5.875%, 04/15/2032 (D)	1,315,000	1,219,737
HUB International, Ltd.		
5.625%, 12/01/2029 (D)	908,000	842,752
7.250%, 06/15/2030 (D)	11,331,000	11,558,844
7.375%, 01/31/2032 (D)	6,844,000	6,865,682
Intercontinental Exchange, Inc.		
4.000%, 09/15/2027	167,000	161,430
MSCI, Inc.		
3.250%, 08/15/2033 (D)	738,000	605,199
3.625%, 09/01/2030 to 11/01/2031 (D)	2,800,000	2,452,770
3.875%, 02/15/2031 (D)	1,165,000	1,036,324
4.000%, 11/15/2029 (D)	1,552,000	1,424,736
Ryan Specialty LLC		
4.375%, 02/01/2030 (D)	306,000	284,210
USI, Inc.		
7.500%, 01/15/2032 (D)	2,691,000	2,680,909
		38,051,641
Health care - 1.2%		
Avantor Funding, Inc.		
3.875%, 11/01/2029 (D)	1,021,000	915,123
4.625%, 07/15/2028 (D)	3,658,000	3,452,725
Becton, Dickinson and Company		
3.700%, 06/06/2027	418,000	400,733
Biogen, Inc.		
3.150%, 05/01/2050	1,213,000	801,278
Charles River Laboratories International, Inc.		
3.750%, 03/15/2029 (D)	515,000	464,596
4.000%, 03/15/2031 (D)	899,000	792,927
4.250%, 05/01/2028 (D)	393,000	368,595
GE HealthCare Technologies, Inc.		
5.650%, 11/15/2027	303,000	307,765
Heartland Dental LLC		
8.500%, 05/01/2026 (D)	796,000	782,070
10.500%, 04/30/2028 (D)	1,169,000	1,227,450
Hologic, Inc.		
3.250%, 02/15/2029 (D)	609,000	542,989
IQVIA, Inc.		
5.000%, 05/15/2027 (D)	551,000	536,420
5.700%, 05/15/2028	1,562,000	1,573,340
6.500%, 05/15/2030 (D)	391,000	396,419
PRA Health Sciences, Inc.		
2.875%, 07/15/2026 (D)	436,000	403,055
Surgery Center Holdings, Inc.		
10.000%, 04/15/2027 (D)	808,000	811,959
Teleflex, Inc.		
4.250%, 06/01/2028 (D)	145,000	135,370
4.625%, 11/15/2027	952,000	909,041
		14,821,855
Industrials - 1.6%		
Booz Allen Hamilton, Inc.		
3.875%, 09/01/2028 (D)	754,000	699,621
4.000%, 07/01/2029 (D)	521,000	480,956
5.950%, 08/04/2033	363,000	372,353

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
Delta Air Lines, Inc.		
4.750%, 10/20/2028 (D)	\$ 1,136,223	\$ 1,110,671
GFL Environmental, Inc.		
4.000%, 08/01/2028 (D)	634,000	581,297
4.375%, 08/15/2029 (D)	520,000	473,757
4.750%, 06/15/2029 (D)	1,355,000	1,268,736
6.750%, 01/15/2031 (D)	337,000	344,704
Howmet Aerospace, Inc.		
3.000%, 01/15/2029	754,000	676,244
5.900%, 02/01/2027	331,000	334,164
Korn Ferry		
4.625%, 12/15/2027 (D)	818,000	773,037
Mileage Plus Holdings LLC		
6.500%, 06/20/2027 (D)	1,706,095	1,706,512
Sensata Technologies BV		
4.000%, 04/15/2029 (D)	1,016,000	921,439
5.000%, 10/01/2025 (D)	700,000	693,473
5.875%, 09/01/2030 (D)	427,000	415,873
Sensata Technologies, Inc.		
3.750%, 02/15/2031 (D)	796,000	680,699
4.375%, 02/15/2030 (D)	322,000	293,403
TransDigm, Inc.		
5.500%, 11/15/2027	1,216,000	1,174,132
6.375%, 03/01/2029 (D)	2,506,000	2,517,328
6.625%, 03/01/2032 (D)	2,505,000	2,520,652
7.125%, 12/01/2031 (D)	663,000	680,119
United Airlines 2012-1 Class A Pass Through Trust		
4.150%, 10/11/2025	642,661	641,056
US Airways 2012-2 Class A Pass Through Trust		
4.625%, 06/03/2025	112,033	110,121
US Airways 2013-1 Class A Pass Through Trust		
3.950%, 05/15/2027	246,474	239,628
		19,709,975
Information technology - 0.3%		
Black Knight InfoServ LLC		
3.625%, 09/01/2028 (D)	264,000	248,160
Clarivate Science Holdings Corp.		
3.875%, 07/01/2028 (D)	299,000	272,938
4.875%, 07/01/2029 (D)	220,000	199,521
Crowdstrike Holdings, Inc.		
3.000%, 02/15/2029	150,000	132,367
Gartner, Inc.		
3.625%, 06/15/2029 (D)	940,000	842,236
3.750%, 10/01/2030 (D)	333,000	294,728
4.500%, 07/01/2028 (D)	483,000	457,200
PTC, Inc.		
4.000%, 02/15/2028 (D)	468,000	436,639
UKG, Inc.		
6.875%, 02/01/2031 (D)	662,000	668,885
		3,552,674
Materials - 0.1%		
Ball Corp.		
6.000%, 06/15/2029	792,000	795,839
Real estate - 0.3%		
SBA Communications Corp.		
3.125%, 02/01/2029	1,484,000	1,313,332
3.875%, 02/15/2027	1,915,000	1,806,971
SBA Tower Trust		
6.599%, 01/15/2028 (D)	68,000	69,710
VICI Properties LP		
3.750%, 02/15/2027 (D)	140,000	131,698

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate (continued)		
VICI Properties LP (continued)		
4.125%, 08/15/2030 (D)	\$ 309,000	\$ 277,166
5.750%, 02/01/2027 (D)	294,000	292,648
		3,891,525
TOTAL CORPORATE BONDS (Cost \$126,180,776)		\$ 126,169,104
TERM LOANS (E) – 10.5%		
Communication services – 0.1%		
Charter Communications Operating LLC, 2019 Term Loan B2 (1 month CME Term SOFR + 1.750%) 7.076%, 02/01/2027	1,181,010	1,176,026
Consumer discretionary – 0.8%		
Hilton Domestic Operating Company, Inc., 2023 Term Loan B3 (1 month CME Term SOFR + 1.750%) 7.171%, 06/21/2028	3,647,965	3,647,308
IRB Holding Corp., 2024 Term Loan B (1 month CME Term SOFR + 2.750%) 8.176%, 12/15/2027	4,281,990	4,274,539
New Red Finance, Inc., 2023 Term Loan B5 (1 month CME Term SOFR + 2.250%) 7.576%, 09/20/2030	1,607,186	1,598,860
		9,520,707
Consumer staples – 0.2%		
Sunshine Luxembourg VII Sarl, 2021 USD Term Loan B3 (3 month CME Term SOFR + 3.500%) 8.948%, 10/01/2026	2,982,172	2,985,065
Financials – 3.6%		
Alliant Holdings Intermediate LLC, 2023 Term Loan B6 (1 month CME Term SOFR + 3.500%) 8.821%, 11/06/2030	6,129,736	6,130,901
AssuredPartners, Inc., 2020 Term Loan B (1 month CME Term SOFR + 3.500%) 8.941%, 02/12/2027	384,100	384,208
AssuredPartners, Inc., 2021 Term Loan B (1 month CME Term SOFR + 3.500%) 8.941%, 02/12/2027	231,826	231,826
AssuredPartners, Inc., 2022 Term Loan (1 month CME Term SOFR + 3.500%) 8.826%, 02/12/2027	1,137,125	1,137,125
AssuredPartners, Inc., 2023 Term Loan B4 (1 month CME Term SOFR + 3.750%) 9.076%, 02/12/2027	2,088,186	2,089,231
AssuredPartners, Inc., 2024 Incremental Term Loan B5 TBD 02/08/2031 (F)	1,355,651	1,354,811
BroadStreet Partners, Inc., 2020 Term Loan B (1 month CME Term SOFR + 3.000%) 8.441%, 01/27/2027	1,186,545	1,184,326
BroadStreet Partners, Inc., 2023 Term Loan B3 (1 month CME Term SOFR + 3.750%) 9.076%, 01/27/2029	2,637,626	2,636,254
HUB International, Ltd., 2024 Term Loan B (3 month CME Term SOFR + 3.250%) 8.574%, 06/20/2030	17,428,320	17,406,535
Ryan Specialty LLC, Term Loan (1 month CME Term SOFR + 2.750%) 8.076%, 09/01/2027	997,546	997,546
USI, Inc., 2023 Acquisition Term Loan (3 month CME Term SOFR + 3.250%) 8.598%, 09/27/2030	5,493,352	5,489,946

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (E)(continued)		
Financials (continued)		
USI, Inc., 2023 Term Loan B (3 month CME Term SOFR + 3.000%) 8.348%, 11/22/2029	\$ 4,276,500	4,271,154
		43,313,863
Health care – 1.5%		
ADMI Corp., 2021 Incremental Term Loan B3 (1 month CME Term SOFR + 3.750%) 9.191%, 12/23/2027	2,955,518	2,842,853
ADMI Corp., 2021 Term Loan B2 (1 month CME Term SOFR + 3.375%) 8.816%, 12/23/2027	1,718,057	1,641,965
ADMI Corp., 2023 Term Loan B5 (1 month CME Term SOFR + 5.750%) 11.076%, 12/23/2027	368,361	366,704
athenahealth, Inc., 2022 Term Loan B (1 month CME Term SOFR + 3.250%) 8.576%, 02/15/2029	4,346,665	4,305,241
Avantor Funding, Inc., 2021 Term Loan B5 (1 month CME Term SOFR + 2.250%) 7.676%, 11/08/2027	92,852	92,900
Heartland Dental LLC, 2023 Term Loan B (1 month CME Term SOFR + 5.000%) 10.320%, 04/28/2028	4,087,554	4,087,554
Loire Finco Luxembourg Sarl, 2021 USD Term Loan B2 (1 month CME Term SOFR + 3.750%) 9.176%, 04/21/2027	715,488	698,316
Loire Finco Luxembourg Sarl, USD Term Loan B (1 month CME Term SOFR + 3.500%) 8.926%, 04/21/2027	3,864,526	3,767,913
		17,803,446
Industrials – 1.3%		
Filtration Group Corp., 2021 Incremental Term Loan (1 month CME Term SOFR + 3.500%) 8.941%, 10/21/2028	1,170,790	1,170,274
Filtration Group Corp., 2023 EUR Term Loan (1 month EURIBOR + 4.250%) 8.105%, 10/21/2028	EUR 2,271,977	2,447,939
Filtration Group Corp., 2023 USD Term Loan (1 month CME Term SOFR + 4.250%) 9.691%, 10/21/2028	\$ 2,987,022	2,987,589
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month CME Term SOFR + 5.250%) 10.770%, 06/21/2027	4,739,285	4,876,630
SkyMiles IP, Ltd., 2020 Skymiles Term Loan B (3 month CME Term SOFR + 3.750%) 9.068%, 10/20/2027	1,764,975	1,813,106
TransDigm, Inc., 2022 Term Loan H (3 month CME Term SOFR + 3.250%) 8.598%, 02/22/2027	869,088	870,913
TransUnion LLC, 2019 Term Loan B5 (1 month CME Term SOFR + 1.750%) 7.176%, 11/16/2026	1,448,966	1,446,706
		15,613,157
Information technology – 2.8%		
Applied Systems, Inc., 2022 Extended 1st Lien Term Loan (3 month CME Term SOFR + 4.500%) 8.821%, 09/18/2026	6,836,996	6,855,319
Applied Systems, Inc., 2024 1st Lien Term Loan TBD 02/24/2031 (F)	2,679,609	2,689,095
Applied Systems, Inc., 2024 2nd Lien Term Loan TBD 02/06/2032 (F)	1,422,401	1,454,405
Azalea TopCo, Inc., 2021 Term Loan B (1 month CME Term SOFR + 3.750%) 9.191%, 07/24/2026	1,533,735	1,522,232

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (E)(continued)		
Information technology (continued)		
Azalea TopCo, Inc., 2022 Incremental Term Loan (1 month CME Term SOFR + 3.750%) 9.176%, 07/24/2026	\$ 717,727	712,523
Azalea TopCo, Inc., Term Loan (1 month CME Term SOFR + 3.500%) 8.941%, 07/24/2026	4,052,817	4,019,057
Ellucian Holdings, Inc., 2021 Term Loan B (1 month CME Term SOFR + 3.500%) 8.821%, 10/07/2027	2,877,871	2,874,274
Ellucian Holdings, Inc., 2022 Incremental Term Loan B (1 month CME Term SOFR + 4.250%) 9.571%, 10/07/2027	558,925	557,879
Epicor Software Corp., 2020 Term Loan (1 month CME Term SOFR + 3.250%) 8.691%, 07/30/2027	659,287	660,731
Epicor Software Corp., 2023 Incremental Term Loan (1 month CME Term SOFR + 3.750%) 9.076%, 07/30/2027	143,715	144,321
Quartz Acquireco LLC, Term Loan B (1 month CME Term SOFR + 3.500%) 8.826%, 06/28/2030	143,572	143,392
RealPage, Inc., 1st Lien Term Loan (1 month CME Term SOFR + 3.000%) 8.441%, 04/24/2028	2,537,937	2,467,839
RealPage, Inc., 2nd Lien Term Loan (1 month CME Term SOFR + 6.500%) 11.941%, 04/23/2029	225,000	223,079
Severin Acquisition LLC, 2018 Term Loan B (3 month CME Term SOFR + 3.250%) 8.563%, 08/01/2027	353,545	353,609
Storable, Inc., Term Loan B (1 and 3 month CME Term SOFR + 3.500%) 8.780%, 04/17/2028	1,363,923	1,361,373
UKG, Inc., 2024 Term Loan B (3 month CME Term SOFR + 3.500%) 8.814%, 02/10/2031	8,337,809	8,341,728
		34,380,856
Real estate – 0.2%		
SBA Senior Finance II LLC, 2024 Term Loan B (1 month CME Term SOFR + 2.000%) 7.330%, 01/25/2031	2,101,397	2,099,212
TOTAL TERM LOANS (Cost \$126,839,453)	\$	126,892,332

Capital Appreciation Value Fund (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 6.4%		
Short-term funds – 6.4%		
John Hancock Collateral Trust, 5.2759% (G)(H)	136,077	\$ 1,360,825
State Street Institutional U.S. Government Money Market Fund, Premier Class, 5.2628% (G)	7,423,489	7,423,489
T. Rowe Price Government Reserve Fund, 5.3661% (G)	69,158,715	69,158,715
TOTAL SHORT-TERM INVESTMENTS (Cost \$77,942,401)	\$	77,943,029
Total Investments (Capital Appreciation Value Fund) (Cost \$1,058,765,926) – 100.9%		
Other assets and liabilities, net – (0.9%)		(10,918,352)
TOTAL NET ASSETS – 100.0%	\$	1,212,680,325

Currency Abbreviations

EUR Euro

Security Abbreviations and Legend

ADR	American Depositary Receipt
CME	CME Group Published Rates
CMT	Constant Maturity Treasury
EURIBOR	Euro 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 2-29-24.
(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)	Term loans are variable rate obligations. The rate shown represents the rate at period end.
(F)	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).
(G)	The rate shown is the annualized seven-day yield as of 2-29-24.
(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.

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	160.00	Jan 2025	103	10,300	\$ 124,321	\$ (260,481)
CITI	AbbVie, Inc.	USD	165.00	Jan 2025	104	10,400	104,728	(226,933)
JPM	AbbVie, Inc.	USD	165.00	Jan 2025	26	2,600	18,648	(56,733)
JPM	AbbVie, Inc.	USD	170.00	Jan 2025	27	2,700	14,794	(50,187)
CITI	AbbVie, Inc.	USD	175.00	Jan 2025	130	13,000	87,360	(203,419)
UBS	Analog Devices, Inc.	USD	210.00	Jun 2024	8	800	11,085	(3,323)
UBS	Analog Devices, Inc.	USD	220.00	Jun 2024	8	800	8,302	(1,726)
JPM	Arthur J. Gallagher & Company	USD	250.00	Nov 2024	35	3,500	31,570	(60,447)
JPM	Arthur J. Gallagher & Company	USD	250.00	Nov 2024	33	3,300	33,891	(56,992)
JPM	Exelon Corp.	USD	47.00	Jun 2024	16	1,600	2,144	(10)
CITI	Intercontinental Exchange, Inc.	USD	125.00	Jan 2025	54	5,400	33,532	(116,235)
CITI	Intercontinental Exchange, Inc.	USD	125.00	Jan 2025	40	4,000	29,795	(86,100)

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (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	Intercontinental Exchange, Inc.	USD	130.00	Jan 2025	54	5,400	\$ 23,821	\$ (96,713)
CITI	Intercontinental Exchange, Inc.	USD	130.00	Jan 2025	40	4,000	21,433	(71,639)
BOA	Intercontinental Exchange, Inc.	USD	140.00	Jan 2025	34	3,400	19,720	(39,687)
BOA	Intercontinental Exchange, Inc.	USD	140.00	Jan 2025	36	3,600	20,232	(42,021)
BOA	Intercontinental Exchange, Inc.	USD	145.00	Jan 2025	34	3,400	13,906	(31,014)
BOA	Intercontinental Exchange, Inc.	USD	145.00	Jan 2025	37	3,700	14,615	(33,750)
WFB	Linde PLC	USD	440.00	Jan 2025	12	1,200	22,172	(55,969)
WFB	Linde PLC	USD	440.00	Jan 2025	10	1,000	18,400	(46,641)
WFB	Linde PLC	USD	450.00	Jan 2025	10	1,000	14,822	(40,722)
WFB	Linde PLC	USD	450.00	Jan 2025	12	1,200	17,868	(48,867)
WFB	Linde PLC	USD	460.00	Jan 2025	14	1,400	28,858	(49,364)
WFB	Linde PLC	USD	460.00	Jan 2025	15	1,500	39,132	(52,890)
WFB	Linde PLC	USD	480.00	Jan 2025	14	1,400	19,953	(36,091)
WFB	Linde PLC	USD	480.00	Jan 2025	15	1,500	27,437	(38,669)
GSI	Marsh & McLennan Companies, Inc.	USD	210.00	Jul 2024	30	3,000	23,768	(18,782)
GSI	Marsh & McLennan Companies, Inc.	USD	220.00	Jul 2024	30	3,000	12,117	(8,272)
GSI	Marsh & McLennan Companies, Inc.	USD	210.00	Dec 2024	61	6,100	48,983	(78,304)
GSI	Marsh & McLennan Companies, Inc.	USD	210.00	Dec 2024	63	6,300	54,621	(80,871)
JPM	Mastercard, Inc., Class A	USD	480.00	Jan 2025	18	1,800	43,326	(78,945)
JPM	Mastercard, Inc., Class A	USD	490.00	Jan 2025	19	1,900	38,513	(72,903)
JPM	Mastercard, Inc., Class A	USD	500.00	Jan 2025	18	1,800	30,276	(59,984)
UBS	McDonald's Corp.	USD	320.00	Jan 2025	23	2,300	32,016	(23,088)
UBS	McDonald's Corp.	USD	320.00	Jan 2025	23	2,300	27,186	(23,088)
UBS	McDonald's Corp.	USD	325.00	Jan 2025	23	2,300	27,186	(19,435)
UBS	McDonald's Corp.	USD	325.00	Jan 2025	23	2,300	22,931	(19,435)
UBS	McDonald's Corp.	USD	330.00	Jan 2025	24	2,400	23,928	(16,943)
UBS	McDonald's Corp.	USD	330.00	Jan 2025	23	2,300	19,481	(16,237)
BARC	Northrop Grumman Corp.	USD	490.00	Jan 2025	54	5,400	124,688	(159,332)
WFB	NXP Semiconductors NV	USD	220.00	Jun 2024	11	1,100	20,519	(41,436)
WFB	Republic Services, Inc.	USD	170.00	Jul 2024	14	1,400	7,001	(25,444)
WFB	Republic Services, Inc.	USD	175.00	Jul 2024	14	1,400	4,487	(19,804)
CITI	Roper Technologies, Inc.	USD	580.00	Dec 2024	8	800	19,174	(21,842)
CITI	Roper Technologies, Inc.	USD	580.00	Dec 2024	6	600	14,961	(16,381)
CITI	Roper Technologies, Inc.	USD	580.00	Dec 2024	13	1,300	37,285	(35,493)
CITI	Roper Technologies, Inc.	USD	600.00	Dec 2024	8	800	13,840	(15,973)
CITI	Roper Technologies, Inc.	USD	600.00	Dec 2024	6	600	10,854	(11,980)
CITI	Roper Technologies, Inc.	USD	600.00	Dec 2024	13	1,300	26,122	(25,956)
CITI	Roper Technologies, Inc.	USD	600.00	Dec 2024	4	400	9,119	(7,986)
CITI	Roper Technologies, Inc.	USD	600.00	Dec 2024	7	700	16,366	(13,976)
CITI	Roper Technologies, Inc.	USD	620.00	Dec 2024	4	400	5,095	(5,823)
CITI	Roper Technologies, Inc.	USD	620.00	Dec 2024	7	700	9,246	(10,191)
CITI	Roper Technologies, Inc.	USD	640.00	Dec 2024	4	400	3,207	(4,289)
CITI	Roper Technologies, Inc.	USD	640.00	Dec 2024	7	700	5,874	(7,505)
GSI	Salesforce, Inc.	USD	230.00	Jun 2024	8	800	19,198	(66,735)
GSI	Salesforce, Inc.	USD	240.00	Jun 2024	8	800	15,965	(59,296)
CITI	UnitedHealth Group, Inc.	USD	580.00	Jan 2025	46	4,600	195,940	(72,154)
JPM	UnitedHealth Group, Inc.	USD	600.00	Jan 2025	58	5,800	184,720	(66,505)
GSI	Visa, Inc., Class A	USD	250.00	Jun 2024	4	400	5,788	(15,483)
GSI	Visa, Inc., Class A	USD	260.00	Jun 2024	4	400	4,268	(12,016)
GSI	Visa, Inc., Class A	USD	305.00	Jan 2025	29	2,900	32,248	(45,303)
GSI	Visa, Inc., Class A	USD	310.00	Jan 2025	29	2,900	27,898	(39,470)
GSI	Visa, Inc., Class A	USD	315.00	Jan 2025	30	3,000	24,660	(35,400)
WFB	Yum! Brands, Inc.	USD	140.00	Jan 2025	18	1,800	10,666	(18,954)
WFB	Yum! Brands, Inc.	USD	140.00	Jan 2025	7	700	3,992	(7,371)
WFB	Yum! Brands, Inc.	USD	140.00	Jan 2025	10	1,000	5,352	(10,530)
WFB	Yum! Brands, Inc.	USD	140.00	Jan 2025	26	2,600	15,720	(27,378)
JPM	Yum! Brands, Inc.	USD	145.00	Jan 2025	67	6,700	39,787	(53,037)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2025	54	5,400	24,271	(42,746)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2025	38	3,800	19,855	(30,081)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2025	17	1,700	9,215	(13,457)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2025	18	1,800	6,952	(14,249)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2025	7	700	2,579	(5,541)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2025	10	1,000	3,404	(7,916)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2025	26	2,600	10,293	(20,582)

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (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	Yum! Brands, Inc.	USD	150.00	Jan 2025	67	6,700	\$ 27,032	\$ (38,492)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2025	54	5,400	16,955	(31,023)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2025	38	3,800	13,939	(21,831)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2025	17	1,700	6,495	(9,767)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2025	18	1,800	4,247	(10,341)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2025	7	700	1,558	(4,022)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2025	10	1,000	2,015	(5,745)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2025	26	2,600	6,322	(14,937)
							\$2,276,043	\$(3,546,683)

Derivatives Currency Abbreviations

USD U.S. Dollar

Derivatives Abbreviations

BARC Barclays Bank PLC
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.

Core Bond Fund

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 56.0%		
U.S. Government – 26.8%		
U.S. Treasury Bonds		
1.125%, 05/15/2040 to 08/15/2040	\$ 47,148,000	\$ 28,817,912
1.375%, 11/15/2040	30,307,000	19,247,313
1.750%, 08/15/2041	46,018,000	30,646,909
2.000%, 11/15/2041	23,163,000	16,036,758
2.375%, 02/15/2042 to 05/15/2051	23,073,000	16,050,141
2.875%, 05/15/2052	5,468,000	4,117,233
3.125%, 11/15/2041	6,085,000	5,066,000
3.625%, 02/15/2053 to 05/15/2053	18,241,000	15,949,577
3.875%, 05/15/2043	21,733,000	19,873,810
4.125%, 08/15/2053	8,916,000	8,535,677
4.250%, 02/15/2054	8,933,000	8,765,506
4.375%, 08/15/2043	6,271,000	6,139,701
4.500%, 02/15/2044	77,000	76,976
4.750%, 11/15/2043 to 11/15/2053	8,480,000	8,786,277
U.S. Treasury Notes		
0.375%, 07/31/2027	13,419,000	11,727,996
0.750%, 01/31/2028	4,445,000	3,876,179
1.000%, 07/31/2028	16,753,000	14,548,933
1.125%, 10/31/2026 to 08/31/2028	9,252,000	8,426,571
1.250%, 04/30/2028 to 09/30/2028	31,476,000	27,767,876
1.500%, 08/15/2026	3,854,000	3,586,478
2.000%, 11/15/2026	8,142,000	7,636,624
2.375%, 03/31/2029	10,513,000	9,607,486
2.625%, 07/31/2029	1,916,000	1,764,591
2.750%, 07/31/2027	6,437,000	6,106,098
2.875%, 08/15/2028	6,935,000	6,535,696
3.250%, 06/30/2029	18,653,000	17,743,666
3.625%, 03/31/2030	4,580,000	4,419,700
3.875%, 11/30/2027 to 12/31/2029	17,462,000	17,116,043

Core Bond Fund (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government (continued)		
U.S. Treasury Notes (continued)		
4.000%, 01/15/2027 to 02/15/2034	\$ 43,443,000	\$ 42,780,764
4.125%, 01/31/2025 to 02/15/2027	39,696,000	39,369,868
4.250%, 01/31/2026 to 02/28/2031	54,948,000	54,889,500
4.375%, 10/31/2024	81,000	80,544
4.500%, 11/30/2024	88,000	87,526
4.625%, 02/28/2026	9,934,000	9,933,224
5.000%, 09/30/2025	5,851,000	5,869,741
		481,984,894
U.S. Government Agency – 29.2%		
Federal Home Loan Bank		
1.250%, (1.250% to 9-30-24, 1.500% to 9-30-25, 1.750% to 9-30-26, 2.000% to 9-30-27, 2.250% to 9-30-28, 2.500% to 9-30-29, 3.000% to 3-30-30, 3.500% to 9-30-30, 4.000% to 3-30-31, then 4.500% thereafter), 09/30/2031	3,105,000	2,605,755
Federal Home Loan Mortgage Corp.		
2.000%, 07/01/2032 to 12/01/2051	26,288,596	22,140,926
2.500%, 04/01/2042 to 03/01/2052	12,012,650	10,248,098
3.000%, 09/01/2033 to 02/01/2047	16,944,307	15,067,666
3.127%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.640%), 11/01/2048 (A)		
	949,491	932,273
3.209%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.633%), 02/01/2050 (A)		
	1,224,090	1,213,805
3.912%, (30 day Average SOFR + 2.130%), 07/01/2052 (A)		
	713,166	680,222

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (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 Home Loan		
Mortgage Corp. (continued)		
3.967%, (30 day Average SOFR + 2.140%), 08/01/2052 (A)	\$ 947,271	\$ 891,269
4.000%, 07/01/2049 to 03/01/2050	4,869,405	4,597,022
4.123%, (30 day Average SOFR + 2.380%), 09/01/2052 (A)	494,384	474,565
4.190%, (30 day Average SOFR + 2.304%), 05/01/2053 (A)	3,141,964	3,046,660
4.299%, (30 day Average SOFR + 2.130%), 07/01/2052 (A)	844,615	816,347
4.495%, 12/14/2029 (B)	2,068,000	1,597,198
4.500%, 06/01/2039 to 07/01/2039	91,971	88,437
5.128%, (30 day Average SOFR + 2.214%), 08/01/2053 (A)	699,115	692,700
5.180%, (30 day Average SOFR + 2.300%), 06/01/2053 (A)	623,891	618,959
5.281%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.638%), 03/01/2049 (A)	566,836	574,634
5.919%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.637%), 04/01/2048 (A)	1,358,164	1,379,326
5.921%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.732%), 01/01/2044 (A)	240,404	244,327
6.673%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.678%), 09/01/2047 (A)	619,408	630,481
6.809%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.642%), 08/01/2043 (A)	113,225	114,378
6.857%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.638%), 09/01/2045 (A)	934,003	948,689
6.881%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.635%), 07/01/2043 (A)	66,689	67,920
7.013%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.645%), 10/01/2043 (A)	117,599	119,599
7.045%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.650%), 03/01/2043 (A)	99,834	101,201
7.169%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.603%), 09/01/2043 (A)	63,006	64,128
7.189%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.629%), 11/01/2043 (A)	89,673	90,553
7.452%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.609%), 10/01/2043 (A)	115,537	117,250
7.463%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.770%), 09/01/2042 (A)	99,617	101,896
7.511%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.677%), 02/01/2043 (A)	162,104	164,746
Federal National Mortgage Association		
1.500%, 11/01/2041 to 07/01/2051	12,426,454	9,592,583
1.520%, 08/21/2035	2,984,000	2,101,692
1.900%, 01/25/2036	2,659,000	1,940,294
2.000%, TBA (C)	6,700,000	5,266,540

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)		
2.000%, 03/01/2028 to 03/01/2047	\$ 94,846,997	\$ 79,516,612
2.500%, 12/01/2040 to 03/01/2052	19,139,777	16,486,762
2.776%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.606%), 06/01/2050 (A)	868,346	802,179
3.000%, 11/01/2039 to 02/01/2055	117,688,346	103,805,801
3.052%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.603%), 03/01/2050 (A)	1,846,564	1,835,804
3.500%, 05/01/2037 to 04/01/2050	51,768,586	47,356,766
3.677%, (30 day Average SOFR + 2.370%), 08/01/2052 (A)	1,027,877	975,142
3.962%, (30 day Average SOFR + 2.120%), 08/01/2052 (A)	409,305	386,419
4.000%, 01/01/2027 to 05/01/2049	26,547,413	25,315,201
4.122%, (30 day Average SOFR + 2.120%), 09/01/2052 (A)	1,579,066	1,536,424
4.141%, (30 day Average SOFR + 2.132%), 10/01/2052 (A)	4,236,365	4,122,166
4.143%, (30 day Average SOFR + 2.120%), 07/01/2052 (A)	1,415,210	1,345,611
4.208%, (30 day Average SOFR + 2.128%), 11/01/2052 (A)	1,248,464	1,216,287
4.213%, (30 day Average SOFR + 2.370%), 09/01/2052 (A)	467,773	452,006
4.296%, (30 day Average SOFR + 2.126%), 08/01/2052 (A)	1,870,966	1,814,448
4.355%, (30 day Average SOFR + 2.125%), 07/01/2052 (A)	1,744,173	1,695,324
4.500%, 06/01/2041 to 11/01/2048	3,968,086	3,854,268
4.573%, 11/15/2030 (B)	6,077,000	4,482,158
4.616%, (30 day Average SOFR + 2.125%), 08/01/2052 (A)	2,013,868	1,974,282
4.629%, (30 day Average SOFR + 2.123%), 08/01/2052 (A)	1,547,334	1,500,136
4.648%, (30 day Average SOFR + 2.130%), 08/01/2052 (A)	1,640,293	1,609,621
5.691%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.582%), 01/01/2046 (A)	1,627,024	1,659,286
5.726%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.578%), 06/01/2045 (A)	666,142	680,085
6.000%, TBA (C)	22,800,000	22,899,750
6.500%, TBA (C)	31,600,000	32,153,000
6.723%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.560%), 06/01/2043 (A)	78,924	80,383
7.000%, TBA (C)	7,900,000	8,106,549
7.000%, 01/01/2054	7,350,752	7,583,194
7.192%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.582%), 10/01/2043 (A)	234,278	238,190
7.361%, (1 Year Refinitiv USD IBOR Consumer Cash Fallback Rate + 1.664%), 01/01/2043 (A)	54,446	55,469
7.500%, 01/01/2054	4,116,859	4,273,865
Government National		
Mortgage Association		
2.500%, 12/20/2037 to 06/20/2038	4,447,729	4,030,095
3.000%, 06/20/2043 to 10/20/2050	14,368,574	12,669,375
3.500%, 01/20/2048	686,927	623,990

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (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)		
Government National Mortgage Association (continued)		
4.000%, 03/20/2048 to 04/20/2048	\$ 823,035	\$ 770,988
4.500%, 08/15/2047 to 02/20/2049	848,022	821,005
6.000%, 01/20/2053	6,380,358	6,532,926
6.500%, TBA (C)	30,300,000	30,703,712
		525,297,418
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$1,031,232,380)		\$ 1,007,282,312
FOREIGN GOVERNMENT OBLIGATIONS – 0.7%		
Australia – 0.1%		
Export Finance & Insurance Corp. 4.625%, 10/26/2027 (D)	2,310,000	2,313,950
Bermuda – 0.0%		
Government of Bermuda 5.000%, 07/15/2032 (D)	693,000	664,448
Israel – 0.1%		
State of Israel 3.875%, 07/03/2050	483,000	353,944
4.500%, 01/17/2033	1,491,000	1,382,903
		1,736,847
Mexico – 0.3%		
Government of Mexico 2.659%, 05/24/2031	1,112,000	918,946
3.250%, 04/16/2030	504,000	445,515
3.500%, 02/12/2034	3,161,000	2,608,170
6.000%, 05/07/2036	889,000	884,756
6.400%, 05/07/2054	614,000	604,038
		5,461,425
Panama – 0.1%		
Republic of Panama 6.853%, 03/28/2054	1,170,000	1,027,502
8.000%, 03/01/2038	499,000	510,184
		1,537,686
Paraguay – 0.1%		
Republic of Paraguay 5.400%, 03/30/2050 (D)	1,034,000	886,655
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$12,736,225)		\$ 12,601,011
CORPORATE BONDS – 23.8%		
Communication services – 1.6%		
AT&T, Inc. 3.500%, 06/01/2041 to 09/15/2053	1,635,000	1,173,987
3.550%, 09/15/2055	997,000	679,185
3.650%, 09/15/2059	631,000	426,811
3.800%, 12/01/2057	1,814,000	1,276,665
5.400%, 02/15/2034	3,419,000	3,423,516
Charter Communications Operating LLC 3.500%, 06/01/2041 to 03/01/2042	2,001,000	1,311,557
3.900%, 06/01/2052	523,000	328,809
5.250%, 04/01/2053	832,000	648,028
5.500%, 04/01/2063	343,000	265,310
6.150%, 11/10/2026	1,380,000	1,392,062
Comcast Corp. 2.987%, 11/01/2063	754,000	452,992
4.049%, 11/01/2052	650,000	513,080
5.350%, 11/15/2027	1,324,000	1,344,656
Discovery Communications LLC 4.000%, 09/15/2055	705,000	466,652

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Meta Platforms, Inc. 5.600%, 05/15/2053	\$ 1,270,000	\$ 1,314,888
5.750%, 05/15/2063	1,270,000	1,329,566
Paramount Global 4.950%, 05/19/2050	814,000	579,162
T-Mobile USA, Inc. 1.500%, 02/15/2026	451,000	418,953
2.250%, 02/15/2026	1,407,000	1,325,555
2.550%, 02/15/2031	1,007,000	849,032
3.750%, 04/15/2027	2,143,000	2,054,187
5.050%, 07/15/2033	1,672,000	1,635,308
5.150%, 04/15/2034	1,322,000	1,301,744
5.750%, 01/15/2034	1,333,000	1,372,078
Verizon Communications, Inc. 2.355%, 03/15/2032	2,017,000	1,635,360
2.650%, 11/20/2040	844,000	581,901
5.500%, 02/23/2054	1,195,000	1,180,600
		29,281,644
Consumer discretionary – 1.3%		
Ford Motor Credit Company LLC 2.900%, 02/10/2029	2,723,000	2,372,348
General Motors Financial Company, Inc. 5.750%, 02/08/2031	1,648,000	1,643,213
Hyundai Capital America 1.300%, 01/08/2026 (D)	1,270,000	1,177,058
5.500%, 03/30/2026 (D)	687,000	687,537
5.600%, 03/30/2028 (D)	2,096,000	2,115,329
5.700%, 06/26/2030 (D)	661,000	671,813
5.950%, 09/21/2026 (D)	1,868,000	1,889,076
6.500%, 01/16/2029 (D)	1,523,000	1,593,875
Lowe's Companies, Inc. 4.250%, 04/01/2052	1,915,000	1,538,560
5.625%, 04/15/2053	1,307,000	1,297,150
5.750%, 07/01/2053	991,000	1,001,097
5.850%, 04/01/2063	336,000	338,948
McDonald's Corp. 4.700%, 12/09/2035	1,126,000	1,081,721
4.800%, 08/14/2028	1,334,000	1,330,266
5.450%, 08/14/2053	619,000	616,923
Starbucks Corp. 4.850%, 02/08/2027	3,296,000	3,278,688
The Trustees of the University of Pennsylvania 3.610%, 02/15/2119	954,000	663,608
		23,297,210
Consumer staples – 1.6%		
Anheuser-Busch Companies LLC 4.700%, 02/01/2036	2,047,000	1,959,205
Anheuser-Busch InBev Worldwide, Inc. 4.375%, 04/15/2038 (E)	868,000	793,755
5.800%, 01/23/2059	501,000	531,845
BAT Capital Corp. 5.834%, 02/20/2031	721,000	718,507
6.000%, 02/20/2034	361,000	357,129
Bunge, Ltd. Finance Corp. 1.630%, 08/17/2025	691,000	654,292
Constellation Brands, Inc. 4.800%, 01/15/2029	793,000	781,563
4.900%, 05/01/2033	662,000	642,019
5.250%, 11/15/2048	1,399,000	1,323,718
JBS USA LUX SA 6.750%, 03/15/2034 (D)	1,981,000	2,040,425
7.250%, 11/15/2053 (D)	1,397,000	1,463,674
Kenvue, Inc. 5.050%, 03/22/2028 to 03/22/2053	2,200,000	2,176,754

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer staples (continued)		
Keurig Dr. Pepper, Inc. 4.500%, 04/15/2052	\$ 1,266,000	\$ 1,074,946
PepsiCo, Inc. 3.900%, 07/18/2032	1,641,000	1,539,878
Philip Morris International, Inc. 4.875%, 02/15/2028 to 02/13/2029	3,986,000	3,947,445
5.000%, 11/17/2025	1,423,000	1,418,031
5.250%, 09/07/2028	1,446,000	1,456,946
5.375%, 02/15/2033	465,000	462,773
5.500%, 09/07/2030	943,000	951,798
5.625%, 09/07/2033	564,000	570,023
5.750%, 11/17/2032	341,000	347,840
Tyson Foods, Inc. 5.400%, 03/15/2029 (C)	998,000	997,888
5.700%, 03/15/2034 (C)	1,670,000	1,667,840
		27,878,294
Energy – 1.6%		
Aker BP ASA 5.600%, 06/13/2028 (D)	1,748,000	1,764,353
6.000%, 06/13/2033 (D)	2,183,000	2,219,729
BP Capital Markets America, Inc. 4.699%, 04/10/2029	1,633,000	1,613,268
4.812%, 02/13/2033	1,977,000	1,928,733
4.989%, 04/10/2034	1,648,000	1,621,241
Diamondback Energy, Inc. 4.250%, 03/15/2052	200,000	158,170
6.250%, 03/15/2033 to 03/15/2053	2,041,000	2,154,166
Enbridge, Inc. 6.000%, 11/15/2028	994,000	1,029,400
6.200%, 11/15/2030	994,000	1,042,049
6.700%, 11/15/2053	1,457,000	1,628,674
Energy Transfer LP 5.300%, 04/15/2047	1,735,000	1,553,947
5.400%, 10/01/2047	510,000	462,574
5.550%, 05/15/2034	991,000	980,494
5.750%, 02/15/2033	1,322,000	1,331,117
5.950%, 05/15/2054	661,000	645,117
6.125%, 12/15/2045	536,000	532,597
6.400%, 12/01/2030	666,000	698,851
Galaxy Pipeline Assets Bidco, Ltd. 2.160%, 03/31/2034 (D)	1,097,476	940,134
2.625%, 03/31/2036 (D)	817,000	661,821
2.940%, 09/30/2040 (D)	246,344	196,142
MPLX LP 4.950%, 03/14/2052	1,244,000	1,067,638
5.000%, 03/01/2033	2,017,000	1,929,281
5.650%, 03/01/2053	362,000	344,237
ONEOK, Inc. 6.625%, 09/01/2053	1,735,000	1,864,479
Petroleos Mexicanos 2.378%, 04/15/2025	131,250	124,853
2.460%, 12/15/2025	680,200	645,488
		29,138,553
Financials – 6.3%		
Aon North America, Inc. 5.125%, 03/01/2027	998,000	997,276
5.150%, 03/01/2029	2,329,000	2,329,837
5.450%, 03/01/2034	1,664,000	1,665,053
5.750%, 03/01/2054	666,000	668,614
Banco Bilbao Vizcaya Argentaria SA 7.883%, (7.883% to 11-15-33, then 1 Year CMT + 3.300%), 11/15/2034	1,400,000	1,492,476
Banco Santander SA 6.527%, (6.527% to 11-7-26, then 1 Year CMT + 1.650%), 11/07/2027	1,000,000	1,023,088

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Banco Santander SA (continued) 6.607%, 11/07/2028	\$ 1,000,000	\$ 1,050,687
6.938%, 11/07/2033	1,400,000	1,526,219
Bank of America Corp. 1.734%, (1.734% to 7-22-26, then Overnight SOFR + 0.960%), 07/22/2027	4,591,000	4,209,861
3.419%, (3.419% to 12-20-27, then 3 month CME Term SOFR + 1.302%), 12/20/2028	4,701,000	4,391,832
5.288%, (5.288% to 4-25-33, then Overnight SOFR + 1.910%), 04/25/2034	3,797,000	3,743,239
5.819%, (5.819% to 9-15-28, then Overnight SOFR + 1.570%), 09/15/2029	5,133,000	5,230,927
5.872%, (5.872% to 9-15-33, then Overnight SOFR + 1.840%), 09/15/2034	2,567,000	2,632,232
5.933%, (5.933% to 9-15-26, then Overnight SOFR + 1.340%), 09/15/2027	3,667,000	3,716,056
Barclays PLC 6.692%, (6.692% to 9-13-33, then Overnight SOFR + 2.620%), 09/13/2034	1,480,000	1,548,043
BNP Paribas SA 5.176%, (5.176% to 1-9-29, then Overnight SOFR + 1.520%), 01/09/2030 (D)	1,967,000	1,948,590
5.894%, (5.894% to 12-5-33, then Overnight SOFR + 1.866%), 12/05/2034 (D)	1,967,000	2,010,374
Canadian Imperial Bank of Commerce 6.092%, 10/03/2033	1,277,000	1,325,545
Capital One Financial Corp. 7.624%, (7.624% to 10-30-30, then Overnight SOFR + 3.070%), 10/30/2031	1,657,000	1,813,326
Citibank NA 5.803%, 09/29/2028	3,350,000	3,451,402
Citigroup, Inc. 5.827%, (5.827% to 2-13-34, then Overnight SOFR + 2.056%), 02/13/2035	725,000	709,319
6.174%, (6.174% to 5-25-33, then Overnight SOFR + 2.661%), 05/25/2034	1,577,000	1,588,820
Citizens Financial Group, Inc. 5.841%, (5.841% to 1-23-29, then Overnight SOFR + 2.010%), 01/23/2030	1,653,000	1,633,209
Danske Bank A/S 5.705%, (5.705% to 3-1-29, then 1 Year CMT + 1.400%), 03/01/2030 (D)	1,691,000	1,694,591
Deutsche Bank AG 3.742%, (3.742% to 1-7-32, then Overnight SOFR + 2.257%), 01/07/2033	2,728,000	2,192,401
HSBC Holdings PLC 7.399%, (7.399% to 11-13-33, then Overnight SOFR + 3.020%), 11/13/2034	1,283,000	1,375,530
HSBC USA, Inc. 5.294%, 03/04/2027 (C)	4,992,000	4,996,744
KeyCorp 6.401%, (6.401% to 3-6-34, then SOFR Compounded Index + 2.420%), 03/06/2035	1,664,000	1,668,861

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Lloyds Banking Group PLC		
5.462%, (5.462% to 1-5-27, then 1 Year CMT + 1.375%), 01/05/2028	\$ 3,941,000	\$ 3,924,135
5.679%, (5.679% to 1-5-34, then 1 Year CMT + 1.750%), 01/05/2035	1,967,000	1,944,711
Morgan Stanley		
5.123%, (5.123% to 2-1-28, then Overnight SOFR + 1.730%), 02/01/2029	665,000	660,643
5.164%, (5.164% to 4-20-28, then Overnight SOFR + 1.590%), 04/20/2029	665,000	661,197
5.173%, (5.173% to 1-16-29, then Overnight SOFR + 1.450%), 01/16/2030	2,314,000	2,299,472
5.449%, (5.449% to 7-20-28, then Overnight SOFR + 1.630%), 07/20/2029	1,330,000	1,335,063
5.466%, (5.466% to 1-18-34, then Overnight SOFR + 1.730%), 01/18/2035	2,849,000	2,845,647
6.342%, (6.342% to 10-18-32, then Overnight SOFR + 2.560%), 10/18/2033	2,290,000	2,427,088
Morgan Stanley Bank NA		
4.952%, (4.952% to 1-14-27, then Overnight SOFR + 1.080%), 01/14/2028	3,361,000	3,344,004
Santander Holdings USA, Inc.		
6.174%, (6.174% to 1-9-29, then Overnight SOFR + 2.500%), 01/09/2030	1,652,000	1,647,695
7.660%, (7.660% to 11-9-30, then Overnight SOFR + 3.280%), 11/09/2031	1,656,000	1,769,445
Societe Generale SA		
5.634%, (5.634% to 1-19-29, then 1 Year CMT + 1.750%), 01/19/2030 (D)	1,524,000	1,501,814
6.066%, (6.066% to 1-19-34, then 1 Year CMT + 2.100%), 01/19/2035 (D)	712,000	701,556
7.132%, (7.132% to 1-19-54, then 1 Year CMT + 2.950%), 01/19/2055 (D)	725,000	703,651
Truist Financial Corp.		
5.435%, (5.435% to 1-24-29, then Overnight SOFR + 1.620%), 01/24/2030	1,653,000	1,634,922
5.711%, (5.711% to 1-24-34, then Overnight SOFR + 1.922%), 01/24/2035	992,000	982,109
7.161%, (7.161% to 10-30-28, then Overnight SOFR + 2.446%), 10/30/2029	2,336,000	2,472,360
Trust Fibra Uno		
6.390%, 01/15/2050 (D)	682,000	573,754
UBS AG		
5.650%, 09/11/2028	1,553,000	1,582,501
UBS Group AG		
3.091%, (3.091% to 5-14-31, then Overnight SOFR + 1.730%), 05/14/2032 (D)	1,028,000	863,867
4.194%, (4.194% to 4-1-30, then Overnight SOFR + 3.730%), 04/01/2031 (D)	1,013,000	931,657

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
UBS Group AG (continued)		
4.282%, 01/09/2028 (D)	\$ 1,528,000	\$ 1,466,369
5.699%, (5.699% to 2-8-34, then 1 Year CMT + 1.770%), 02/08/2035 (D)	708,000	700,271
6.301%, (6.301% to 9-22-33, then 1 Year CMT + 2.000%), 09/22/2034 (D)	1,046,000	1,081,339
Wells Fargo & Company		
4.611%, (4.611% to 4-25-52, then Overnight SOFR + 2.130%), 04/25/2053	665,000	579,749
4.897%, (4.897% to 7-25-32, then Overnight SOFR + 2.100%), 07/25/2033	3,669,000	3,508,110
5.198%, (5.198% to 1-23-29, then Overnight SOFR + 1.500%), 01/23/2030	2,644,000	2,621,290
5.499%, (5.499% to 1-23-34, then Overnight SOFR + 1.780%), 01/23/2035	2,049,000	2,035,467
5.574%, (5.574% to 7-25-28, then Overnight SOFR + 1.740%), 07/25/2029	667,000	671,368
6.303%, (6.303% to 10-23-28, then Overnight SOFR + 1.790%), 10/23/2029	1,007,000	1,043,738
6.491%, (6.491% to 10-23-33, then Overnight SOFR + 2.060%), 10/23/2034	2,670,000	2,839,570
		113,988,714
Health care – 2.3%		
AbbVie, Inc.		
3.200%, 11/21/2029	2,473,000	2,262,623
4.050%, 11/21/2039	712,000	624,234
4.250%, 11/21/2049	732,000	627,984
4.500%, 05/14/2035	1,455,000	1,386,111
4.550%, 03/15/2035	1,677,000	1,606,667
4.800%, 03/15/2027 to 03/15/2029	3,320,000	3,307,635
4.950%, 03/15/2031	996,000	996,200
5.050%, 03/15/2034	1,660,000	1,668,263
5.400%, 03/15/2054	996,000	1,011,062
Amgen, Inc.		
5.650%, 03/02/2053	2,339,000	2,338,027
Bristol-Myers Squibb Company		
5.550%, 02/22/2054	996,000	1,007,808
5.650%, 02/22/2064	994,000	1,003,097
CommonSpirit Health		
3.347%, 10/01/2029	868,000	789,264
CVS Health Corp.		
5.050%, 03/25/2048	791,000	705,551
5.875%, 06/01/2053	463,000	461,481
DH Europe Finance II Sarl		
2.200%, 11/15/2024	1,648,000	1,610,781
Eli Lilly & Company		
4.500%, 02/09/2027 to 02/09/2029	4,946,000	4,922,520
4.700%, 02/09/2034	1,978,000	1,952,532
5.000%, 02/09/2054	989,000	974,224
5.100%, 02/09/2064	659,000	647,563
HCA, Inc.		
3.625%, 03/15/2032	518,000	453,312
4.625%, 03/15/2052	642,000	525,646
5.250%, 06/15/2049	479,000	431,316
5.900%, 06/01/2053	2,224,000	2,184,465
Pfizer Investment Enterprises Pte, Ltd.		
4.750%, 05/19/2033	1,940,000	1,889,198

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Pfizer Investment Enterprises Pte, Ltd. (continued)		
5.300%, 05/19/2053	\$ 2,067,000	\$ 2,021,933
5.340%, 05/19/2063	1,342,000	1,292,686
UnitedHealth Group, Inc.		
3.050%, 05/15/2041	315,000	234,038
5.875%, 02/15/2053	1,926,000	2,060,474
		40,996,695
Industrials – 2.1%		
Adani International Container Terminal Private, Ltd.		
3.000%, 02/16/2031 (D)	443,750	380,226
Burlington Northern Santa Fe LLC		
4.450%, 01/15/2053	268,000	235,670
5.200%, 04/15/2054	696,000	682,704
Carrier Global Corp.		
5.900%, 03/15/2034	1,324,000	1,373,463
6.200%, 03/15/2054	464,000	506,451
Caterpillar Financial Services Corp.		
4.500%, 01/08/2027	1,642,000	1,631,109
4.850%, 02/27/2029	1,992,000	1,994,288
Crowley Conro LLC		
4.181%, 08/15/2043	712,333	663,649
Delta Air Lines, Inc.		
4.750%, 10/20/2028 (D)	2,212,000	2,162,255
Honeywell International, Inc.		
5.000%, 03/01/2035	2,060,000	2,053,865
5.250%, 03/01/2054	687,000	685,603
5.350%, 03/01/2064	687,000	686,143
John Deere Capital Corp.		
4.150%, 09/15/2027	1,323,000	1,297,390
4.500%, 01/08/2027 to 01/16/2029	4,596,000	4,543,259
4.950%, 07/14/2028	533,000	535,987
5.150%, 09/08/2026	2,330,000	2,345,632
Lockheed Martin Corp.		
4.800%, 08/15/2034	1,364,000	1,333,769
5.200%, 02/15/2064	953,000	930,694
Northrop Grumman Corp.		
4.400%, 05/01/2030	771,000	742,755
5.200%, 06/01/2054	170,000	163,064
Quanta Services, Inc.		
0.950%, 10/01/2024	1,197,000	1,163,160
RTX Corp.		
6.100%, 03/15/2034	1,709,000	1,804,413
6.400%, 03/15/2054	1,367,000	1,513,270
The Boeing Company		
3.250%, 02/01/2035	738,000	593,330
3.625%, 02/01/2031	2,017,000	1,806,424
3.750%, 02/01/2050	1,316,000	934,306
5.805%, 05/01/2050	1,638,000	1,578,836
Union Pacific Corp.		
2.375%, 05/20/2031	638,000	539,065
2.800%, 02/14/2032	866,000	743,281
Veralto Corp.		
5.500%, 09/18/2026 (D)	624,000	626,681
Waste Management, Inc.		
4.875%, 02/15/2034	1,310,000	1,283,515
		37,534,257
Information technology – 2.5%		
Apple, Inc.		
2.375%, 02/08/2041	488,000	343,265
2.650%, 05/11/2050 to 02/08/2051	943,000	611,488
3.950%, 08/08/2052	942,000	784,335
4.850%, 05/10/2053 (E)	341,000	333,333

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Broadcom, Inc.		
2.450%, 02/15/2031 (D)	\$ 1,050,000	\$ 877,183
3.150%, 11/15/2025	787,000	759,303
3.469%, 04/15/2034 (D)	674,000	569,233
4.926%, 05/15/2037 (D)	959,000	893,484
Cisco Systems, Inc.		
4.800%, 02/26/2027	1,992,000	1,993,657
4.850%, 02/26/2029	1,992,000	1,995,076
4.950%, 02/26/2031	1,328,000	1,328,658
5.050%, 02/26/2034	2,324,000	2,339,342
5.300%, 02/26/2054	996,000	1,008,105
Intel Corp.		
2.800%, 08/12/2041	577,000	409,899
5.000%, 02/21/2031	995,000	988,675
5.150%, 02/21/2034	2,653,000	2,625,857
5.600%, 02/21/2054	1,327,000	1,326,232
5.625%, 02/10/2043	385,000	391,040
5.700%, 02/10/2053	1,334,000	1,352,260
5.900%, 02/10/2063	936,000	975,048
Intuit, Inc.		
5.125%, 09/15/2028	1,314,000	1,330,719
5.200%, 09/15/2033	1,314,000	1,327,604
5.250%, 09/15/2026	1,644,000	1,657,898
5.500%, 09/15/2053	1,334,000	1,371,982
KLA Corp.		
3.300%, 03/01/2050	550,000	397,358
4.700%, 02/01/2034	1,322,000	1,287,201
Marvell Technology, Inc.		
5.750%, 02/15/2029	999,000	1,017,789
5.950%, 09/15/2033	999,000	1,031,859
Micron Technology, Inc.		
5.375%, 04/15/2028	3,362,000	3,379,940
5.875%, 02/09/2033	395,000	403,517
Oracle Corp.		
4.000%, 07/15/2046	1,166,000	896,770
Qualcomm, Inc.		
6.000%, 05/20/2053	1,513,000	1,657,310
Texas Instruments, Inc.		
4.600%, 02/08/2029	1,318,000	1,310,626
4.850%, 02/08/2034	1,648,000	1,637,143
5.000%, 03/14/2053	1,471,000	1,429,230
5.150%, 02/08/2054	659,000	652,780
VMware LLC		
1.000%, 08/15/2024	2,087,000	2,042,025
1.400%, 08/15/2026	919,000	835,398
		45,572,622
Materials – 0.5%		
Air Products and Chemicals, Inc.		
4.850%, 02/08/2034	1,649,000	1,616,789
Anglo American Capital PLC		
4.750%, 03/16/2052 (D)	1,943,000	1,631,178
Celanese US Holdings LLC		
6.379%, 07/15/2032	661,000	677,244
6.550%, 11/15/2030	1,038,000	1,079,189
6.700%, 11/15/2033	670,000	703,825
Glencore Finance Canada, Ltd.		
5.550%, 10/25/2042 (D)	301,000	284,815
6.000%, 11/15/2041 (D)	245,000	243,559
The Dow Chemical Company		
5.150%, 02/15/2034	1,327,000	1,307,669
5.600%, 02/15/2054	989,000	966,395
		8,510,663
Real estate – 1.7%		
Agree LP		
2.000%, 06/15/2028	1,256,000	1,091,639

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate (continued)		
Agree LP (continued)		
2.600%, 06/15/2033	\$ 286,000	\$ 221,556
4.800%, 10/01/2032	630,000	588,614
American Homes 4 Rent LP		
3.625%, 04/15/2032	1,156,000	1,008,655
4.300%, 04/15/2052	518,000	401,920
5.500%, 02/01/2034	661,000	648,233
American Tower Corp.		
2.950%, 01/15/2051	335,000	212,618
3.125%, 01/15/2027	567,000	534,854
5.500%, 03/15/2028	1,338,000	1,343,506
5.900%, 11/15/2033	2,000,000	2,051,164
Brixmor Operating Partnership LP		
2.500%, 08/16/2031	1,106,000	900,612
CBRE Services, Inc.		
5.500%, 04/01/2029	664,000	664,476
Crown Castle, Inc.		
1.050%, 07/15/2026	1,140,000	1,030,683
2.100%, 04/01/2031	1,122,000	900,761
2.900%, 04/01/2041	669,000	464,010
5.000%, 01/11/2028	1,924,000	1,894,855
5.100%, 05/01/2033	970,000	937,556
5.800%, 03/01/2034	2,050,000	2,077,632
Essex Portfolio LP		
2.550%, 06/15/2031	596,000	490,992
Invitation Homes Operating Partnership LP		
2.000%, 08/15/2031	199,000	155,438
4.150%, 04/15/2032	1,151,000	1,038,300
NNN REIT, Inc.		
5.600%, 10/15/2033	466,000	464,721
Realty Income Corp.		
2.100%, 03/15/2028	631,000	560,053
2.200%, 06/15/2028	619,000	549,425
2.850%, 12/15/2032	837,000	689,691
3.400%, 01/15/2030	675,000	611,881
4.900%, 07/15/2033	971,000	926,418
5.125%, 02/15/2034	1,389,000	1,343,866
5.625%, 10/13/2032	1,170,000	1,184,196
Regency Centers LP		
2.950%, 09/15/2029	1,584,000	1,402,136
5.250%, 01/15/2034	661,000	645,968
STORE Capital Corp.		
2.700%, 12/01/2031	402,000	312,982
2.750%, 11/18/2030	1,023,000	806,827
4.500%, 03/15/2028	664,000	621,439
4.625%, 03/15/2029	738,000	688,603
Sun Communities Operating LP		
4.200%, 04/15/2032	1,465,000	1,301,694
		30,767,974
Utilities – 2.3%		
American Transmission Systems, Inc.		
2.650%, 01/15/2032 (D)	417,000	342,434
Baltimore Gas & Electric Company		
2.250%, 06/15/2031	896,000	746,464
5.400%, 06/01/2053	1,004,000	984,789
CenterPoint Energy Houston Electric LLC		
3.600%, 03/01/2052	662,000	497,536
5.150%, 03/01/2034	799,000	797,522
5.200%, 10/01/2028	1,002,000	1,010,731
Consolidated Edison Company of New York, Inc.		
3.200%, 12/01/2051	198,000	134,465
5.200%, 03/01/2033	352,000	354,651
5.500%, 03/15/2034	1,968,000	2,009,861
5.900%, 11/15/2053	662,000	698,143

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
Consumers Energy Company		
2.500%, 05/01/2060	\$ 545,000	\$ 301,043
4.600%, 05/30/2029	1,458,000	1,433,122
DTE Electric Company		
2.950%, 03/01/2050	1,046,000	695,453
3.650%, 03/01/2052	479,000	359,779
5.200%, 03/01/2034	1,328,000	1,321,375
Duke Energy Carolinas LLC		
2.550%, 04/15/2031	398,000	341,018
2.850%, 03/15/2032	1,113,000	945,698
3.550%, 03/15/2052	810,000	583,033
4.950%, 01/15/2033	665,000	655,500
5.350%, 01/15/2053	1,343,000	1,314,492
5.400%, 01/15/2054	655,000	638,171
Duke Energy Corp.		
3.500%, 06/15/2051	185,000	128,075
Duke Energy Florida LLC		
2.400%, 12/15/2031	893,000	737,786
Duke Energy Progress LLC		
2.500%, 08/15/2050	904,000	539,531
5.250%, 03/15/2033	667,000	665,841
Entergy Arkansas LLC		
2.650%, 06/15/2051	807,000	484,886
5.150%, 01/15/2033	1,344,000	1,345,894
Israel Electric Corp., Ltd.		
3.750%, 02/22/2032 (D)	490,000	407,383
Jersey Central Power & Light Company		
2.750%, 03/01/2032 (D)	984,000	813,428
Metropolitan Edison Company		
4.300%, 01/15/2029 (D)	1,053,000	1,011,920
5.200%, 04/01/2028 (D)	1,008,000	1,005,949
MidAmerican Energy Company		
2.700%, 08/01/2052	776,000	477,305
5.300%, 02/01/2055	628,000	610,522
Mississippi Power Company		
3.100%, 07/30/2051	1,074,000	698,634
4.250%, 03/15/2042	456,000	379,589
Northern States Power Company		
5.400%, 03/15/2054	1,063,000	1,051,709
NSTAR Electric Company		
3.100%, 06/01/2051	221,000	147,607
Pacific Gas & Electric Company		
3.500%, 08/01/2050	331,000	222,829
3.950%, 12/01/2047	2,093,000	1,523,182
4.200%, 06/01/2041	520,000	408,764
4.750%, 02/15/2044	301,000	251,303
4.950%, 07/01/2050	2,864,000	2,431,048
5.800%, 05/15/2034	1,531,000	1,529,390
PECO Energy Company		
2.850%, 09/15/2051	1,080,000	693,357
Pennsylvania Electric Company		
3.250%, 03/15/2028 (D)	873,000	805,775
5.150%, 03/30/2026 (D)	672,000	665,806
Public Service Company of Oklahoma		
3.150%, 08/15/2051	606,000	405,807
Public Service Electric & Gas Company		
1.900%, 08/15/2031	1,539,000	1,238,981
2.050%, 08/01/2050	248,000	138,068
2.700%, 05/01/2050	419,000	269,081
5.450%, 03/01/2054	666,000	666,428
Public Service Enterprise Group, Inc.		
5.875%, 10/15/2028	1,342,000	1,377,512
6.125%, 10/15/2033	805,000	838,953
Southern California Edison Company		
4.125%, 03/01/2048	675,000	539,844

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
Virginia Electric & Power Company		
2.950%, 11/15/2051	\$ 896,000	\$ 574,688
5.000%, 01/15/2034	743,000	722,251
		41,974,406
TOTAL CORPORATE BONDS (Cost \$436,820,311)		\$ 428,941,032
MUNICIPAL BONDS – 0.2%		
Board of Regents of the University of Texas System		
2.439%, 08/15/2049	600,000	381,082
County of Clark Department of Aviation (Nevada)		
6.820%, 07/01/2045	1,115,000	1,305,105
North Texas Tollway Authority		
6.718%, 01/01/2049	459,000	537,211
Ohio State University		
4.800%, 06/01/2111	600,000	546,919
Port Authority of New York & New Jersey		
4.458%, 10/01/2062	1,010,000	899,588
TOTAL MUNICIPAL BONDS (Cost \$4,182,701)		\$ 3,669,905
COLLATERALIZED MORTGAGE OBLIGATIONS – 14.7%		
Commercial and residential – 1.8%		
Angel Oak Mortgage Trust LLC		
Series 2020-2, Class A1A, 2.531%, 01/26/2065 (D)(F)	202,879	187,218
Series 2020-5, Class A1, 1.373%, 05/25/2065 (D)(F)	185,542	171,417
Series 2021-6, Class A1, 1.458%, 09/25/2066 (D)(F)	787,336	640,556
BBCMS Mortgage Trust		
Series 2018-C2, Class ASB 4.236%, 12/15/2051	331,726	323,392
Bunker Hill Loan Depository Trust		
Series 2019-2, Class A1 2.879%, 07/25/2049 (D)	582,075	546,958
BX Commercial Mortgage Trust		
Series 2021-VOLT, Class A (1 month CME Term SOFR + 0.814%), 6.132%, 09/15/2036 (A)(D)	3,519,000	3,479,215
Series 2021-XL2, Class A (1 month CME Term SOFR + 0.803%), 6.121%, 10/15/2038 (A)(D)	1,366,814	1,353,146
CFCRE Commercial Mortgage Trust		
Series 2017-C8, Class ASB 3.367%, 06/15/2050	330,540	321,721
COLT Mortgage Loan Trust		
Series 2021-2, Class A1, 0.924%, 08/25/2066 (D)(F)	1,066,050	839,820
Series 2021-4, Class A1, 1.397%, 10/25/2066 (D)(F)	1,112,592	882,209
Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG)		
Series 2014-UBS4, Class A4, 3.420%, 08/10/2047	1,204,433	1,194,686
Series 2015-LC23, Class A3, 3.521%, 10/10/2048	622,767	608,194
EQUUS Mortgage Trust		
Series 2021-EQAZ, Class A (1 month CME Term SOFR + 0.869%) 6.187%, 10/15/2038 (A)(D)	1,387,972	1,375,827
GS Mortgage Securities Trust		
Series 2015-GC32, Class A3, 3.498%, 07/10/2048	597,789	581,461

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
GS Mortgage Securities Trust (continued)		
Series 2020-GSA2, Class A4, 1.721%, 12/12/2053	\$ 1,786,000	\$ 1,417,744
Impact Funding Affordable Multifamily Housing Mortgage Loan Trust		
Series 2010-1, Class A1 5.314%, 01/25/2051 (D)	661,550	651,227
JPMBB Commercial Mortgage Securities Trust		
Series 2014-C23, Class A4, 3.670%, 09/15/2047	440,973	437,231
Series 2015-C28, Class A3, 2.912%, 10/15/2048	1,730,365	1,693,118
Series 2015-C30, Class A5, 3.822%, 07/15/2048	981,000	938,641
JPMorgan Chase Commercial Mortgage Securities Trust		
Series 2016-JP4, Class A3 3.393%, 12/15/2049	346,000	329,953
Med Trust		
Series 2021-MDLN, Class A (1 month CME Term SOFR + 1.064%) 6.382%, 11/15/2038 (A)(D)	2,225,320	2,208,630
MFA Trust		
Series 2021-NQM2, Class A1 1.029%, 11/25/2064 (D)(F)	428,082	361,435
Morgan Stanley Capital I Trust		
Series 2020-HR8, Class A3 1.790%, 07/15/2053	982,000	805,081
New Residential Mortgage Loan Trust		
Series 2019-NQM4, Class A1 2.492%, 09/25/2059 (D)(F)	322,509	296,741
NewRez Warehouse Securitization Trust		
Series 2021-1, Class A (1 month CME Term SOFR + 0.864%) 6.185%, 05/25/2055 (A)(D)	1,316,467	1,316,074
Starwood Mortgage Residential Trust		
Series 2020-1, Class A1, 2.275%, 02/25/2050 (D)(F)	117,963	109,961
Series 2020-3, Class A1, 1.486%, 04/25/2065 (D)(F)	469,107	434,942
Series 2020-INV1, Class A1, 1.027%, 11/25/2055 (D)(F)	435,321	398,439
Series 2021-1, Class A1, 1.219%, 05/25/2065 (D)(F)	606,182	526,028
Series 2021-4, Class A1, 1.162%, 08/25/2056 (D)(F)	1,012,978	836,691
Verus Securitization Trust		
Series 2019-INV3, Class A1, 3.692%, 11/25/2059 (D)(F)	409,823	395,008
Series 2020-2, Class A1, 2.226%, 05/25/2060 (D)(F)	148,054	145,824
Series 2021-1, Class A1, 0.815%, 01/25/2066 (D)(F)	753,891	652,147
Series 2021-3, Class A1, 1.046%, 06/25/2066 (D)(F)	737,418	610,543
Series 2021-4, Class A1, 0.938%, 07/25/2066 (D)(F)	920,472	725,371
Series 2021-5, Class A1, 1.013%, 09/25/2066 (D)(F)	2,337,833	1,943,019
Series 2021-7, Class A1, 1.829%, 10/25/2066 (D)(F)	939,977	802,515
Series 2021-8, Class A1, 1.824%, 11/25/2066 (D)(F)	999,816	853,143

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Verus Securitization Trust (continued)		
Series 2021-R1, Class A1, 0.820%, 10/25/2063 (D)(F)	\$ 606,199	\$ 545,890
Series 2021-R3, Class A1, 1.020%, 04/25/2064 (D)(F)	430,249	379,964
Visio Trust		
Series 2020-1R, Class A1 1.312%, 11/25/2055 (D)	463,322	427,595
		32,748,775
U.S. Government Agency – 12.9%		
Federal Home Loan Mortgage Corp.		
Series 264, Class 30, 3.000%, 07/15/2042	1,515,288	1,364,262
Series 271, Class F5 (30 day Average SOFR + 0.614%), 5.939%, 08/15/2042 (A)	574,494	560,382
Series 272, Class F1 (30 day Average SOFR + 0.614%), 5.939%, 08/15/2042 (A)	906,432	884,333
Series 280, Class F1 (30 day Average SOFR + 0.614%), 5.939%, 09/15/2042 (A)	913,656	891,178
Series 4047, Class CX, 3.500%, 05/15/2042	1,877,000	1,677,614
Series 4091, Class BX, 3.250%, 10/15/2041	967,992	881,624
Series 4091, Class EX, 3.375%, 07/15/2042	630,829	575,303
Series 4091, Class MX, 3.250%, 02/15/2042	784,633	710,790
Series 4117, Class HB, 2.500%, 10/15/2042	646,000	548,038
Series 4122, Class FP (30 day Average SOFR + 0.514%), 5.839%, 10/15/2042 (A)	680,773	663,261
Series 4205, Class PA, 1.750%, 05/15/2043	779,481	649,196
Series 4240, Class FA (30 day Average SOFR + 0.614%), 5.939%, 08/15/2043 (A)	1,671,138	1,627,632
Series 4248, Class FT (30 day Average SOFR + 0.614%), 5.939%, 09/15/2043 (A)	608,058	594,405
Series 4286, Class VF (30 day Average SOFR + 0.564%), 5.889%, 12/15/2043 (A)	1,358,532	1,324,713
Series 4446, Class CP, 2.250%, 03/15/2045	788,645	678,491
Series 4582, Class HA, 3.000%, 09/15/2045	3,173,056	2,912,186
Series 4614, Class FG (30 day Average SOFR + 0.614%), 5.939%, 09/15/2046 (A)	732,908	711,584
Series 4628, Class KF (30 day Average SOFR + 0.614%), 5.939%, 01/15/2055 (A)	910,441	878,849
Series 4631, Class FA (30 day Average SOFR + 0.614%), 5.939%, 11/15/2046 (A)	1,159,794	1,127,246
Series 4719, Class LA, 3.500%, 09/15/2047	903,931	814,248
Series 4719, Class LM, 3.000%, 09/15/2047	670,090	585,314

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal Home Loan		
Mortgage Corp. (continued)		
Series 4742, Class PA, 3.000%, 10/15/2047	\$ 1,052,510	\$ 935,810
Series 4753, Class BD, 3.000%, 01/15/2048	675,000	578,851
Series 4793, Class FD (30 day Average SOFR + 0.414%), 5.739%, 06/15/2048 (A)	255,575	245,441
Series 4826, Class KF (30 day Average SOFR + 0.414%), 5.739%, 09/15/2048 (A)	542,258	523,382
Series 4857, Class JA, 3.350%, 01/15/2049	2,866,751	2,678,740
Series 4880, Class DA, 3.000%, 05/15/2050	1,587,010	1,419,169
Series 4903, Class NF (30 day Average SOFR + 0.514%), 5.836%, 08/25/2049 (A)	562,489	546,504
Series 4927, Class BG, 3.000%, 11/25/2049	1,238,957	1,112,906
Series 4937, Class MD, 2.500%, 10/25/2049	1,244,129	1,075,396
Series 4940, Class AG, 3.000%, 05/15/2040	801,108	738,864
Series 4941, Class GA, 2.000%, 12/15/2047	706,884	580,697
Series 4957, Class MY, 3.000%, 02/25/2050	712,000	575,828
Series 4979, Class UC, 1.500%, 06/25/2050	2,283,810	1,813,265
Series 4990, Class FN (30 day Average SOFR + 0.464%), 5.786%, 05/25/2050 (A)	1,534,510	1,476,018
Series 4993, Class KF (30 day Average SOFR + 0.564%), 5.886%, 07/25/2050 (A)	4,745,129	4,581,919
Series 5004, Class FM (30 day Average SOFR + 0.464%), 5.786%, 08/25/2050 (A)	1,004,382	963,100
Series 5020, Class ET, 3.500%, 10/25/2050	1,027,912	917,447
Series 5058, Class BC, 5.000%, 11/25/2050	723,673	707,309
Series 5091, Class AB, 1.500%, 03/25/2051	2,217,595	1,759,589
Series 5092, Class HE, 2.000%, 02/25/2051	1,205,187	992,992
Series 5116, Class PB, 2.250%, 02/25/2051	1,283,297	1,094,163
Series 5118, Class CA, 1.500%, 10/15/2033	1,095,000	953,928
Series 5119, Class AB, 1.500%, 08/25/2049	556,808	434,731
Series 5119, Class QF (30 day Average SOFR + 0.200%), 5.522%, 06/25/2051 (A)	1,438,090	1,353,164
Series 5143, Class GA, 2.000%, 06/25/2049	721,054	581,616
Series 5156, Class DC, 2.000%, 09/25/2051	1,368,124	1,153,636
Series 5159, Class UA, 2.500%, 12/25/2048	1,362,977	1,179,090

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (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 Home Loan		
Mortgage Corp. (continued)		
Series 5178, Class TP, 2.500%, 04/25/2049	\$ 1,419,619	\$ 1,213,024
Series 5182, Class D, 2.500%, 11/25/2043	5,272,506	4,758,886
Series 5182, Class M, 2.500%, 05/25/2049	849,979	731,709
Series 5184, Class AB, 2.500%, 05/25/2048	764,945	667,287
Series 5194, Class G, 2.500%, 01/25/2051	1,556,200	1,293,216
Series 5201, Class CA, 2.500%, 07/25/2048	1,235,968	1,089,199
Series 5202, Class BH, 2.000%, 12/25/2047	791,369	700,280
Series 5202, Class LA, 2.500%, 05/25/2049	1,315,312	1,130,338
Series 5202, Class MB, 3.000%, 11/25/2048	1,932,905	1,724,176
Series 5202, Class TA, 2.500%, 12/25/2048	2,290,317	2,041,161
Series 5203, Class G, 2.500%, 11/25/2048	582,477	504,527
Series 5206, Class CA, 3.000%, 02/25/2047	872,375	778,023
Series 5206, Class CD, 3.500%, 05/25/2049	1,541,623	1,401,346
Series 5207, Class PA, 3.000%, 06/25/2051	1,663,696	1,464,155
Series 5209, Class EA, 3.000%, 08/25/2050	1,244,771	1,112,820
Series 5209, Class EJ, 3.000%, 08/25/2050	1,244,771	1,112,820
Series 5210, Class DC, 3.000%, 09/25/2051	1,159,819	1,056,042
Series 5220, Class QK, 3.500%, 09/25/2050	2,440,389	2,274,545
Series 5228, Class TN, 3.500%, 07/25/2039	820,604	769,200
Series 5300, Class C, 2.000%, 09/25/2047	1,923,975	1,739,125
Series 5335, Class FB (30 day Average SOFR + 0.814%), 6.139%, 10/15/2039 (A)	2,097,960	2,100,193
Series 5338, Class FH (30 day Average SOFR + 0.414%), 5.739%, 04/15/2045 (A)	2,016,537	1,951,293
Federal National Mortgage Association		
Series 1998-61, Class PL, 6.000%, 11/25/2028	82,278	82,352
Series 2012-111, Class FC (30 day Average SOFR + 0.514%), 5.836%, 10/25/2042 (A)	792,201	773,736
Series 2012-133, Class JF (30 day Average SOFR + 0.464%), 5.786%, 12/25/2042 (A)	761,735	738,764
Series 2012-151, Class NX, 1.500%, 01/25/2043	694,265	576,902
Series 2013-11, Class AP, 1.500%, 01/25/2043	2,585,675	2,296,932
Series 2013-15, Class FA (30 day Average SOFR + 0.464%), 5.786%, 03/25/2043 (A)	909,210	881,573

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National		
Mortgage Association (continued)		
Series 2013-43, Class BP, 1.750%, 05/25/2043	\$ 966,998	\$ 808,569
Series 2014-17, Class DY, 3.500%, 04/25/2044	1,170,000	1,037,664
Series 2014-25, Class EL, 3.000%, 05/25/2044	861,064	773,472
Series 2014-74, Class PC, 2.500%, 06/25/2044	713,037	650,594
Series 2015-20, Class EF (30 day Average SOFR + 0.464%), 5.786%, 04/25/2045 (A)	2,140,279	2,070,586
Series 2015-26, Class GF (30 day Average SOFR + 0.414%), 5.736%, 05/25/2045 (A)	1,330,230	1,287,917
Series 2015-32, Class FA (30 day Average SOFR + 0.414%), 5.736%, 05/25/2045 (A)	821,235	792,175
Series 2015-48, Class FB (30 day Average SOFR + 0.414%), 5.736%, 07/25/2045 (A)	998,726	964,127
Series 2015-8, Class AP, 2.000%, 03/25/2045	1,615,919	1,403,277
Series 2015-84, Class PA, 1.700%, 08/25/2033	2,820,428	2,551,644
Series 2016-19, Class FD (30 day Average SOFR + 0.514%), 5.836%, 04/25/2046 (A)	3,138,696	3,087,635
Series 2016-48, Class MA, 2.000%, 06/25/2038	2,709,199	2,428,213
Series 2016-57, Class PC, 1.750%, 06/25/2046	5,589,877	4,633,064
Series 2017-13, Class PA, 3.000%, 08/25/2046	717,256	650,675
Series 2017-30, Class FA (30 day Average SOFR + 0.464%), 5.786%, 05/25/2047 (A)	534,721	518,045
Series 2017-78, Class FC (30 day Average SOFR + 0.464%), 5.786%, 10/25/2047 (A)	1,001,627	968,561
Series 2018-14, Class KC, 3.000%, 03/25/2048	1,071,845	991,097
Series 2018-38, Class MA, 3.300%, 06/25/2048	1,407,459	1,308,256
Series 2018-45, Class TM, 3.000%, 06/25/2048	1,060,478	935,754
Series 2018-55, Class GA, 3.375%, 08/25/2048	1,040,336	966,154
Series 2018-64, Class A, 3.000%, 09/25/2048	932,613	804,120
Series 2018-8, Class KL, 2.500%, 03/25/2047	732,624	637,547
Series 2018-85, Class EA, 3.500%, 12/25/2048	715,009	666,930
Series 2019-15, Class FA (30 day Average SOFR + 0.614%), 5.936%, 04/25/2049 (A)	512,208	498,304
Series 2019-25, Class PA, 3.000%, 05/25/2048	2,049,017	1,846,944
Series 2019-41, Class FG (30 day Average SOFR + 0.614%), 5.936%, 08/25/2059 (A)	1,317,041	1,276,261

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National		
Mortgage Association (continued)		
Series 2019-43, Class FC (30 day Average SOFR + 0.514%), 5.836%, 08/25/2049 (A)	\$ 1,003,032	\$ 973,281
Series 2019-67, Class FB (30 day Average SOFR + 0.564%), 5.886%, 11/25/2049 (A)	513,576	498,438
Series 2019-8, Class GA, 3.000%, 03/25/2049	3,016,540	2,653,843
Series 2020-12, Class FL (30 day Average SOFR + 0.564%), 5.886%, 03/25/2050 (A)	966,189	927,596
Series 2020-34, Class F (30 day Average SOFR + 0.564%), 5.886%, 06/25/2050 (A)	702,779	680,270
Series 2020-37, Class DA, 1.500%, 06/25/2050	565,616	485,289
Series 2020-45, Class JL, 3.000%, 07/25/2040	2,137,876	1,930,112
Series 2020-48, Class AB, 2.000%, 07/25/2050	1,092,783	888,652
Series 2020-48, Class DA, 2.000%, 07/25/2050	3,321,981	2,739,644
Series 2020-59, Class NC, 3.000%, 08/25/2040	1,169,740	1,056,726
Series 2021-22, Class MN, 2.750%, 10/25/2050	1,305,943	1,118,460
Series 2021-26, Class BD, 1.750%, 05/25/2051	700,674	602,566
Series 2021-27, Class EC, 1.500%, 05/25/2051	3,961,822	3,140,606
Series 2021-33, Class AV, 2.500%, 03/25/2048	516,631	378,494
Series 2021-42, Class AC, 2.000%, 02/25/2051	1,040,391	873,511
Series 2021-42, Class DC, 2.000%, 11/25/2050	2,448,815	2,032,164
Series 2021-73, Class A, 2.500%, 11/25/2049	1,369,256	1,162,882
Series 2021-73, Class DJ, 2.000%, 03/25/2049	1,375,570	1,135,171
Series 2021-76, Class KB, 1.250%, 11/25/2051	610,681	491,172
Series 2021-78, Class ND, 1.500%, 11/25/2051	1,559,254	1,245,725
Series 2021-78, Class PA, 2.500%, 11/25/2051	986,069	840,388
Series 2021-86, Class MA, 2.500%, 11/25/2047	2,227,575	1,944,268
Series 2021-91, Class AB, 2.500%, 09/25/2049	1,321,395	1,127,806
Series 2021-95, Class MA, 2.500%, 04/25/2050	1,607,338	1,356,199
Series 2021-96, Class AH, 2.500%, 03/25/2049	1,414,092	1,203,945
Series 2022-11, Class D, 3.000%, 01/25/2050	1,410,913	1,257,529
Series 2022-18, Class DL, 3.250%, 07/25/2046	1,825,362	1,664,707
Series 2022-28, Class CA, 2.000%, 01/25/2048	1,062,813	950,336
Series 2022-3, Class N, 2.000%, 10/25/2047	1,752,294	1,505,804

Core Bond Fund (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National		
Mortgage Association (continued)		
Series 2022-4, Class MH, 3.000%, 09/25/2048	\$ 1,462,133	\$ 1,316,808
Series 2022-49, Class NQ, 3.000%, 02/25/2052	664,000	572,910
Series 2022-89, Class AY, 3.000%, 02/25/2048	1,381,000	1,137,843
Series 2022-9, Class DJ, 3.250%, 03/25/2049	1,011,068	919,544
Series 2023-14, Class EJ, 2.750%, 04/25/2049	1,263,637	1,146,422
Series 2023-37, Class FG (30 day Average SOFR + 0.414%), 5.736%, 08/25/2050 (A)	3,515,538	3,388,936
Series 2023-37, Class FH (30 day Average SOFR + 0.514%), 5.836%, 01/25/2050 (A)	2,227,555	2,164,467
Series 2023-38, Class FC (30 day Average SOFR + 0.664%), 5.986%, 06/25/2040 (A)	1,436,196	1,421,076
Series 414, Class A35, 3.500%, 10/25/2042	809,430	739,923
Government National		
Mortgage Association		
Series 2010-163, Class NC, 4.000%, 12/20/2040	1,108,430	1,073,811
Series 2013-152, Class HA, 2.500%, 06/20/2043	1,221,296	1,095,229
Series 2014-181, Class L, 3.000%, 12/20/2044	774,000	679,616
Series 2015-144, Class CA, 2.500%, 10/20/2045	1,276,731	1,095,479
Series 2015-161, Class GF (1 month CME Term SOFR + 0.414%), 5.734%, 11/20/2045 (A)	694,495	671,818
Series 2016-93, Class AB, 1.750%, 07/20/2044	1,406,115	1,105,559
Series 2017-139, Class GA, 3.000%, 09/20/2047	2,824,478	2,515,694
Series 2017-167, Class BQ, 2.500%, 08/20/2044	704,009	636,507
Series 2018-65, Class DC, 3.500%, 05/20/2048	948,000	841,253
Series 2020-133, Class GA, 1.000%, 09/20/2050	1,474,337	1,228,051
Series 2020-138, Class LE, 1.500%, 09/20/2050	3,290,760	2,573,769
Series 2021-215, Class GA, 2.000%, 12/20/2051	762,871	644,336
Series 2021-227, Class E, 2.500%, 07/20/2050	5,250,131	4,482,884
Series 2021-27, Class BD, 5.000%, 02/20/2051	849,922	827,927
Series 2021-27, Class CW, 5.001%, 02/20/2051 (F)	1,229,596	1,180,996
Series 2021-27, Class NT, 5.000%, 02/20/2051	977,346	922,315
Series 2021-27, Class Q, 5.000%, 02/20/2051	856,789	811,039
Series 2021-8, Class CY, 5.000%, 01/20/2051	878,354	862,057
Series 2022-107, Class C, 2.500%, 06/20/2051	3,664,188	2,984,428

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (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)		
Government National Mortgage Association (continued)		
Series 2022-153, Class KA, 4.000%, 12/20/2049	\$ 1,247,666	\$ 1,192,909
Series 2022-191, Class B, 4.000%, 06/20/2041	5,488,000	5,031,378
Series 2022-191, Class BY, 4.000%, 08/20/2041	6,020,000	5,525,189
Series 2022-197, Class LF (30 day Average SOFR + 0.700%), 6.024%, 11/20/2052 (A)	3,808,023	3,764,558
Series 2022-205, Class A, 2.000%, 09/20/2051	1,476,857	1,157,569
Series 2022-31, Class GH, 2.500%, 12/20/2049	2,710,949	2,355,894
Series 2022-34, Class DN, 3.500%, 09/20/2041	2,324,167	2,132,577
Series 2022-5, Class BA, 2.000%, 10/20/2049	5,606,582	4,711,281
Series 2022-50, Class CA, 3.000%, 03/20/2052	4,040,616	3,532,394
Series 2022-66, Class CG, 3.500%, 04/20/2052	2,643,761	2,457,799
Series 2022-84, Class A, 2.500%, 01/20/2052	1,088,992	896,307
		231,819,549
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$274,927,532)		\$ 264,568,324
ASSET BACKED SECURITIES – 7.5%		
Ally Auto Receivables Trust		
Series 2022-3, Class A4 5.070%, 06/15/2031	666,000	663,935
American Express Credit Account Master Trust		
Series 2023-1, Class A 4.870%, 05/15/2028	971,000	969,410
AmeriCredit Automobile Receivables Trust		
Series 2022-2, Class A3 4.380%, 04/18/2028	1,232,000	1,220,447
Series 2023-1, Class A3 5.620%, 11/18/2027	684,000	688,720
Series 2023-2, Class A3 5.810%, 05/18/2028	1,355,000	1,362,156
BA Credit Card Trust		
Series 2023-A2, Class A2 4.980%, 11/15/2028	5,537,000	5,551,963
BMW Vehicle Lease Trust		
Series 2023-1, Class A4 5.070%, 06/25/2026	960,000	956,216
Capital One Prime Auto Receivables Trust		
Series 2023-1, Class A3 4.870%, 02/15/2028	2,384,000	2,369,085
Chase Auto Owner Trust		
Series 2022-AA, Class A4 3.990%, 03/27/2028 (D)	814,000	793,420
Chase Issuance Trust		
Series 2024-A2, Class A 4.630%, 01/15/2031	2,593,000	2,580,187
College Ave Student Loans LLC		
Series 2017-A, Class A1 (1 month CME Term SOFR + 1.764%) 7.085%, 11/26/2046 (A)(D)	379,111	382,256

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
College Ave Student Loans LLC (continued)		
Series 2018-A, Class A2 4.130%, 12/26/2047 (D)	\$ 515,598	\$ 492,419
Series 2019-A, Class A2 3.280%, 12/28/2048 (D)	572,904	526,331
Discover Card Execution Note Trust		
Series 2023-A1, Class A 4.310%, 03/15/2028	1,964,000	1,938,449
Series 2023-A2, Class A 4.930%, 06/15/2028	5,801,000	5,798,309
Ford Credit Auto Lease Trust		
Series 2024-A, Class A3 5.060%, 05/15/2027	2,948,000	2,940,659
Series 2024-A, Class A4 5.050%, 06/15/2027	688,000	685,211
Ford Credit Auto Owner Trust		
Series 2022-1, Class A 3.880%, 11/15/2034 (D)	1,375,000	1,329,188
Series 2022-D, Class A4 5.300%, 03/15/2028	603,000	604,687
Series 2023-A, Class A3 4.650%, 02/15/2028	2,798,000	2,772,879
Series 2024-1, Class A 4.870%, 08/15/2036 (D)	2,612,000	2,597,111
GM Financial Automobile Leasing Trust		
Series 2023-2, Class A4 5.090%, 05/20/2027	897,000	894,053
Series 2023-3, Class A4 5.440%, 08/20/2027	610,000	611,902
GM Financial Consumer Automobile Receivables Trust		
Series 2022-4, Class A3 4.820%, 08/16/2027	1,082,000	1,075,780
Series 2024-1, Class A4 4.860%, 06/18/2029	681,000	678,870
Hyundai Auto Lease Securitization Trust		
Series 2023-B, Class A4 5.170%, 04/15/2027 (D)	1,433,000	1,427,094
Series 2023-C, Class A4 5.840%, 09/15/2027 (D)	1,011,000	1,021,941
Series 2024-A, Class A3 5.020%, 03/15/2027 (D)	1,802,000	1,793,724
Series 2024-A, Class A4 5.070%, 02/15/2028 (D)	685,000	681,856
Hyundai Auto Receivables Trust		
Series 2021-C, Class A4 1.030%, 12/15/2027	963,000	907,239
Series 2022-A, Class A3 2.220%, 10/15/2026	1,523,060	1,488,943
Series 2022-A, Class A4 2.350%, 04/17/2028	606,000	576,202
Series 2023-A, Class A4 4.480%, 07/17/2028	1,261,000	1,240,759
Series 2023-B, Class A3 5.480%, 04/17/2028	781,000	785,647
Mercedes-Benz Auto Receivables Trust		
Series 2022-1, Class A4 5.250%, 02/15/2029	1,392,000	1,395,583
Navient Private Education Loan Trust		
Series 2014-AA, Class A3 (1 month CME Term SOFR + 1.714%) 7.032%, 10/15/2031 (A)(D)	354,605	355,443
Series 2016-AA, Class A2B (1 month CME Term SOFR + 2.264%) 7.582%, 12/15/2045 (A)(D)	116,268	117,224

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (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		
Series 2018-DA, Class A2A 4.000%, 12/15/2059 (D)	\$ 555,471	\$ 535,934
Series 2019-CA, Class A2 3.130%, 02/15/2068 (D)	982,669	944,676
Series 2019-D, Class A2A 3.010%, 12/15/2059 (D)	1,571,473	1,481,058
Series 2019-FA, Class A2 2.600%, 08/15/2068 (D)	822,921	767,995
Series 2020-EA, Class A 1.690%, 05/15/2069 (D)	111,910	100,503
Series 2020-GA, Class A 1.170%, 09/16/2069 (D)	40,543	36,371
Series 2021-BA, Class A 0.940%, 07/15/2069 (D)	361,655	314,359
Series 2021-CA, Class A 1.060%, 10/15/2069 (D)	97,444	84,661
Series 2021-EA, Class A 0.970%, 12/16/2069 (D)	2,510,852	2,154,212
Series 2021-FA, Class A 1.110%, 02/18/2070 (D)	1,347,582	1,143,596
Series 2021-GA, Class A 1.580%, 04/15/2070 (D)	396,990	342,697
Series 2022-A, Class A 2.230%, 07/15/2070 (D)	3,403,119	2,983,969
Navient Student Loan Trust		
Series 2021-3A, Class A1A 1.770%, 08/25/2070 (D)	1,443,073	1,260,008
Nelnet Student Loan Trust		
Series 2004-3, Class A5 (90 day Average SOFR + 0.442%) 5.803%, 10/27/2036 (A)	114,875	113,124
Series 2004-4, Class A5 (90 day Average SOFR + 0.422%) 5.783%, 01/25/2037 (A)	1,002,049	992,480
Series 2005-1, Class A5 (90 day Average SOFR + 0.372%) 5.733%, 10/25/2033 (A)	2,128,250	2,093,525
Series 2005-2, Class A5 (90 day Average SOFR + 0.362%) 5.714%, 03/23/2037 (A)	2,347,656	2,314,359
Series 2005-3, Class A5 (90 day Average SOFR + 0.382%) 5.734%, 12/24/2035 (A)	1,689,935	1,668,277
Series 2005-4, Class A4 (90 day Average SOFR + 0.442%) 5.794%, 03/22/2032 (A)	285,430	272,878
Nissan Auto Lease Trust		
Series 2023-B, Class A4 5.610%, 11/15/2027	1,289,000	1,293,024
Series 2024-A, Class A4 4.970%, 09/15/2028	721,000	717,528
Nissan Auto Receivables Owner Trust		
Series 2022-B, Class A4 4.450%, 11/15/2029	820,000	805,739
PenFed Auto Receivables Owner Trust		
Series 2022-A, Class A3 3.960%, 04/15/2026 (D)	983,110	975,383
Series 2022-A, Class A4 4.180%, 12/15/2028 (D)	598,000	588,662
Santander Drive Auto Receivables Trust		
Series 2022-2, Class A3 2.980%, 10/15/2026	546,830	545,130
Series 2022-3, Class A3 3.400%, 12/15/2026	449,946	447,705
Series 2022-4, Class A3 4.140%, 02/16/2027	963,370	958,281

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Santander Drive Auto Receivables Trust (continued)		
Series 2022-5, Class A3 4.110%, 08/17/2026	\$ 586,778	\$ 584,828
Series 2022-6, Class A3 4.490%, 11/16/2026	1,764,991	1,758,264
Series 2022-7, Class A3 5.750%, 04/15/2027	685,000	685,236
Series 2024-1, Class A3 5.250%, 04/17/2028	1,254,000	1,253,440
SBNA Auto Lease Trust		
Series 2024-A, Class A3 5.390%, 11/20/2026 (D)	1,376,000	1,376,264
Series 2024-A, Class A4 5.240%, 01/22/2029 (D)	1,883,000	1,878,485
SFS Auto Receivables Securitization Trust		
Series 2024-1A, Class A3 4.950%, 05/21/2029 (D)	2,046,000	2,035,752
Series 2024-1A, Class A4 4.940%, 01/21/2031 (D)	347,000	344,797
SMB Private Education Loan Trust		
Series 2016-B, Class A2A 2.430%, 02/17/2032 (D)	47,990	46,950
Series 2020-B, Class A1A 1.290%, 07/15/2053 (D)	743,904	677,031
Series 2020-PTB, Class A2A 1.600%, 09/15/2054 (D)	3,183,386	2,887,485
Series 2021-A, Class APT1 1.070%, 01/15/2053 (D)	2,629,634	2,320,856
Series 2021-B, Class A 1.310%, 07/17/2051 (D)	654,161	592,743
Series 2021-E, Class A1A 1.680%, 02/15/2051 (D)	1,394,539	1,263,467
SoFi Professional Loan Program LLC		
Series 2017-D, Class A2FX 2.650%, 09/25/2040 (D)	151,303	145,560
Series 2020-C, Class AFX 1.950%, 02/15/2046 (D)	127,285	115,948
Series 2021-B, Class AFX 1.140%, 02/15/2047 (D)	1,058,359	898,161
Synchrony Card Funding LLC		
Series 2023-A1, Class A 5.540%, 07/15/2029	4,200,000	4,234,200
T-Mobile US Trust		
Series 2022-1A, Class A 4.910%, 05/22/2028 (D)	1,285,000	1,278,879
Series 2024-1A, Class A 5.050%, 09/20/2029 (D)	2,061,000	2,060,918
Toyota Auto Receivables Owner Trust		
Series 2022-D, Class A4 5.430%, 04/17/2028	757,000	764,696
Series 2023-B, Class A3 4.710%, 02/15/2028	1,672,000	1,658,665
Series 2023-C, Class A3 5.160%, 04/17/2028	2,819,000	2,822,271
Verizon Master Trust		
Series 2022-2, Class A 1.530%, 07/20/2028	1,023,000	988,518
Series 2022-4, Class A (3.400% to 6-20-25, then 4.150% thereafter) 3.400%, 11/20/2028	2,260,000	2,207,623
Series 2022-6, Class A (3.670% to 7-20-25, then 4.420% thereafter) 3.670%, 01/22/2029	1,676,000	1,640,343
Series 2023-1, Class A (4.490% to 1-20-26, then 5.240% thereafter) 4.490%, 01/22/2029	2,468,000	2,440,631

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Core Bond Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Verizon Master Trust (continued)		
Series 2023-2, Class A 4.890%, 04/13/2028	\$ 925,000	\$ 920,157
Series 2023-4, Class A1A 5.160%, 06/20/2029	4,573,000	4,583,606
Series 2024-1, Class A1A 5.000%, 12/20/2028	3,114,000	3,105,367
Series 2024-2, Class A 4.830%, 12/22/2031 (D)	1,495,000	1,492,928
Volkswagen Auto Loan Enhanced Trust		
Series 2023-1, Class A3 5.020%, 06/20/2028	1,870,000	1,866,810
WF Card Issuance Trust		
Series 2024-A1, Class A 4.940%, 02/15/2029 (C)	3,947,000	3,947,000
World Omni Select Auto Trust		
Series 2023-A, Class A2A 5.920%, 03/15/2027	1,040,482	1,041,668
TOTAL ASSET BACKED SECURITIES (Cost \$137,257,647)		\$ 134,130,979
SHORT-TERM INVESTMENTS – 4.0%		
Short-term funds – 4.0%		
John Hancock Collateral Trust,		
5.2759% (G)(H)	96,869	968,726
State Street Institutional U.S. Government		
Money Market Fund, Premier Class, 5.2628% (G)	70,899,632	70,899,632
TOTAL SHORT-TERM INVESTMENTS (Cost \$71,868,296)		\$ 71,868,358
Total Investments (Core Bond Fund) (Cost \$1,969,025,092) – 106.9%		\$ 1,923,061,921
Other assets and liabilities, net – (6.9%)		(123,608,224)
TOTAL NET ASSETS – 100.0%		\$ 1,799,453,697

Security Abbreviations and Legend

CME	CME Group Published Rates
CMT	Constant Maturity Treasury
IBOR	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.
(E)	All or a portion of this security is on loan as of 2-29-24.
(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 2-29-24.
(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 – 98.9%		
Financials – 0.3%		
Financial services – 0.1%		
Helix Acquisition Corp. II (A)	16,221	\$ 168,050
Insurance – 0.2%		
Oscar Health, Inc., Class A (A)	38,602	627,669
		795,719
Health care – 98.5%		
Biotechnology – 31.8%		
AbbVie, Inc.	9,269	1,631,807
ACADIA Pharmaceuticals, Inc. (A)	21,011	488,296
Acumen Pharmaceuticals, Inc. (A)	3,788	16,326
Agios Pharmaceuticals, Inc. (A)	16,507	533,506
Akero Therapeutics, Inc. (A)	12,988	350,546
Alector, Inc. (A)	15,178	105,791
Alkermes PLC (A)	27,636	820,513
Allogene Therapeutics, Inc. (A)	46,738	229,484
Alnylam Pharmaceuticals, Inc. (A)	24,093	3,640,211
Alpine Immune Sciences, Inc. (A)	13,700	482,514
ALX Oncology Holdings, Inc. (A)	12,669	185,854
Amgen, Inc.	16,045	4,393,602
Annexon, Inc. (A)	14,200	79,094
Apellis Pharmaceuticals, Inc. (A)	30,776	1,907,189
Apogee Therapeutics, Inc. (A)	14,308	498,205
Arcellx, Inc. (A)	7,881	518,727
Ardelyx, Inc. (A)	52,741	491,546
Argenx SE, ADR (A)	14,339	5,448,963
Arrowhead Pharmaceuticals, Inc. (A)	3,223	103,458
Ascendis Pharma A/S, ADR (A)	7,856	1,160,803
Atara Biotherapeutics, Inc. (A)	77,700	60,451
Aura Biosciences, Inc. (A)	11,763	106,690
Autolus Therapeutics PLC, ADR (A)	38,774	232,644
Avidity Biosciences, Inc. (A)	25,697	470,255
Beam Therapeutics, Inc. (A)	13,168	520,004
BeiGene, Ltd., ADR (A)	11,814	1,956,989
Bicycle Therapeutics PLC, ADR (A)	4,984	125,049
Biogen, Inc. (A)	7,291	1,582,074
Biohaven, Ltd. (A)	31,581	1,520,309
BioMarin Pharmaceutical, Inc. (A)	15,410	1,329,575
Blueprint Medicines Corp. (A)	30,653	2,866,669
C4 Therapeutics, Inc. (A)	13,300	146,034
Cabaletta Bio, Inc. (A)	10,397	237,883
Cargo Therapeutics, Inc. (A)	23,935	578,748
Celldex Therapeutics, Inc. (A)	16,416	788,953
Centessa Pharmaceuticals PLC, ADR (A)	27,742	291,568
CG Oncology, Inc. (A)	13,894	621,201
Cogent Biosciences, Inc. (A)	7,158	50,106
Crinetics Pharmaceuticals, Inc. (A)	16,320	668,141
CRISPR Therapeutics AG (A)	4,796	403,919
Cytokinetics, Inc. (A)	9,803	708,169
Day One Biopharmaceuticals, Inc. (A)	6,468	108,210
Denali Therapeutics, Inc. (A)	12,793	253,046
Disc Medicine, Inc. (A)	4,021	276,122
Dyne Therapeutics, Inc. (A)	3,700	99,530
Entrada Therapeutics, Inc. (A)	11,267	149,062
Exact Sciences Corp. (A)	16,193	931,583
Exelixis, Inc. (A)	22,326	488,939
Fusion Pharmaceuticals, Inc. (A)	12,500	149,500
Generation Bio Company (A)	45,593	114,438
Gossamer Bio, Inc. (A)	52,800	74,448
Ideaya Biosciences, Inc. (A)	18,938	846,529
IGM Biosciences, Inc. (A)	16,325	206,185
Immatics NV (A)	36,364	454,914
Immuneering Corp., Class A (A)	37,414	231,967
Immunocore Holdings PLC, ADR (A)	20,590	1,384,060
Immunome, Inc. (A)	26,450	640,090

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Biotechnology (continued)		
Immunovant, Inc. (A)	13,048	\$ 461,508
Incyte Corp. (A)	10,215	596,147
Innate Pharma SA (A)	1,016	2,398
Insmmed, Inc. (A)	40,246	1,115,619
Intellia Therapeutics, Inc. (A)	5,442	174,797
Ionis Pharmaceuticals, Inc. (A)	22,091	998,734
Iovance Biotherapeutics, Inc. (A)	66,899	1,064,363
Krystal Biotech, Inc. (A)	6,678	1,064,941
Kymera Therapeutics, Inc. (A)	22,983	981,374
Kyvera Therapeutics, Inc. (A)	6,888	187,147
Larimar Therapeutics, Inc. (A)	4,450	51,175
Legend Biotech Corp., ADR (A)	22,923	1,493,663
Lyell Immunopharma, Inc. (A)	137,488	401,465
MacroGenics, Inc. (A)	12,700	227,838
Madrigal Pharmaceuticals, Inc. (A)	3,350	791,270
Mereo Biopharma Group PLC, ADR (A)	28,200	107,160
Merus NV (A)	13,892	673,484
Mirum Pharmaceuticals, Inc. (A)	8,272	237,489
Monte Rosa Therapeutics, Inc. (A)	35,064	221,955
MoonLake Immunotherapeutics (A)	19,247	928,475
Morphic Holding, Inc. (A)	15,019	554,952
Neurocrine Biosciences, Inc. (A)	12,661	1,650,994
Nuvalent, Inc., Class A (A)	3,700	311,244
ORIC Pharmaceuticals, Inc. (A)	18,584	236,760
Pharming Group NV (A)	129,911	145,004
Praxis Precision Medicines, Inc. (A)	1,300	60,814
Prelude Therapeutics, Inc. (A)	17,193	73,930
Prime Medicine, Inc. (A)	11,330	97,778
Protagonist Therapeutics, Inc. (A)	16,248	493,614
Prothena Corp. PLC (A)	14,340	395,641
RAPT Therapeutics, Inc. (A)	3,975	34,066
Regeneron Pharmaceuticals, Inc. (A)	7,822	7,556,756
Relay Therapeutics, Inc. (A)	47,360	474,547
Replimune Group, Inc. (A)	28,614	245,508
REVOLUTION Medicines, Inc. (A)	30,657	903,768
Rhythm Pharmaceuticals, Inc. (A)	4,719	204,899
Rocket Pharmaceuticals, Inc. (A)	17,182	503,433
Roivant Sciences, Ltd. (A)	34,797	398,078
Sage Therapeutics, Inc. (A)	17,716	380,540
Sana Biotechnology, Inc. (A)	57,004	572,320
Sarepta Therapeutics, Inc. (A)	8,066	1,031,641
Scholar Rock Holding Corp. (A)	36,946	572,663
Sensorion SA (A)	181,940	179,575
Solenio Therapeutics, Inc. (A)	6,181	298,666
SpringWorks Therapeutics, Inc. (A)	21,410	1,054,657
Taysha Gene Therapies, Inc. (A)	17,700	55,932
Tenaya Therapeutics, Inc. (A)	21,031	125,134
UltraGenyx Pharmaceutical, Inc. (A)	23,427	1,211,644
UroGen Pharma, Ltd. (A)	5,800	106,314
Vaxcyte, Inc. (A)	15,780	1,164,880
Vera Therapeutics, Inc. (A)	13,852	652,152
Vertex Pharmaceuticals, Inc. (A)	14,346	6,035,936
Viking Therapeutics, Inc. (A)	139	10,710
Voyager Therapeutics, Inc. (A)	21,528	179,113
Xencor, Inc. (A)	19,037	436,899
Zai Lab, Ltd., ADR (A)	25,635	537,822
Zealand Pharma A/S (A)	1,509	145,642
Zentalis Pharmaceuticals, Inc. (A)	27,055	403,390
		86,038,907
Health care equipment and supplies – 16.4%		
Becton, Dickinson and Company	12,567	2,960,157
Boston Scientific Corp. (A)	41,415	2,742,087
DexCom, Inc. (A)	13,154	1,513,631
Edwards Lifesciences Corp. (A)	34,169	2,899,923
Enovis Corp. (A)	3,900	233,259

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care equipment and supplies (continued)		
Glaukos Corp. (A)	2,483	\$ 219,969
Hologic, Inc. (A)	24,557	1,812,307
Inspire Medical Systems, Inc. (A)	3,330	596,203
Insulet Corp. (A)	3,308	542,512
Intuitive Surgical, Inc. (A)	29,425	11,346,280
Lantheus Holdings, Inc. (A)	10,437	682,371
Novocure, Ltd. (A)	28,472	435,906
Orchestra BioMed Holdings, Inc. (A)	19,166	123,429
Penumbra, Inc. (A)	13,074	3,071,344
PROCEPT BioRobotics Corp. (A)	14,354	693,872
Shockwave Medical, Inc. (A)	7,650	1,995,656
Siemens Healthineers AG (B)	6,012	360,819
Sonova Holding AG	1,805	556,747
Stryker Corp.	28,678	10,010,629
Teleflex, Inc.	1,214	270,467
Zimmer Biomet Holdings, Inc.	11,240	1,397,806
		44,465,374
Health care providers and services – 17.9%		
agilon health, Inc. (A)	42,948	263,271
BrightSpring Health Services, Inc. (A)	20,143	181,086
Cardinal Health, Inc.	12,633	1,414,643
Cencora, Inc.	3,679	866,772
Centene Corp. (A)	22,984	1,802,635
Elevance Health, Inc.	19,169	9,608,461
GeneDx Holdings Corp. (A)	990	8,069
Guardant Health, Inc. (A)	12,857	244,283
HCA Healthcare, Inc.	9,134	2,847,068
Humana, Inc.	4,568	1,600,262
McKesson Corp.	2,515	1,311,346
Molina Healthcare, Inc. (A)	10,559	4,159,296
Surgery Partners, Inc. (A)	17,019	528,100
Tenet Healthcare Corp. (A)	10,365	963,945
The Cigna Group	14,215	4,778,230
UnitedHealth Group, Inc.	36,120	17,828,832
		48,406,299
Health care technology – 0.8%		
Schrodinger, Inc. (A)	10,047	255,797
Veeva Systems, Inc., Class A (A)	8,354	1,883,911
		2,139,708
Life sciences tools and services – 11.4%		
10X Genomics, Inc., Class A (A)	34,035	1,587,392
Agilent Technologies, Inc.	19,239	2,642,669
Bio-Techne Corp.	15,076	1,109,141
Bruker Corp.	9,823	850,082
Charles River Laboratories International, Inc. (A)	4,166	1,058,956
Danaher Corp.	31,786	8,046,308
ICON PLC (A)	4,090	1,311,336
IQVIA Holdings, Inc. (A)	3,505	866,296
Pacific Biosciences of California, Inc. (A)	36,880	203,946
Repligen Corp. (A)	4,958	961,802
Thermo Fisher Scientific, Inc.	18,383	10,481,619
West Pharmaceutical Services, Inc.	5,031	1,802,909
		30,922,456
Pharmaceuticals – 20.2%		
Alto Neuroscience, Inc. (A)	8,964	138,046
Amylyx Pharmaceuticals, Inc. (A)	16,352	308,235
Arvinas, Inc. (A)	20,422	939,004
AstraZeneca PLC, ADR	80,572	5,169,500
Axsome Therapeutics, Inc. (A)	4,392	357,421
Daiichi Sankyo Company, Ltd.	20,300	668,558
Edgewise Therapeutics, Inc. (A)	742	12,117
Eli Lilly & Company	35,360	26,650,125
EyePoint Pharmaceuticals, Inc. (A)	14,944	406,626

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Health Sciences Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Pharmaceuticals (continued)		
Intra-Cellular Therapies, Inc. (A)	4,909	\$ 341,274
Longboard Pharmaceuticals, Inc. (A)	17,782	394,405
Merck & Company, Inc.	90,903	11,558,316
Novo Nordisk A/S, ADR	32,648	3,910,251
Pharvaris NV (A)	14,652	336,117
Pliant Therapeutics, Inc. (A)	13,397	212,610
Structure Therapeutics, Inc., ADR (A)	18,189	737,928
Ventyx Biosciences, Inc. (A)	3,400	24,072
Viatis, Inc.	34,371	425,169
WaVe Life Sciences, Ltd. (A)	42,611	204,959
Zoetis, Inc.	10,435	2,069,574
		54,864,307
		266,837,051
Materials – 0.1%		
Chemicals – 0.1%		
Ginkgo Bioworks Holdings, Inc. (A)	91,101	138,474
TOTAL COMMON STOCKS (Cost \$178,928,092)		\$ 267,771,244
PREFERRED SECURITIES – 0.3%		
Health care – 0.3%		
Life sciences tools and services – 0.3%		
Sartorius AG	2,147	813,133
TOTAL PREFERRED SECURITIES (Cost \$354,911)		\$ 813,133
CONVERTIBLE BONDS - 0.1%		
Health care - 0.1%		
Immunocore Holdings PLC 2.500%, 02/01/2030 (B)	\$ 276,000	285,936
TOTAL CONVERTIBLE BONDS (Cost \$276,000)		\$ 285,936
WARRANTS – 0.0%		
GeneDx Holdings Corp. (Expiration Date: 7-22-26; Strike Price: \$11.50) (A)	7,150	641
REVOLUTION Medicines, Inc. (Expiration Date: 11-14-28; Strike Price: \$11.50) (A)	6,524	1,339
SomaLogic, Inc. (Expiration Date: 8-31-26; Strike Price: \$11.50) (A)	2,900	293
TOTAL WARRANTS (Cost \$42,435)		\$ 2,273
SHORT-TERM INVESTMENTS – 0.4%		
Short-term funds – 0.4%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 5.2628% (C)	1,125,701	1,125,701
T. Rowe Price Government Reserve Fund, 5.3661% (C)	3,935	3,935
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,129,636)		\$ 1,129,636
Total Investments (Health Sciences Fund) (Cost \$180,731,074) – 99.7%		\$ 270,002,222
Other assets and liabilities, net – 0.3%		948,080
TOTAL NET ASSETS – 100.0%		\$ 270,950,302

Security Abbreviations and Legend

- ADR American Depositary Receipt
 (A) Non-income producing security.
 (B) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
 (C) The rate shown is the annualized seven-day yield as of 2-29-24.

High Yield Fund

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS – 0.3%		
Argentina – 0.3%		
Provincia de Buenos Aires 6.375%, (6.375% to 9-1-24, then 6.625% thereafter), 09/01/2037 (A)	\$ 968,484	\$ 372,866
Republic of Argentina 1.000%, 07/09/2029	54,775	25,355
3.625%, (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	176,754
		574,975
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$852,320)		\$ 574,975
CORPORATE BONDS – 82.4%		
Communication services – 11.5%		
Accelerate360 Holdings LLC 8.000%, 03/01/2028 (A)	873,000	899,190
Allen Media LLC 10.500%, 02/15/2028 (A)	1,860,000	931,081
Altice Financing SA 5.750%, 08/15/2029 (A)	1,050,000	904,334
Altice France Holding SA 10.500%, 05/15/2027 (A)	770,000	503,014
Altice France SA 5.125%, 07/15/2029 (A)	900,000	679,630
5.500%, 01/15/2028 (A)	840,000	685,378
AMC Entertainment Holdings, Inc. 7.500%, 02/15/2029 (A)	1,350,000	933,013
Banijay Entertainment SASU 8.125%, 05/01/2029 (A)	510,000	527,455
CCO Holdings LLC 4.250%, 01/15/2034 (A)	1,440,000	1,076,627
4.500%, 05/01/2032	1,740,000	1,374,608
4.750%, 02/01/2032 (A)	350,000	282,371
Charter Communications Operating LLC 3.700%, 04/01/2051	540,000	327,804
Clear Channel Outdoor Holdings, Inc. 7.500%, 06/01/2029 (A)	700,000	579,250
CSC Holdings LLC 4.500%, 11/15/2031 (A)	330,000	245,025
5.000%, 11/15/2031 (A)	430,000	234,350
5.750%, 01/15/2030 (A)	660,000	388,130
6.500%, 02/01/2029 (A)	900,000	784,503
11.250%, 05/15/2028 (A)	430,000	443,661
CSC Holdings LLC 11.750%, 01/31/2029 (A)	510,000	533,114
Directv Financing LLC 5.875%, 08/15/2027 (A)	840,000	792,851
DISH DBS Corp. 5.125%, 06/01/2029	1,020,000	435,005
5.750%, 12/01/2028 (A)	1,210,000	837,925
5.875%, 11/15/2024	110,000	103,950
7.750%, 07/01/2026	1,800,000	1,147,500
Gannett Holdings LLC 6.000%, 11/01/2026 (A)	860,000	777,130
Gray Television, Inc. 5.375%, 11/15/2031 (A)	980,000	633,967
iHeartCommunications, Inc. 4.750%, 01/15/2028 (A)	30,000	21,600
5.250%, 08/15/2027 (A)	780,000	578,175
Match Group Holdings II LLC 4.625%, 06/01/2028 (A)	720,000	676,922
Playtika Holding Corp. 4.250%, 03/15/2029 (A)	700,000	597,268

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Sprint Capital Corp. 8.750%, 03/15/2032	\$ 350,000	\$ 422,703
Sunrise HoldCo IV BV 5.500%, 01/15/2028 (A)	400,000	386,930
Telecom Italia Capital SA 6.000%, 09/30/2034	570,000	528,835
Time Warner Cable LLC 7.300%, 07/01/2038	400,000	398,807
Univision Communications, Inc. 8.000%, 08/15/2028 (A)	410,000	412,189
Urban One, Inc. 7.375%, 02/01/2028 (A)	400,000	343,084
Virgin Media Secured Finance PLC 5.500%, 05/15/2029 (A)	550,000	515,388
Vmed O2 UK Financing I PLC 4.750%, 07/15/2031 (A)	500,000	432,362
ZipRecruiter, Inc. 5.000%, 01/15/2030 (A)	430,000	378,520
		22,753,649
Consumer discretionary – 18.2%		
Academy, Ltd. 6.000%, 11/15/2027 (A)	650,000	643,442
Adtalem Global Education, Inc. 5.500%, 03/01/2028 (A)	476,000	453,071
American Axle & Manufacturing, Inc. 5.000%, 10/01/2029	1,000,000	867,082
American News Company LLC 8.500%, (8.500% Cash or 10.000% PIK), 09/01/2026 (A)	754,645	839,543
Bath & Body Works, Inc. 6.625%, 10/01/2030 (A)	860,000	864,722
9.375%, 07/01/2025 (A)	160,000	166,742
Boyne USA, Inc. 4.750%, 05/15/2029 (A)	480,000	441,300
Caesars Entertainment, Inc. 4.625%, 10/15/2029 (A)	770,000	703,007
6.500%, 02/15/2032 (A)	520,000	523,891
7.000%, 02/15/2030 (A)	400,000	409,784
Carnival Corp. 5.750%, 03/01/2027 (A)	470,000	464,113
6.000%, 05/01/2029 (A)(B)	1,050,000	1,026,074
7.000%, 08/15/2029 (A)	400,000	414,917
10.500%, 06/01/2030 (A)	1,150,000	1,254,687
Carnival Holdings Bermuda, Ltd. 10.375%, 05/01/2028 (A)	620,000	676,398
Carriage Purchaser, Inc. 7.875%, 10/15/2029 (A)	980,000	847,700
Carriage Services, Inc. 4.250%, 05/15/2029 (A)	420,000	365,238
Dornoch Debt Merger Sub, Inc. 6.625%, 10/15/2029 (A)	550,000	493,684
Empire Communities Corp. 7.000%, 12/15/2025 (A)	900,000	889,775
Fertitta Entertainment LLC 4.625%, 01/15/2029 (A)	400,000	362,984
Fontainebleau Las Vegas Holdings LLC 10.250%, 06/15/2015 (A)(C)	2,983,778	298
Foot Locker, Inc. 4.000%, 10/01/2029 (A)(B)	760,000	643,142
Ford Motor Company 3.250%, 02/12/2032	400,000	328,023
6.100%, 08/19/2032	30,000	29,947
Ford Motor Credit Company LLC 4.000%, 11/13/2030	920,000	813,421
7.350%, 03/06/2030	520,000	551,201

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Full House Resorts, Inc. 8.250%, 02/15/2028 (A)	\$ 1,110,000	\$ 1,040,869
Global Auto Holdings, Ltd. 8.750%, 01/15/2032 (A)	660,000	626,793
Marston's Issuer PLC 7.890%, (SONIA + 2.669%), 07/16/2035 (D)	GBP 380,000	354,956
Melco Resorts Finance, Ltd. 5.375%, 12/04/2029 (A)	\$ 650,000	582,502
Mohegan Tribal Gaming Authority 13.250%, 12/15/2027 (A)	140,000	151,624
NCL Corp., Ltd. 5.875%, 02/15/2027 (A)	320,000	316,263
7.750%, 02/15/2029 (A)	1,310,000	1,342,948
8.125%, 01/15/2029 (A)	790,000	831,145
8.375%, 02/01/2028 (A)	1,240,000	1,301,707
NCL Finance, Ltd. 6.125%, 03/15/2028 (A)	590,000	575,491
NMG Holding Company, Inc. 7.125%, 04/01/2026 (A)	430,000	421,761
PetSmart, Inc. 7.750%, 02/15/2029 (A)	250,000	247,042
Royal Caribbean Cruises, Ltd. 3.700%, 03/15/2028	940,000	867,512
6.250%, 03/15/2032 (A)	1,270,000	1,273,392
7.250%, 01/15/2030 (A)	970,000	1,008,485
Sally Holdings LLC / Sally Capital, Inc. 6.750%, 03/01/2032	330,000	329,051
Sizzling Platter LLC 8.500%, 11/28/2025 (A)	460,000	460,975
Speedway Motorsports LLC 4.875%, 11/01/2027 (A)	390,000	369,127
StoneMor, Inc. 8.500%, 05/15/2029 (A)	340,000	246,758
Sugarhouse HSP Gaming Prop Mezz LP 5.875%, 05/15/2025 (A)	280,000	277,176
The Michaels Companies, Inc. 5.250%, 05/01/2028 (A)	740,000	574,535
TopBuild Corp. 3.625%, 03/15/2029 (A)	400,000	358,265
Upbound Group, Inc. 6.375%, 02/15/2029 (A)	930,000	890,122
Viking Cruises, Ltd. 5.875%, 09/15/2027 (A)	310,000	303,025
7.000%, 02/15/2029 (A)	1,590,000	1,589,303
9.125%, 07/15/2031 (A)	1,110,000	1,201,662
VOC Escrow, Ltd. 5.000%, 02/15/2028 (A)	350,000	336,151
WW International, Inc. 4.500%, 04/15/2029 (A)	1,000,000	463,140
Wynn Macau, Ltd. 5.625%, 08/26/2028 (A)	1,040,000	977,143
Wynn Resorts Finance LLC 5.125%, 10/01/2029 (A)	510,000	481,085
7.125%, 02/15/2031 (A)	390,000	402,746
ZF North America Capital, Inc. 7.125%, 04/14/2030 (A)	520,000	541,803
		35,818,743
Consumer staples – 0.9%		
Darling Ingredients, Inc. 6.000%, 06/15/2030 (A)	470,000	463,159
Simmons Foods, Inc. 4.625%, 03/01/2029 (A)	700,000	613,379

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer staples (continued)		
Triton Water Holdings, Inc. 6.250%, 04/01/2029 (A)	\$ 720,000	\$ 628,546
		1,705,084
Energy – 10.5%		
Berry Petroleum Company LLC 7.000%, 02/15/2026 (A)	1,100,000	1,077,633
Blue Racer Midstream LLC 6.625%, 07/15/2026 (A)	1,100,000	1,091,706
Chord Energy Corp. 6.375%, 06/01/2026 (A)	1,160,000	1,161,450
CNX Midstream Partners LP 4.750%, 04/15/2030 (A)	700,000	612,398
Crescent Energy Finance LLC 9.250%, 02/15/2028 (A)	610,000	638,360
Endeavor Energy Resources LP 5.750%, 01/30/2028 (A)	1,000,000	1,008,100
Energy Transfer LP 6.500%, (6.500% to 11-15-26, then 5 Year CMT + 5.694%), 11/15/2026 (E)	230,000	222,927
EQM Midstream Partners LP 6.500%, 07/15/2048	990,000	1,004,887
Hilcorp Energy I LP 6.250%, 04/15/2032 (A)	670,000	648,225
	410,000	440,443
Howard Midstream Energy Partners LLC 6.750%, 01/15/2027 (A)	810,000	806,919
	420,000	442,575
MEG Energy Corp. 5.875%, 02/01/2029 (A)	350,000	341,236
Nabors Industries, Ltd. 7.250%, 01/15/2026 (A)	750,000	738,750
Noble Finance II LLC 8.000%, 04/15/2030 (A)	430,000	442,102
Northern Oil and Gas, Inc. 8.125%, 03/01/2028 (A)	700,000	708,841
Permian Resources Operating LLC 5.875%, 07/01/2029 (A)	600,000	586,295
	780,000	800,887
	180,000	185,627
	620,000	686,650
Range Resources Corp. 8.250%, 01/15/2029	800,000	834,614
Shelf Drilling Holdings, Ltd. 9.625%, 04/15/2029 (A)	700,000	675,586
SilverBow Resources, Inc. 13.135%, (3 month CME Term SOFR + 7.750%), 12/15/2028 (A)(D)	960,000	938,118
Southwestern Energy Company 4.750%, 02/01/2032	930,000	844,752
Summit Midstream Holdings LLC 9.000%, 10/15/2026 (A)	430,000	425,408
Tallgrass Energy Partners LP 6.000%, 12/31/2030 (A)	670,000	623,051
Venture Global Calcasieu Pass LLC 3.875%, 11/01/2033 (A)	280,000	234,840
	420,000	368,617
	500,000	499,209
Venture Global LNG, Inc. 9.875%, 02/01/2032 (A)	1,440,000	1,516,149
		20,606,355
Financials – 11.5%		
Acuris Finance U.S., Inc. 5.000%, 05/01/2028 (A)	350,000	313,366

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Apollo Commercial Real Estate Finance, Inc. 4.625%, 06/15/2029 (A)	\$ 860,000	\$ 711,376
Banco Santander SA 9.625%, (9.625% to 11-21-33, then 5 Year CMT + 5.298%), 05/21/2033 (E)	600,000	642,581
Barclays PLC 8.000%, (8.000% to 6-15-24, then 5 Year CMT + 5.672%), 06/15/2024 (E)	400,000	399,068
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	821,025
	540,000	543,789
	210,000	209,756
Burford Capital Global Finance LLC 6.250%, 04/15/2028 (A)	700,000	672,373
	630,000	604,353
	570,000	598,500
Citigroup, Inc. 7.200%, (7.200% to 5-15-29, then 5 Year CMT + 2.905%), 05/15/2029 (E)(F)	550,000	551,140
Coinbase Global, Inc. 3.625%, 10/01/2031 (A)	720,000	563,718
Credit Agricole SA 8.125%, (8.125% to 12-23-25, then 5 Year U.S. Swap Rate + 6.185%), 12/23/2025 (A)(E)	560,000	570,768
Credit Suisse AG 3.625%, 09/09/2024	250,000	247,520
FirstCash, Inc. 4.625%, 09/01/2028 (A)	530,000	490,219
	170,000	161,039
	390,000	386,146
Five Point Operating Company LP 10.500%, 01/15/2028 (A)	537,335	549,506
Global Aircraft Leasing Company, Ltd. 6.500%, (6.500% Cash or 7.250% PIK), 09/15/2024 (A)	1,504,665	1,429,432
GTCR W-2 Merger Sub LLC 7.500%, 01/15/2031 (A)	810,000	844,830
Highlands Holdings Bond Issuer, Ltd. 7.625%, (7.625% Cash or 8.375% PIK), 10/15/2025 (A)	977,637	976,415
Intesa Sanpaolo SpA 4.198%, (4.198% to 6-1-31, then 1 Year CMT + 2.600%), 06/01/2032 (A)	640,000	524,963
Jane Street Group 4.500%, 11/15/2029 (A)	320,000	294,461
Ladder Capital Finance Holdings LLLP 4.250%, 02/01/2027 (A)	230,000	211,638
	490,000	439,747
Lloyds Banking Group PLC 8.000%, (8.000% to 3-27-30, then 5 Year CMT + 3.913%), 09/27/2029 (E)	810,000	797,414
Midcap Financial Issuer Trust 5.625%, 01/15/2030 (A)	450,000	380,614
	590,000	540,588
NMI Holdings, Inc. 7.375%, 06/01/2025 (A)	460,000	463,726

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Paysafe Finance PLC		
4.000%, 06/15/2029 (A)	\$ 340,000	\$ 304,514
Rocket Mortgage LLC		
3.875%, 03/01/2031 (A)	600,000	515,136
4.000%, 10/15/2033 (A)	890,000	738,914
Ryan Specialty LLC		
4.375%, 02/01/2030 (A)	670,000	622,289
StoneX Group, Inc.		
7.875%, 03/01/2031 (A)	400,000	405,100
8.625%, 06/15/2025 (A)(B)	640,000	643,974
The Bank of Nova Scotia		
8.000%, (8.000% to 1-27-29, then 5 Year CMT + 4.017%), 01/27/2084	380,000	383,727
The Charles Schwab Corp.		
4.000%, (4.000% to 12-1-30, then 10 Year CMT + 3.079%), 12/01/2030 (E)	370,000	304,724
The Toronto-Dominion Bank		
8.125%, (8.125% to 10-31-27, then 5 Year CMT + 4.075%), 10/31/2082	550,000	572,417
UBS Group AG		
6.537%, (6.537% to 8-12-32, then Overnight SOFR + 3.920%), 08/12/2033 (A)	330,000	344,143
7.750%, (7.750% to 4-12-31, then 5 Year SOFR ICE Swap Rate + 4.160%), 04/12/2031 (A)(E)	220,000	220,061
9.016%, (9.016% to 11-15-32, then Overnight SOFR + 5.020%), 11/15/2033 (A)	340,000	409,093
9.250%, (9.250% to 11-13-28, then 5 Year CMT + 4.745%), 11/13/2028 (A)(E)	430,000	459,068
UniCredit SpA		
5.459%, (5.459% to 6-30-30, then 5 Year CMT + 4.750%), 06/30/2035 (A)	790,000	729,976
		22,593,207
Health care – 5.1%		
Akumin, Inc.		
8.000%, (8.000% Cash and 0.000% PIK), 08/01/2027 (A)	1,000,000	865,000
AthenaHealth Group, Inc.		
6.500%, 02/15/2030 (A)	390,000	349,158
Bausch Health Companies, Inc.		
6.125%, 02/01/2027 (A)	180,000	115,188
6.250%, 02/15/2029 (A)	2,081,000	952,037
Cano Health LLC		
6.250%, 10/01/2028 (A)(C)	570,000	5,700
Community Health Systems, Inc.		
5.250%, 05/15/2030 (A)	420,000	335,088
6.125%, 04/01/2030 (A)	70,000	43,791
6.875%, 04/15/2029 (A)	1,710,000	1,091,141
10.875%, 01/15/2032 (A)	590,000	600,798
LifePoint Health, Inc.		
9.875%, 08/15/2030 (A)	1,100,000	1,141,237
11.000%, 10/15/2030 (A)	540,000	571,214
Medline Borrower LP		
3.875%, 04/01/2029 (A)	280,000	251,057
5.250%, 10/01/2029 (A)	740,000	684,490
Par Pharmaceutical, Inc.		
7.500%, 04/01/2027 (A)(C)	770,000	488,240
Teva Pharmaceutical Finance Company LLC		
6.150%, 02/01/2036	760,000	725,825

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Teva Pharmaceutical Finance Netherlands III BV		
4.750%, 05/09/2027	\$ 300,000	\$ 285,375
5.125%, 05/09/2029 (B)	500,000	472,160
7.875%, 09/15/2029 (B)	200,000	212,783
8.125%, 09/15/2031	520,000	561,786
US Renal Care, Inc.		
10.625%, 06/28/2028 (A)	430,500	360,544
		10,112,612
Industrials – 13.2%		
AAR Escrow Issuer LLC		
6.750%, 03/15/2029 (A)	590,000	595,577
Advanced Drainage Systems, Inc.		
6.375%, 06/15/2030 (A)	430,000	429,986
Allied Universal Holdco LLC		
6.625%, 07/15/2026 (A)	770,000	767,668
Alta Equipment Group, Inc.		
5.625%, 04/15/2026 (A)	800,000	773,623
American Airlines, Inc.		
5.750%, 04/20/2029 (A)	1,370,000	1,339,790
7.250%, 02/15/2028 (A)(B)	490,000	494,078
8.500%, 05/15/2029 (A)	800,000	841,006
Anagram International, Inc.		
10.000%, (0.000% Cash and 10.000% PIK), 08/15/2026 (A)(C)	101,368	1,267
ATS Corp.		
4.125%, 12/15/2028 (A)	460,000	419,819
Beacon Roofing Supply, Inc.		
6.500%, 08/01/2030 (A)	300,000	301,624
Bombardier, Inc.		
7.500%, 02/01/2029 (A)	620,000	628,863
7.875%, 04/15/2027 (A)	200,000	200,255
8.750%, 11/15/2030 (A)	800,000	838,008
Brundage-Bone Concrete Pumping Holdings, Inc.		
6.000%, 02/01/2026 (A)	680,000	670,985
Clean Harbors, Inc.		
6.375%, 02/01/2031 (A)	360,000	357,887
CoreCivic, Inc.		
8.250%, 04/15/2026	800,000	817,536
Covanta Holding Corp.		
4.875%, 12/01/2029 (A)	570,000	498,120
Doman Building Materials Group, Ltd.		
5.250%, 05/15/2026 (A)	CAD 340,000	238,938
GFL Environmental, Inc.		
6.750%, 01/15/2031 (A)	\$ 680,000	695,545
H&E Equipment Services, Inc.		
3.875%, 12/15/2028 (A)	210,000	189,491
JB Poindexter & Company, Inc.		
8.750%, 12/15/2031 (A)	500,000	512,221
Legends Hospitality Holding Company LLC		
5.000%, 02/01/2026 (A)	190,000	188,868
Madison IAQ LLC		
4.125%, 06/30/2028 (A)	250,000	227,740
5.875%, 06/30/2029 (A)	850,000	758,915
MIWD Holdco II LLC		
5.500%, 02/01/2030 (A)	360,000	328,480
Park-Ohio Industries, Inc.		
6.625%, 04/15/2027	360,000	329,400
PM General Purchaser LLC		
9.500%, 10/01/2028 (A)	1,610,000	1,626,344
Prime Security Services Borrower LLC		
6.250%, 01/15/2028 (A)	1,000,000	986,683

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
R.R. Donnelley & Sons Company 9.750%, 07/31/2028 (A)	\$ 380,000	\$ 388,224
Roller Bearing Company of America, Inc. 4.375%, 10/15/2029 (A)	780,000	710,607
Spirit Loyalty Cayman, Ltd. 8.000%, 09/20/2025 (A)	1,402,000	1,014,011
Stena International SA 7.250%, 01/15/2031 (A)	470,000	467,314
The GEO Group, Inc. 9.500%, 12/31/2028 (A)	1,500,000	1,496,111
Titan International, Inc. 7.000%, 04/30/2028	520,000	516,327
TransDigm, Inc. 6.625%, 03/01/2032 (A)	760,000	764,749
6.750%, 08/15/2028 (A)	420,000	425,022
7.125%, 12/01/2031 (A)	400,000	410,328
Tutor Perini Corp. 6.875%, 05/01/2025 (A)	320,000	316,400
United Airlines 2020-1 Class B Pass Through Trust 4.875%, 01/15/2026	172,360	169,856
United Airlines, Inc. 4.625%, 04/15/2029 (A)	200,000	184,481
United Rentals North America, Inc. 3.875%, 02/15/2031	360,000	318,150
5.250%, 01/15/2030	400,000	387,298
Vertiv Group Corp. 4.125%, 11/15/2028 (A)	560,000	516,678
VistaJet Malta Finance PLC 6.375%, 02/01/2030 (A)	880,000	642,400
7.875%, 05/01/2027 (A)	250,000	211,635
9.500%, 06/01/2028 (A)	80,000	67,400
XPO CNW, Inc. 6.700%, 05/01/2034	740,000	765,658
XPO, Inc. 7.125%, 02/01/2032 (A)	250,000	254,163
		26,085,529
Information technology – 2.9%		
CA Magnum Holdings 5.375%, 10/31/2026 (A)	430,000	413,312
Central Parent, Inc. 7.250%, 06/15/2029 (A)	500,000	503,313
CommScope Technologies LLC 5.000%, 03/15/2027 (A)	1,040,000	372,258
CommScope, Inc. 4.750%, 09/01/2029 (A)	1,400,000	959,000
Elastic NV 4.125%, 07/15/2029 (A)	750,000	673,674
Gen Digital, Inc. 7.125%, 09/30/2030 (A)(B)	410,000	418,866
NCR Atleos Corp. 9.500%, 04/01/2029 (A)	660,000	698,145
Open Text Corp. 6.900%, 12/01/2027 (A)	430,000	443,891
Rackspace Finance LLC 3.500%, 05/15/2028 (A)	700,000	420,000
Vericast Corp. 11.000%, 09/15/2026 (A)	860,000	902,114
		5,804,573
Materials – 5.2%		
ARD Finance SA 6.500%, (6.500% Cash or 7.250% PIK), 06/30/2027 (A)	1,220,000	521,550

High Yield Fund (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Materials (continued)		
Ardagh Metal Packaging Finance USA LLC 4.000%, 09/01/2029 (A)	\$ 1,000,000	\$ 812,161
Canpack SA 3.875%, 11/15/2029 (A)	750,000	650,678
Cascades, Inc. 5.375%, 01/15/2028 (A)	400,000	386,665
First Quantum Minerals, Ltd. 6.875%, 10/15/2027 (A)	1,300,000	1,236,307
8.625%, 06/01/2031 (A)	260,000	248,304
9.375%, 03/01/2029 (A)	1,470,000	1,523,380
Freeport-McMoRan, Inc. 5.450%, 03/15/2043	1,160,000	1,080,129
Hudbay Minerals, Inc. 6.125%, 04/01/2029 (A)	900,000	883,104
LSF11 A5 HoldCo LLC 6.625%, 10/15/2029 (A)	700,000	607,487
Midwest Vanadium Proprietary, Ltd. 13.250%, 02/15/2018 (A)(C)	1,951,648	1,952
Northwest Acquisitions ULC 7.125%, 11/01/2022 (A)(C)	1,140,000	11
Olin Corp. 5.000%, 02/01/2030	360,000	336,466
Smyrna Ready Mix Concrete LLC 6.000%, 11/01/2028 (A)	1,000,000	969,839
8.875%, 11/15/2031 (A)	530,000	561,686
Summit Materials LLC 5.250%, 01/15/2029 (A)	500,000	484,010
		10,303,729
Real estate – 2.2%		
Cushman & Wakefield US Borrower LLC 8.875%, 09/01/2031 (A)	200,000	208,250
Diversified Healthcare Trust 4.375%, 03/01/2031	500,000	379,900
4.750%, 02/15/2028	270,000	214,849
9.750%, 06/15/2025	170,000	169,238
Forestar Group, Inc. 3.850%, 05/15/2026 (A)	580,000	550,954
5.000%, 03/01/2028 (A)	420,000	396,991
IIP Operating Partnership LP 5.500%, 05/25/2026	1,030,000	971,777
Iron Mountain Information Management Services, Inc. 5.000%, 07/15/2032 (A)	170,000	151,986
MPT Operating Partnership LP 3.500%, 03/15/2031	300,000	200,910
4.625%, 08/01/2029	250,000	186,220
Service Properties Trust 5.500%, 12/15/2027	640,000	602,493
8.625%, 11/15/2031 (A)	300,000	316,834
		4,350,402
Utilities – 1.2%		
Suburban Propane Partners LP 5.000%, 06/01/2031 (A)	460,000	413,237
Sunnova Energy Corp. 5.875%, 09/01/2026 (A)	1,100,000	894,135
TransAlta Corp. 7.750%, 11/15/2029	380,000	395,105
Vistra Operations Company LLC 7.750%, 10/15/2031 (A)	580,000	599,950
		2,302,427
TOTAL CORPORATE BONDS (Cost \$180,431,801)		\$ 162,436,310

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
CONVERTIBLE BONDS – 0.5%		
Communication services – 0.2%		
DISH Network Corp. 3.375%, 08/15/2026	\$ 700,000	\$ 413,875
Consumer discretionary – 0.2%		
DraftKings Holdings, Inc. 4.088%, 03/15/2028 (G)	530,000	449,705
Utilities – 0.1%		
NextEra Energy Partners LP 2.500%, 06/15/2026 (A)	220,000	197,999
TOTAL CONVERTIBLE BONDS (Cost \$1,360,036)		\$ 1,061,579
TERM LOANS (H) – 5.7%		
Consumer discretionary – 1.4%		
Adtalem Global Education, Inc., 2024 Term Loan B (1 month CME Term SOFR + 3.500%) 8.826%, 08/14/2028	253,313	253,789
Clarios Global LP, 2024 Term Loan B (1 month CME Term SOFR + 3.000%) 8.326%, 05/06/2030	389,025	388,904
Equinox Holdings, Inc., 2020 Term Loan B2 (6 month LIBOR + 9.000%) 14.610%, 03/08/2024	405,300	400,234
First Brands Group LLC, 2021 Term Loan (3 month CME Term SOFR + 5.000%) 10.574%, 03/30/2027	359,825	360,275
Spencer Spirit IH LLC, Term Loan B (1 month CME Term SOFR + 6.000%) 11.430%, 06/19/2026	688,929	684,912
Upbound Group, Inc., 2021 First Lien Term Loan B (3 month CME Term SOFR + 3.250%) 9.119%, 02/17/2028	582,653	581,441
		2,669,555
Financials – 1.0%		
Acrisure LLC, 2020 Term Loan B (1 month LIBOR + 3.500%) 8.941%, 02/15/2027	519,750	518,290
Asurion LLC, 2021 Term Loan B9 (1 month CME Term SOFR + 3.250%) 8.691%, 07/31/2027	778,000	765,249
Asurion LLC, 2022 Term Loan B10 (1 month CME Term SOFR + 4.000%) 9.426%, 08/19/2028	464,125	460,064
Deerfield Dakota Holding LLC, 2021 USD 2nd Lien Term Loan (3 month CME Term SOFR + 6.750%) 12.360%, 04/07/2028	250,000	247,500
		1,991,103
Health care – 0.6%		
Cotiviti, Inc., 2024 Term Loan 02/21/2031 TBD (I)	400,000	398,500
Eyecare Partners LLC, 2020 Term Loan (3 month CME Term SOFR + 3.750%) 9.324%, 02/18/2027	240,001	127,801
Eyecare Partners LLC, 2022 Incremental Term Loan (3 month CME Term SOFR + 4.500%) 9.913%, 11/15/2028	435,600	230,506
LifePoint Health, Inc., 2023 Term Loan B (3 month CME Term SOFR + 5.500%) 11.087%, 11/16/2028	478,269	478,417
		1,235,224

High Yield Fund (continued)

	Shares or Principal Amount	Value
TERM LOANS (H) (continued)		
Industrials – 1.0%		
Allied Universal Holdco LLC, 2021 USD Incremental Term Loan B (1 month CME Term SOFR + 3.750%) 9.176%, 05/12/2028	\$ 782,000	\$ 778,379
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month CME Term SOFR + 5.250%) 10.770%, 06/21/2027	336,000	345,737
R.R. Donnelley & Sons Company, 2023 Term Loan B (1 month CME Term SOFR + 7.250%) 12.676%, 03/22/2028	602,448	603,954
United Airlines, Inc., 2024 Term Loan B (3 month CME Term SOFR + 2.750%) 8.076%, 02/15/2031	230,000	229,713
		1,957,783
Information technology – 1.4%		
Dcert Buyer, Inc., 2019 Term Loan B (1 month CME Term SOFR + 4.000%) 9.326%, 10/16/2026	680,556	674,832
Dcert Buyer, Inc., 2021 2nd Lien Term Loan (1 month CME Term SOFR + 7.000%) 12.326%, 02/19/2029	880,000	799,542
Global Tel*Link Corp., 2018 1st Lien Term Loan (1 month CME Term SOFR + 4.250%) 9.676%, 11/29/2025	545,336	529,772
MRI Software LLC, 2020 Term Loan (3 month CME Term SOFR + 5.500%) 10.948%, 02/10/2027	68,664	68,149
MRI Software LLC, 2020 Term Loan B (3 month CME Term SOFR + 5.500%) 10.948%, 02/10/2027	119,388	118,493
Neptune Bidco US, Inc., 2022 USD Term Loan B (3 month CME Term SOFR + 5.000%) 10.423%, 04/11/2029	238,200	218,425
Peraton Corp., Term Loan B (1 month CME Term SOFR + 3.750%) 9.176%, 02/01/2028	428,330	428,330
		2,837,543
TOTAL TERM LOANS (Cost \$11,565,041)		\$ 11,183,329
ASSET BACKED SECURITIES – 7.3%		
AGL CLO, Ltd.		
Series 2021-11A, Class E (3 month CME Term SOFR + 6.622%) 11.936%, 04/15/2034 (A)(D)	350,000	341,553
Aimco CLO, Ltd.		
Series 2020-12A, Class DR (3 month CME Term SOFR + 2.900%) 8.217%, 01/17/2032 (A)(D)	440,000	433,560
ALM, Ltd.		
Series 2020-1A, Class D (3 month CME Term SOFR + 6.262%) 11.576%, 10/15/2029 (A)(D)	560,000	559,522
Ares CLO, Ltd.		
Series 2017-44A, Class CR (3 month CME Term SOFR + 3.662%) 8.976%, 04/15/2034 (A)(D)	410,000	409,992
Balboa Bay Loan Funding, Ltd.		
Series 2022-1A, Class D (3 month CME Term SOFR + 4.000%) 9.318%, 04/20/2034 (A)(D)	290,000	290,051

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Ballyrock CLO, Ltd. Series 2022-19A, Class D (3 month CME Term SOFR + 7.110%) 12.428%, 04/20/2035 (A)(D)	\$ 450,000	\$ 441,181
Barings CLO, Ltd. Series 2018-3A, Class D (3 month CME Term SOFR + 3.162%) 8.479%, 07/20/2029 (A)(D)	250,000	250,388
Series 2020-4A, Class E (3 month CME Term SOFR + 5.942%) 11.259%, 01/20/2032 (A)(D)	350,000	343,408
Series 2023-3A, Class D (3 month CME Term SOFR + 4.500%) 9.907%, 10/15/2036 (A)(D)	250,000	251,361
Battalion CLO, Ltd. Series 2021-20A, Class D (3 month CME Term SOFR + 3.362%) 8.676%, 07/15/2034 (A)(D)	250,000	239,757
BlueMountain CLO XXXI, Ltd. Series 2021-31A, Class E (3 month CME Term SOFR + 6.792%) 12.101%, 04/19/2034 (A)(D)	170,000	158,950
Clover CLO LLC Series 2018-1A, Class DR (3 month CME Term SOFR + 3.362%) 8.679%, 04/20/2032 (A)(D)	320,000	319,075
Dryden CLO, Ltd. Series 2018-70A, Class E (3 month CME Term SOFR + 6.312%) 11.626%, 01/16/2032 (A)(D)	750,000	716,156
Galaxy XXII CLO, Ltd. Series 2016-22A, Class DRR (3 month CME Term SOFR + 3.612%) 8.926%, 04/16/2034 (A)(D)	290,000	284,006
Greenwood Park CLO, Ltd. Series 2018-1A, Class D (3 month CME Term SOFR + 2.762%) 8.076%, 04/15/2031 (A)(D)	530,000	514,231
Series 2018-1A, Class E (3 month CME Term SOFR + 5.212%) 10.526%, 04/15/2031 (A)(D)	750,000	680,992
Greywolf CLO IV, Ltd. Series 2019-1A, Class CR (3 month CME Term SOFR + 3.910%) 9.227%, 04/17/2034 (A)(D)	390,000	381,932
Grippen Park CLO, Ltd. Series 2017-1A, Class E (3 month CME Term SOFR + 5.962%) 11.279%, 01/20/2030 (A)(D)	440,000	432,627
Halsey Point CLO I, Ltd. Series 2019-1A, Class E (3 month CME Term SOFR + 7.962%) 13.279%, 01/20/2033 (A)(D)	600,000	590,995
ICG US CLO, Ltd. Series 2022-1A, Class DJ (3 month CME Term SOFR + 5.730%) 11.048%, 07/20/2035 (A)(D)	300,000	299,091
Magnetite XXIV, Ltd. Series 2019-24A, Class ER (3 month CME Term SOFR + 6.400%) 11.714%, 04/15/2035 (A)(D)	250,000	240,569
Mountain View CLO IX, Ltd. Series 2015-9A, Class CR (3 month CME Term SOFR + 3.382%) 8.696%, 07/15/2031 (A)(D)	670,000	647,959

High Yield Fund (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Neuberger Berman Loan Advisers CLO, Ltd. Series 2017-25A, Class DR (3 month CME Term SOFR + 3.112%) 8.410%, 10/18/2029 (A)(D)	\$ 250,000	\$ 247,928
Series 2018-28A, Class D (3 month CME Term SOFR + 3.112%) 8.429%, 04/20/2030 (A)(D)	340,000	335,338
Oaktree CLO, Ltd. Series 2022-2A, Class DR (3 month CME Term SOFR + 4.500%) 9.814%, 07/15/2033 (A)(D)	500,000	500,837
Octagon 55, Ltd. Series 2021-1A, Class D (3 month CME Term SOFR + 3.362%) 8.679%, 07/20/2034 (A)(D)	410,000	400,221
OZLM XI, Ltd. Series 2015-11A, Class CR (3 month CME Term SOFR + 3.862%) 9.179%, 10/30/2030 (A)(D)	1,000,000	1,000,037
Palmer Square Loan Funding, Ltd. Series 2022-3A, Class C (3 month CME Term SOFR + 5.400%) 10.714%, 04/15/2031 (A)(D)	470,000	470,044
Rockland Park CLO, Ltd. Series 2021-1A, Class E (3 month CME Term SOFR + 6.512%) 11.829%, 04/20/2034 (A)(D)	200,000	198,065
Sculptor CLO XXVI, Ltd. Series 2026-A, Class E (3 month CME Term SOFR + 7.512%) 12.829%, 07/20/2034 (A)(D)	390,000	373,650
Symphony CLO XXII, Ltd. Series 2020-22A, Class D (3 month CME Term SOFR + 3.412%) 8.710%, 04/18/2033 (A)(D)	500,000	486,461
TCI-Symphony CLO, Ltd. Series 2016-1A, Class DR2 (3 month CME Term SOFR + 3.362%) 8.676%, 10/13/2032 (A)(D)	300,000	294,474
Trinitas CLO XXVI, Ltd. Series 2023-26A, Class D (3 month CME Term SOFR + 4.500%) 9.819%, 01/20/2035 (A)(D)	950,000	954,151
Valley Stream Park CLO, Ltd. Series 2022-1A, Class DR (3 month CME Term SOFR + 4.150%) 9.468%, 10/20/2034 (A)(D)	320,000	322,036
TOTAL ASSET BACKED SECURITIES (Cost \$14,478,839)		\$ 14,410,598
COMMON STOCKS – 0.6%		
Communication services – 0.0%		
New Cotai, Inc., Class B (J)(K)(L)	11	0
Energy – 0.6%		
Berry Corp.	75,327	531,050
Chord Energy Corp.	3,199	519,678
KCAD Holdings I, Ltd. (J)(K)(L)	752,218,031	752
MWO Holdings LLC (J)(K)(L)	1,134	7,053
Permian Production (J)(L)	35,417	21,250
		1,079,783
TOTAL COMMON STOCKS (Cost \$8,212,133)		\$ 1,079,783

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES – 0.4%		
Energy – 0.4%		
Equitrans Midstream Corp., 9.750% (9.750% to 3-31-24, then 3 month LIBOR + 8.150%)	25,612	\$ 557,061
MPLX LP, 9.538% (J)	8,687	309,952
TOTAL PREFERRED SECURITIES (Cost \$852,195)		\$ 867,013
ESCROW SHARES – 0.0%		
Arctic Canadian Diamonds Holding Units (J)(L)	518	65,311
TOTAL ESCROW SHARES (Cost \$0)		\$ 65,311
ESCROW CERTIFICATES – 0.0%		
Magellan Health, Inc. (J)(L)	\$ 4,380,000	0
TOTAL ESCROW CERTIFICATES (Cost \$0)		\$ 0
SHORT-TERM INVESTMENTS – 1.6%		
Short-term funds – 1.6%		
John Hancock Collateral Trust, 5.2759% (M)(N)	137,694	1,376,993
State Street Institutional Treasury Plus Money Market Fund, Premier Class, 5.2493% (M)	1,725,278	1,725,278
TOTAL SHORT-TERM INVESTMENTS (Cost \$3,102,300)		\$ 3,102,271
Total Investments (High Yield Fund) (Cost \$220,854,665) – 98.8%		\$ 194,781,169
Other assets and liabilities, net – 1.2%		2,270,920
TOTAL NET ASSETS – 100.0%		\$ 197,052,089

Currency Abbreviations

CAD	Canadian Dollar
GBP	Pound Sterling

Security Abbreviations and Legend

CME	CME Group Published Rates
CMT	Constant Maturity Treasury

DERIVATIVES

FUTURES

	Number of contracts	Position	Expiration date	Notional basis^	Notional value^	Unrealized appreciation (depreciation)
Open contracts						
5-Year U.S. Treasury Note Futures	117	Long	Jun 2024	\$12,495,818	\$12,508,030	\$12,212
5-Year U.S. Treasury Note Futures	4	Short	Mar 2024	(425,493)	(426,031)	(538)
						\$11,674

^ 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 749,193	MSCS	4/19/2024	—	\$(7,180)
MXN 1,466,420	USD 85,300	JPM	4/19/2024	\$110	—
USD 149,805	CAD 200,571	MSCS	4/19/2024	1,909	—

High Yield Fund (continued)

ICE	Intercontinental Exchange
LIBOR	London Interbank Offered Rate
PIK	Pay-in-Kind Security - Represents a payment-in-kind which may pay interest in additional par and/or cash. Rates shown are the current rate and most recent payment rate.
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 \$151,632,356 or 77.0% of the fund's net assets as of 2-29-24.
(B)	All or a portion of this security is on loan as of 2-29-24.
(C)	Non-income producing - Issuer is in default.
(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)	Security purchased or sold on a when-issued or delayed delivery basis.
(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 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)	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.
(K)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to financial statements.
(L)	Non-income producing security.
(M)	The rate shown is the annualized seven-day yield as of 2-29-24.
(N)	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 29, 2024 (unaudited) (showing percentage of total net assets)

High Yield Fund (continued)

FORWARD FOREIGN CURRENCY CONTRACTS (continued)

Contract to buy		Contract to sell		Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
USD	279,937	EUR	254,004	BNP	4/19/2024	\$4,895	—
						\$6,914	\$(7,180)

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	The Goodyear Tire & Rubber Company	590,000	USD	\$590,000	5.000%	Quarterly	Jun 2027	\$(7,058)	\$(51,345)	\$(58,403)
Centrally cleared	Macy's Retail Holdings LLC	850,000	USD	850,000	1.000%	Quarterly	Dec 2028	106,673	(30,557)	76,116
Centrally cleared	Southwest Airlines Company	1,285,500	USD	1,285,500	1.000%	Quarterly	Dec 2028	6,314	(26,370)	(20,056)
Centrally cleared	Transocean, Inc.	1,283,000	USD	1,283,000	1.000%	Quarterly	Dec 2028	187,731	(6,119)	181,612
Centrally cleared	General Motors Company	430,000	USD	430,000	5.000%	Quarterly	Jun 2029	(72,517)	(4,300)	(76,817)
				\$4,438,500				\$221,143	\$(118,691)	\$102,452

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.	0.494%	810,000	USD	\$810,000	1.000%	Quarterly	Jun 2026	\$(17,161)	\$27,754	\$10,593
Centrally cleared	American Axle & Manufacturing, Inc.	0.684%	590,000	USD	590,000	5.000%	Quarterly	Dec 2028	(1,044)	31,278	30,234
Centrally cleared	CDX.NA.HY41	3.944%	4,761,900	USD	4,761,900	5.000%	Quarterly	Dec 2028	166,921	182,269	349,190
Centrally cleared	Delta Air Lines, Inc.	1.533%	1,285,500	USD	1,285,500	5.000%	Quarterly	Dec 2028	186,184	14,347	200,531
Centrally cleared	Nabors Industries, Inc.	5.902%	1,283,000	USD	1,283,000	1.000%	Quarterly	Dec 2028	(260,242)	29,694	(230,548)
Centrally cleared	Nordstrom, Inc.	3.453%	850,000	USD	850,000	1.000%	Quarterly	Dec 2028	(115,040)	32,070	(82,970)
Centrally cleared	Ford Motor Credit Company LLC	1.187%	1,430,000	USD	1,430,000	5.000%	Quarterly	Jun 2029	218,142	14,299	232,441
					\$11,010,400				\$177,760	\$331,711	\$509,471

Derivatives Currency Abbreviations

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

Derivatives Abbreviations

BNP	BNP Paribas
JPM	JPMorgan Chase Bank, N.A.
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 - 94.5%		
Australia - 4.4%		
Ampol, Ltd.	31,585	\$ 809,679
ANZ Group Holdings, Ltd.	403,354	7,476,445
APA Group	171,342	874,748

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
Aristocrat Leisure, Ltd.	78,276	\$ 2,378,296
ASX, Ltd.	26,066	1,116,849

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Australia (continued)		
Aurizon Holdings, Ltd.	247,872	\$ 614,333
BHP Group, Ltd.	681,676	19,541,165
BlueScope Steel, Ltd.	60,658	902,015
Brambles, Ltd.	186,344	1,829,712
carsales.com, Ltd.	48,076	1,151,789
Cochlear, Ltd.	8,766	1,998,242
Coles Group, Ltd.	179,333	1,972,532
Commonwealth Bank of Australia	225,654	17,117,341
Computershare, Ltd.	72,640	1,227,618
CSL, Ltd.	64,976	12,096,231
Dexus	147,233	705,075
EBOS Group, Ltd.	16,307	367,543
Endeavour Group, Ltd.	191,753	686,454
Fortescue, Ltd.	227,431	3,838,590
Goodman Group	230,561	4,488,473
IDP Education, Ltd.	35,486	440,797
IGO, Ltd.	90,018	464,301
Insurance Australia Group, Ltd.	331,347	1,337,539
Macquarie Group, Ltd.	49,709	6,312,031
Medibank Private, Ltd.	371,516	868,224
Mineral Resources, Ltd.	23,588	1,023,585
Mirvac Group	533,509	756,706
National Australia Bank, Ltd.	420,787	9,349,530
Northern Star Resources, Ltd.	153,379	1,274,991
Orica, Ltd.	61,543	685,833
Origin Energy, Ltd.	230,170	1,344,636
Pilbara Minerals, Ltd.	381,392	1,041,505
Qantas Airways, Ltd. (A)	115,460	385,945
QBE Insurance Group, Ltd.	203,542	2,290,865
Ramsay Health Care, Ltd.	24,462	872,680
REA Group, Ltd.	7,064	893,381
Reece, Ltd.	30,486	533,811
Rio Tinto, Ltd.	50,265	4,047,791
Santos, Ltd.	432,554	1,991,714
Scentre Group	698,926	1,414,531
SEEK, Ltd.	47,585	814,880
Sonic Healthcare, Ltd.	60,498	1,174,012
South32, Ltd.	606,090	1,161,074
Stockland	322,491	942,262
Suncorp Group, Ltd.	174,506	1,737,917
Telstra Group, Ltd.	546,390	1,357,624
The GPT Group	261,598	739,857
The Lottery Corp., Ltd.	296,967	982,589
Transurban Group	414,418	3,651,947
Treasury Wine Estates, Ltd.	107,096	859,806
Vicinity, Ltd.	521,720	658,846
Washington H. Soul Pattinson & Company, Ltd.	31,312	704,357
Wesfarmers, Ltd.	152,485	6,618,427
Westpac Banking Corp.	471,352	8,088,057
WiseTech Global, Ltd.	22,402	1,381,831
Woodside Energy Group, Ltd.	254,507	5,021,123
Woolworths Group, Ltd.	163,966	3,480,607
		157,898,742
Austria - 0.1%		
Erste Group Bank AG	49,670	1,985,966
OMV AG	20,961	923,668
Verbund AG	9,697	701,966
voestalpine AG	16,838	460,009
		4,071,609
Belgium - 0.5%		
Ageas SA/NV	23,745	1,009,154
Anheuser-Busch InBev SA/NV	120,677	7,293,791

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Belgium (continued)		
D'ieteren Group	3,044	\$ 588,160
Elia Group SA/NV	4,030	448,287
Groupe Bruxelles Lambert NV	12,395	932,202
KBC Group NV	34,434	2,425,633
Lotus Bakeries NV	57	536,379
Sofina SA	2,150	492,092
Syensqo SA (A)	10,361	925,081
UCB SA	17,499	2,019,027
Umicore SA	29,125	609,510
Warehouses De Pauw CVA	24,348	652,157
		17,931,473
Brazil - 1.0%		
Ambev SA	635,600	1,608,467
Atacadao SA	84,500	205,509
B3 SA - Brasil Bolsa Balcao	785,460	2,027,208
Banco Bradesco SA	207,738	514,006
Banco BTG Pactual SA	160,300	1,173,446
Banco do Brasil SA	115,500	1,344,336
Banco Santander Brasil SA	48,400	278,457
BB Seguridade Participacoes SA	95,800	642,508
CCR SA	133,800	370,897
Centrais Eletricas Brasileiras SA	161,800	1,415,844
Cia de Saneamento Basico do Estado de Sao Paulo	46,100	734,098
Cia Siderurgica Nacional SA	88,700	300,122
Cosan SA	163,600	559,474
CPFL Energia SA	28,900	205,743
Energisa SA	28,100	287,382
Eneva SA (A)	113,500	292,934
Engie Brasil Energia SA	25,625	216,604
Equatorial Energia SA	138,200	950,228
Hapvida Participacoes e Investimentos SA (A)(B)	658,309	486,008
Hypera SA	51,100	337,987
JBS SA	104,000	482,436
Klabin SA	100,000	454,024
Localiza Rent a Car SA	122,145	1,302,264
Lojas Renner SA	129,342	411,097
Magazine Luiza SA (A)	403,100	172,719
Natura & Company Holding SA (A)	120,000	393,716
Petroleo Brasileiro SA	489,300	4,057,240
PRIO SA	106,700	938,194
Raia Drogasil SA	171,664	919,943
Rede D'Or Sao Luiz SA (B)	76,000	387,101
Rumo SA	174,300	796,624
Sendas Distribuidora SA	181,700	519,028
Suzano SA	106,427	1,206,405
Telefonica Brasil SA	56,300	617,011
TIM SA	114,200	417,415
TOTVS SA	70,500	435,245
Ultrapar Participacoes SA	97,300	574,667
Vale SA	456,338	6,149,561
Vibra Energia SA	155,400	808,401
WEG SA	224,040	1,653,563
		36,647,912
Canada - 7.2%		
Agnico Eagle Mines, Ltd.	68,275	3,274,524
Air Canada (A)	26,357	351,906
Algonquin Power & Utilities Corp.	91,185	532,806
Alimentation Couche-Tard, Inc.	106,586	6,610,429
AltaGas, Ltd.	39,911	855,477
ARC Resources, Ltd.	83,107	1,416,398
Atco, Ltd., Class I	974	26,676

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
Bank of Montreal	99,437	\$ 9,000,362
Barrick Gold Corp.	240,977	3,513,933
BCE, Inc.	12,236	454,043
Brookfield Asset Management, Ltd., Class A	49,775	2,028,556
Brookfield Corp. (A)	193,094	7,967,626
Brookfield Reinsurance, Ltd. (A)	790	32,179
BRP, Inc.	4,921	324,815
CAE, Inc. (A)	45,422	848,096
Cameco Corp.	59,503	2,411,425
Canadian Apartment Properties REIT	12,799	449,000
Canadian Imperial Bank of Commerce	127,792	6,047,086
Canadian National Railway Company	77,022	9,986,782
Canadian Natural Resources, Ltd.	149,921	10,443,600
Canadian Pacific Kansas City, Ltd.	128,182	10,883,404
Canadian Tire Corp., Ltd., Class A	7,599	773,254
Canadian Utilities, Ltd., Class A	19,977	449,838
CCL Industries, Inc., Class B	21,102	1,075,663
Cenovus Energy, Inc.	195,396	3,405,014
CGI, Inc. (A)	29,180	3,350,276
CI Financial Corp.	2,662	33,188
Constellation Software, Inc.	2,767	7,703,500
Dollarama, Inc.	39,123	3,026,292
Element Fleet Management Corp.	54,739	913,560
Emera, Inc.	39,279	1,377,652
Empire Company, Ltd., Class A	20,744	525,650
Enbridge, Inc. (C)	293,389	10,084,808
Fairfax Financial Holdings, Ltd.	2,987	3,188,254
First Capital Real Estate Investment Trust	1,903	21,790
First Quantum Minerals, Ltd.	81,234	769,154
FirstService Corp.	5,747	945,758
Fortis, Inc.	68,656	2,647,289
Franco-Nevada Corp.	26,396	2,763,591
George Weston, Ltd.	8,749	1,145,947
GFL Environmental, Inc.	32,381	1,167,448
Gildan Activewear, Inc.	24,585	856,123
Great-West Lifeco, Inc. (C)	43,112	1,327,843
Hydro One, Ltd. (B)	47,619	1,419,289
iA Financial Corp., Inc.	15,219	943,765
IGM Financial, Inc.	15,108	396,861
Imperial Oil, Ltd.	27,641	1,729,561
Intact Financial Corp.	25,076	4,169,879
Ivanhoe Mines, Ltd., Class A (A)	85,300	906,959
Keyera Corp.	32,420	797,630
Kinross Gold Corp.	169,954	831,518
Loblaw Companies, Ltd.	21,882	2,332,102
Lundin Mining Corp.	92,860	734,177
Magna International, Inc.	38,401	2,115,924
MEG Energy Corp. (A)	39,844	852,867
Metro, Inc.	32,515	1,760,456
National Bank of Canada	47,372	3,697,540
Northland Power, Inc.	35,674	604,577
Nutrien, Ltd.	68,095	3,554,397
Onex Corp.	9,899	737,201
Open Text Corp.	37,942	1,459,082
Pan American Silver Corp.	50,512	626,771
Parkland Corp.	19,698	630,063
Pembina Pipeline Corp.	77,112	2,683,565
Power Corp. of Canada	83,132	2,401,802
Quebecor, Inc., Class B	22,265	520,717
Restaurant Brands International, Inc.	39,961	3,102,892
RioCan Real Estate Investment Trust	26,025	342,871
Rogers Communications, Inc., Class B	49,657	2,197,546
Royal Bank of Canada	192,147	18,660,409

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Canada (continued)		
Saputo, Inc.	35,829	\$ 728,909
Shopify, Inc., Class A (A)	164,588	12,574,977
SmartCentres Real Estate Investment Trust (C)	1,819	31,109
Stantec, Inc.	15,660	1,307,587
Sun Life Financial, Inc. (C)	84,305	4,477,548
Suncor Energy, Inc.	178,897	6,146,680
TC Energy Corp. (C)	141,716	5,605,360
Teck Resources, Ltd., Class B	63,457	2,438,406
TELUS Corp.	68,982	1,203,112
TFI International, Inc.	11,305	1,670,323
The Bank of Nova Scotia	167,166	8,106,101
The Descartes Systems Group, Inc. (A)	12,112	1,049,799
The Toronto-Dominion Bank	249,912	15,005,953
Thomson Reuters Corp.	22,133	3,493,920
TMX Group, Ltd.	40,612	1,065,311
Toromont Industries, Ltd.	11,790	1,082,875
Tourmaline Oil Corp.	44,480	2,013,014
West Fraser Timber Company, Ltd.	7,980	642,210
Wheaton Precious Metals Corp.	62,687	2,583,417
WSP Global, Inc.	17,372	2,757,452
		259,205,499
Chile - 0.1%		
Antofagasta PLC	50,258	1,154,697
Banco de Chile	5,794,156	671,870
Banco de Credito e Inversiones SA	9,805	271,904
Banco Santander Chile	8,327,738	405,020
Cencosud SA	164,274	294,915
Cia Sud Americana de Vapores SA	1,931,976	134,825
Empresas CMPC SA	149,360	265,148
Empresas COPEC SA	49,252	316,106
Enel Americas SA	2,746,275	280,132
Enel Chile SA	3,662,520	219,966
Falabella SA (A)	111,554	282,935
Latam Airlines Group SA (A)	23,068,303	290,065
		4,587,583
China - 5.6%		
360 Security Technology, Inc., Class A (A)	53,100	64,675
37 Interactive Entertainment Network Technology Group Company, Ltd., Class A	16,700	45,063
3Peak, Inc., Class A	645	9,864
3SBio, Inc. (A)(B)	227,219	149,916
AAC Technologies Holdings, Inc.	88,644	220,382
Accelink Technologies Company, Ltd., Class A	4,900	20,393
ACM Research Shanghai, Inc., Class A	1,440	19,640
Advanced Micro-Fabrication Equipment, Inc., Class A	4,565	93,293
AECC Aero-Engine Control Company, Ltd., Class A	13,400	32,931
AECC Aviation Power Company, Ltd., Class A	23,200	110,960
Agricultural Bank of China, Ltd., Class A	641,900	373,555
Agricultural Bank of China, Ltd., H Shares	3,467,544	1,422,545
Aier Eye Hospital Group Company, Ltd., Class A	69,784	141,747
Aima Technology Group Company, Ltd., Class A	5,600	25,639
Air China, Ltd., Class A (A)	91,300	94,729
Air China, Ltd., H Shares (A)	203,953	109,214
Akeso, Inc. (A)(B)	61,504	368,804
Alibaba Group Holding, Ltd.	1,995,483	18,345,838

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Aluminum Corp. of China, Ltd., A Shares	96,800	\$ 81,100
Aluminum Corp. of China, Ltd., H Shares	470,805	234,599
Amlogic Shanghai Company, Ltd., Class A	2,890	22,452
Angel Yeast Company, Ltd., Class A	7,200	33,622
Anhui Conch Cement Company, Ltd., Class A	31,200	103,756
Anhui Conch Cement Company, Ltd., H Shares	146,939	319,737
Anhui Gujing Distillery Company, Ltd., B Shares	12,500	176,730
Anhui Gujing Distillery Company, Ltd., Class A	3,200	97,168
Anhui Honglu Steel Construction Group Company, Ltd., Class A	4,540	11,101
Anhui Jianghuai Automobile Group Corp. Ltd., Class A (A)	16,800	36,039
Anhui Kouzi Distillery Company, Ltd., Class A	4,600	27,205
Anhui Yingjia Distillery Company, Ltd., Class A	5,200	46,065
Anjoy Foods Group Company, Ltd., Class A	1,600	19,379
Anker Innovations Technology Company, Ltd., Class A	2,400	27,313
ANTA Sports Products, Ltd.	155,483	1,515,813
Apeloa Pharmaceutical Company, Ltd., Class A	8,500	16,506
Asia - Potash International Investment Guangzhou Company, Ltd., Class A (A)	6,100	19,112
ASR Microelectronics Company, Ltd., Class A (A)	2,931	20,860
Asymchem Laboratories Tianjin Company, Ltd., Class A	2,240	31,496
Autobio Diagnostics Company, Ltd., Class A	4,400	40,581
Autohome, Inc., ADR	8,164	212,182
Avary Holding Shenzhen Company, Ltd., Class A	13,800	40,392
AVIC Airborne Systems Company, Ltd.	28,980	47,725
AVIC Industry-Finance Holdings Company, Ltd., Class A	65,200	30,047
AviChina Industry & Technology Company, Ltd., H Shares	336,295	137,985
AVICOPTER PLC, Class A	7,600	38,479
BAIC BluePark New Energy Technology Company, Ltd., Class A (A)	34,000	28,036
Baidu, Inc., Class A (A)	276,235	3,495,312
Bank of Beijing Company, Ltd., Class A	183,600	132,216
Bank of Changsha Company, Ltd., Class A	39,000	42,158
Bank of Chengdu Company, Ltd., Class A	31,300	57,490
Bank of China, Ltd., Class A	245,200	152,216
Bank of China, Ltd., H Shares	9,887,899	3,879,039
Bank of Communications Company, Ltd., Class A	317,500	276,409
Bank of Communications Company, Ltd., H Shares	1,091,090	714,823
Bank of Hangzhou Company, Ltd., Class A	46,900	72,195
Bank of Jiangsu Company, Ltd., Class A	147,900	157,537
Bank of Nanjing Company, Ltd., Class A	82,700	100,520
Bank of Ningbo Company, Ltd., Class A	50,700	156,559
Bank of Shanghai Company, Ltd., Class A	118,000	107,103
Bank of Suzhou Company, Ltd., Class A	35,700	35,162
Baoshan Iron & Steel Company, Ltd., Class A	159,800	147,932

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Beijing Dabeinong Technology Group Company, Ltd., Class A	29,500	\$ 21,589
Beijing Easpring Material Technology Company, Ltd., Class A	2,400	11,616
Beijing E-Hualu Information Technology Company, Ltd., Class A (A)	4,800	17,253
Beijing Enlight Media Company, Ltd., Class A	22,200	27,927
Beijing Kingsoft Office Software, Inc., Class A	3,246	122,332
Beijing New Building Materials PLC, Class A	12,500	48,757
Beijing Oriental Yuhong Waterproof Technology Company, Ltd., Class A	9,400	22,515
Beijing Roborock Technology Company, Ltd., Class A	708	32,080
Beijing Shiji Information Technology Company, Ltd., Class A (A)	12,850	14,406
Beijing Tiantan Biological Products Corp., Ltd., Class A	12,500	49,179
Beijing Tongrentang Company, Ltd., Class A	10,600	65,590
Beijing United Information Technology Company, Ltd., Class A	5,208	15,215
Beijing Wantai Biological Pharmacy Enterprise Company, Ltd., Class A	5,769	59,294
Beijing Yanjing Brewery Company, Ltd., Class A	24,200	29,389
Beijing-Shanghai High Speed Railway Company, Ltd., Class A	353,800	248,353
Beiqi Foton Motor Company, Ltd., Class A (A)	57,600	22,794
Bethel Automotive Safety Systems Company, Ltd., Class A	3,000	26,235
Betta Pharmaceuticals Company, Ltd., Class A	2,700	16,200
BGI Genomics Company, Ltd., Class A	2,000	12,275
Bilibili, Inc., Class Z (A)(C)	23,733	230,145
Bloomage Biotechnology Corp., Ltd., Class A	2,856	25,356
BOC International China Company, Ltd., Class A	21,400	32,429
BOE Technology Group Company, Ltd., Class A	265,800	147,311
BTG Hotels Group Company, Ltd., Class A (A)	7,700	16,310
BYD Company, Ltd., Class A	13,200	349,284
BYD Company, Ltd., H Shares	127,472	3,139,644
BYD Electronic International Company, Ltd.	96,801	365,508
By-health Company, Ltd., Class A	10,200	23,939
Caitong Securities Company, Ltd., Class A	44,200	48,999
Cambricon Technologies Corp., Ltd., Class A (A)	2,837	66,520
Canmax Technologies Company, Ltd., Class A	5,660	17,950
Cathay Biotech, Inc., Class A	3,126	20,953
CECEP Solar Energy Company, Ltd., Class A	38,500	29,058
CECEP Wind-Power Corp., Class A	22,100	9,211
CETC Cyberspace Security Technology Company, Ltd., Class A	5,700	16,132
CGN Power Company, Ltd., Class A	101,400	54,379
CGN Power Company, Ltd., H Shares (B)	1,324,089	402,103

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Changchun High & New Technology Industry Group, Inc., Class A	2,800	\$ 50,083
Changjiang Securities Company, Ltd., Class A	61,500	47,007
Changzhou Xingyu Automotive Lighting Systems Company, Ltd., Class A	2,000	39,055
Chaozhou Three-Circle Group Company, Ltd., Class A	13,800	48,648
Chengxin Lithium Group Company, Ltd., Class A	6,400	19,473
Chifeng Jilong Gold Mining Company, Ltd., Class A (A)	9,800	17,554
China Baoan Group Company, Ltd., Class A	23,300	38,509
China Cinda Asset Management Company, Ltd., H Shares	1,324,408	126,815
China CITIC Bank Corp., Ltd., H Shares	1,128,061	599,777
China Coal Energy Company, Ltd., H Shares	251,593	270,945
China Communications Services Corp., Ltd., H Shares	312,874	132,902
China Construction Bank Corp., Class A	87,200	84,772
China Construction Bank Corp., H Shares	11,818,124	7,329,083
China CSSC Holdings, Ltd., Class A	32,700	161,449
China Eastern Airlines Corp., Ltd., Class A (A)	94,800	50,136
China Energy Engineering Corp., Ltd., Class A	248,700	75,286
China Everbright Bank Company, Ltd., Class A	390,400	174,594
China Everbright Bank Company, Ltd., H Shares	405,138	126,666
China Feihe, Ltd. (B)	431,868	214,807
China Film Company, Ltd., Class A (A)	14,000	23,550
China Galaxy Securities Company, Ltd., Class A	34,600	58,423
China Galaxy Securities Company, Ltd., H Shares	444,020	233,304
China Great Wall Securities Company, Ltd., Class A	40,700	44,731
China Greatwall Technology Group Company, Ltd., Class A	27,000	38,935
China Hongqiao Group, Ltd.	285,832	221,200
China Huishan Dairy Holdings Company, Ltd. (A)(D)	175,000	0
China International Capital Corp., Ltd., Class A	19,300	93,752
China International Capital Corp., Ltd., H Shares (B)	182,449	228,711
China Jushi Company, Ltd., Class A	30,600	42,556
China Life Insurance Company, Ltd., Class A	20,700	87,041
China Life Insurance Company, Ltd., H Shares	927,911	1,137,424
China Literature, Ltd. (A)(B)	48,450	148,533
China Longyuan Power Group Corp., Ltd., H Shares	411,016	289,648
China Meheco Company, Ltd., Class A	11,760	18,524
China Mengniu Dairy Company, Ltd. (A)	384,329	960,954
China Merchants Bank Company, Ltd., Class A	154,900	687,203
China Merchants Bank Company, Ltd., H Shares	475,887	1,840,265

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
China Merchants Energy Shipping Company, Ltd., Class A	58,700	\$ 58,738
China Merchants Securities Company, Ltd., Class A	61,300	120,155
China Merchants Shekou Industrial Zone Holdings Company, Ltd., Class A	67,700	88,495
China Minsheng Banking Corp., Ltd., Class A	277,800	155,925
China Minsheng Banking Corp., Ltd., H Shares	811,767	285,696
China National Building Material Company, Ltd., H Shares	483,361	181,796
China National Chemical Engineering Company, Ltd., Class A	56,700	54,975
China National Medicines Corp., Ltd., Class A	6,700	29,312
China National Nuclear Power Company, Ltd., Class A	137,600	165,950
China National Software & Service Company, Ltd., Class A	6,060	27,117
China Northern Rare Earth Group High-Tech Company, Ltd., Class A	22,600	59,217
China Oilfield Services, Ltd., H Shares	215,334	189,492
China Pacific Insurance Group Company, Ltd., Class A	54,500	193,340
China Pacific Insurance Group Company, Ltd., H Shares	328,163	622,477
China Petroleum & Chemical Corp., Class A	219,200	190,030
China Petroleum & Chemical Corp., H Shares	3,055,946	1,683,684
China Railway Group, Ltd., Class A	166,200	146,469
China Railway Group, Ltd., H Shares	501,115	244,087
China Railway Signal & Communication Corp., Ltd., Class A	50,493	34,235
China Rare Earth Resources and Technology Company, Ltd., Class A	5,200	20,154
China Resources Microelectronics, Ltd., Class A	8,612	51,210
China Resources Mixc Lifestyle Services, Ltd. (B)	79,681	240,144
China Resources Pharmaceutical Group, Ltd. (B)	196,250	132,731
China Resources Sanjiu Medical & Pharmaceutical Company, Ltd., Class A	7,300	55,818
China Shenhua Energy Company, Ltd., Class A	45,500	243,534
China Shenhua Energy Company, Ltd., H Shares	416,502	1,602,572
China Southern Airlines Company, Ltd., Class A (A)	78,200	64,238
China Southern Airlines Company, Ltd., H Shares (A)(C)	205,872	76,408
China State Construction Engineering Corp., Ltd., Class A	324,700	241,073
China Three Gorges Renewables Group Company, Ltd., Class A	182,500	117,138
China Tourism Group Duty Free Corp., Ltd., Class A	14,800	178,547
China Tourism Group Duty Free Corp., Ltd., H Shares (B)	13,436	131,569
China Tower Corp., Ltd., H Shares (B)	5,514,852	668,445
China United Network Communications, Ltd., Class A	239,900	159,921

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
China Vanke Company, Ltd., Class A	74,000	\$ 102,999
China Vanke Company, Ltd., H Shares	261,223	201,398
China XD Electric Company, Ltd., Class A	39,600	29,546
China Yangtze Power Company, Ltd., Class A	178,800	622,374
China Zhenhua Group Science & Technology Company, Ltd., Class A	3,400	27,087
China Zheshang Bank Company, Ltd., Class A	208,200	80,394
Chinasoft International, Ltd. (A)(C)	329,998	214,640
Chongqing Brewery Company, Ltd., Class A	3,400	30,861
Chongqing Changan Automobile Company, Ltd., Class A	62,110	128,355
Chongqing Rural Commercial Bank Company, Ltd., Class A	90,400	56,261
Chongqing Taiji Industry Group Company, Ltd., Class A (A)	4,500	23,681
Chongqing Zhifei Biological Products Company, Ltd., Class A	17,950	133,342
CITIC Securities Company, Ltd., Class A	96,800	286,137
CITIC Securities Company, Ltd., H Shares	225,842	417,459
CITIC, Ltd.	725,235	729,566
CMOC Group, Ltd., Class A	131,800	112,391
CMOC Group, Ltd., H Shares	444,272	274,075
CNGR Advanced Material Company, Ltd., Class A	4,400	28,991
CNPC Capital Company, Ltd., Class A	71,200	61,243
Contemporary Amperex Technology Company, Ltd., Class A	32,320	732,332
COSCO SHIPPING Development Company, Ltd., Class A	75,100	25,669
COSCO SHIPPING Energy Transportation Company, Ltd., Class A	26,800	51,208
COSCO SHIPPING Energy Transportation Company, Ltd., H Shares	155,224	146,861
COSCO SHIPPING Holdings Company, Ltd., Class A	91,700	133,832
COSCO SHIPPING Holdings Company, Ltd., H Shares	376,991	405,846
Country Garden Holdings Company, Ltd. (A)(C)	1,547,443	125,750
Country Garden Services Holdings Company, Ltd.	261,430	198,997
CRRC Corp., Ltd., Class A	179,900	159,489
CRRC Corp., Ltd., H Shares	547,773	282,022
CSC Financial Company, Ltd., Class A	32,200	104,038
CSPC Pharmaceutical Group, Ltd.	1,101,785	858,125
CSSC Science & Technology Company, Ltd., Class A	11,700	28,520
Daqin Railway Company, Ltd., Class A	119,400	123,830
Daqo New Energy Corp., ADR (A)	7,152	152,195
DaShenLin Pharmaceutical Group Company, Ltd., Class A	8,404	27,757
Datang International Power Generation Company, Ltd., Class A	60,100	21,455
DHC Software Company, Ltd., Class A	26,600	21,313
Do-Fluoride New Materials Company, Ltd., Class A	6,840	12,573
Dong-E-E-Jiao Company, Ltd., Class A	4,800	38,812
Dongfang Electric Corp., Ltd., Class A	21,500	48,844
Dongfeng Motor Group Company, Ltd., H Shares	309,965	132,590

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Dongxing Securities Company, Ltd., Class A	35,500	\$ 41,843
East Buy Holding, Ltd. (A)(B)(C)	56,365	173,744
East Money Information Company, Ltd., Class A	120,656	234,800
Eastroc Beverage Group Company, Ltd., Class A	2,000	49,710
Ecovacs Robotics Company, Ltd., Class A	3,600	18,645
Empyrean Technology Company, Ltd., Class A	2,400	30,338
ENN Energy Holdings, Ltd.	97,077	788,249
ENN Natural Gas Company, Ltd., Class A	17,400	45,268
Eoptolink Technology, Inc., Ltd., Class A	4,600	38,478
Eve Energy Company, Ltd., Class A	14,500	77,080
Everbright Securities Company, Ltd., Class A	31,100	73,001
Everdisplay Optonics Shanghai Company, Ltd., Class A (A)	13,403	4,453
Fangda Carbon New Material Company, Ltd., Class A (A)	8,200	5,609
Farasis Energy Gan Zhou Company, Ltd., Class A (A)	5,238	9,828
FAW Jiefang Group Company, Ltd., Class A (A)	14,500	17,643
First Capital Securities Company, Ltd., Class A	40,600	32,293
Flat Glass Group Company, Ltd., Class A	9,700	29,405
Flat Glass Group Company, Ltd., H Shares	52,745	97,513
Focus Media Information Technology Company, Ltd., Class A	101,100	88,306
Foshan Haitian Flavouring & Food Company, Ltd., Class A	33,844	190,558
Fosun International, Ltd.	302,435	174,486
Founder Securities Company, Ltd., Class A	73,100	77,426
Foxconn Industrial Internet Company, Ltd., Class A	96,800	251,477
Fujian Sunner Development Company, Ltd., Class A	7,200	16,266
Fuyao Glass Industry Group Company, Ltd., Class A	14,400	86,626
Fuyao Glass Industry Group Company, Ltd., H Shares (B)	73,974	370,789
Galaxycore, Inc., Class A	12,302	33,754
Ganfeng Lithium Group Company, Ltd., Class A	10,160	56,444
Ganfeng Lithium Group Company, Ltd., H Shares (B)	50,354	166,814
G-bits Network Technology Xiamen Company, Ltd., Class A	500	15,079
GD Power Development Company, Ltd., Class A	123,200	80,155
GDS Holdings, Ltd., Class A (A)	111,178	94,209
GEM Company, Ltd., Class A	24,800	18,465
Gemdale Corp., Class A	28,200	16,846
Genscript Biotech Corp. (A)	144,044	291,205
GF Securities Company, Ltd., Class A	53,600	105,495
GF Securities Company, Ltd., H Shares	125,145	134,374
Giant Network Group Company, Ltd., Class A	18,000	28,261
GigaDevice Semiconductor, Inc., Class A	4,700	47,843
Ginlong Technologies Company, Ltd., Class A	2,800	25,320
GoerTek, Inc., Class A	24,800	57,409

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Goldwind Science & Technology Company, Ltd., Class A	23,800	\$ 25,259
Goneo Group Company, Ltd., Class A	2,500	35,405
GoodWe Technologies Company, Ltd., Class A	920	13,853
Gotion High-tech Company, Ltd., Class A (A)	12,300	33,824
Great Wall Motor Company, Ltd., Class A	17,200	55,868
Great Wall Motor Company, Ltd., H Shares	280,749	316,869
Gree Electric Appliances, Inc. of Zhuhai, Class A	21,400	116,022
Greenland Holdings Corp., Ltd., Class A (A)	85,200	26,030
Greentown China Holdings, Ltd.	134,401	107,466
GRG Banking Equipment Company, Ltd., Class A	18,700	29,955
Guangdong Haid Group Company, Ltd., Class A	12,000	71,824
Guangdong HEC Technology Holding Company, Ltd., Class A (A)	22,300	23,214
Guanghui Energy Company, Ltd., Class A	46,600	48,510
Guangzhou Automobile Group Company, Ltd., Class A	36,500	45,133
Guangzhou Automobile Group Company, Ltd., H Shares	346,155	149,781
Guangzhou Baiyun International Airport Company, Ltd., Class A (A)	15,400	21,649
Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., Class A	12,200	50,192
Guangzhou Haige Communications Group, Inc. Company, Class A	26,200	42,068
Guangzhou Kingmed Diagnostics Group Company, Ltd., Class A	3,100	25,896
Guangzhou Shiyuan Electronic Technology Company, Ltd., Class A	3,400	18,514
Guangzhou Tinci Materials Technology Company, Ltd., Class A	14,000	40,153
Guangzhou Yuexiu Capital Holdings Group Company, Ltd., Class A	35,345	30,224
Guolian Securities Company, Ltd., Class A (A)	20,000	30,447
Guosen Securities Company, Ltd., Class A	59,000	70,627
Guotai Junan Securities Company, Ltd., Class A	68,600	143,772
Guoyuan Securities Company, Ltd., Class A	49,200	47,656
H World Group, Ltd., ADR	25,402	928,697
Haidilao International Holding, Ltd. (B)	202,816	368,836
Haier Smart Home Company, Ltd., Class A	45,800	152,835
Haier Smart Home Company, Ltd., H Shares	296,786	898,858
Hainan Airlines Holding Company, Ltd., Class A (A)	207,500	41,264
Hainan Airport Infrastructure Company, Ltd., Class A (A)	68,600	35,724
Haitian International Holdings, Ltd.	75,963	192,343
Haitong Securities Company, Ltd., Class A	88,900	112,822
Haitong Securities Company, Ltd., H Shares	330,771	164,192
Hang Zhou Great Star Industrial Company, Ltd., Class A	8,200	24,744
Hangzhou Binjiang Real Estate Group Company, Ltd., Class A	26,000	27,258

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Hangzhou Chang Chuan Technology Company, Ltd., Class A	5,100	\$ 20,501
Hangzhou First Applied Material Company, Ltd., Class A	12,808	49,467
Hangzhou Lion Microelectronics Company, Ltd., Class A	3,700	12,172
Hangzhou Oxygen Plant Group Company, Ltd., Class A	6,600	25,672
Hangzhou Robam Appliances Company, Ltd., Class A	8,400	29,125
Hangzhou Silan Microelectronics Company, Ltd., Class A	10,100	29,306
Hangzhou Tigermed Consulting Company, Ltd., A Shares	2,500	15,636
Hansoh Pharmaceutical Group Company, Ltd. (B)	145,299	256,095
Haohua Chemical Science & Technology Company, Ltd., Class A	4,000	18,939
Hebei Hengshui Laobaigan Liquor Company, Ltd., Class A	6,900	18,048
Hebei Yangyuan Zhihui Beverage Company, Ltd., Class A	9,100	31,710
Heilongjiang Agriculture Company, Ltd., Class A	14,400	24,856
Henan Shenhua Coal & Power Company, Ltd., Class A	18,500	47,305
Henan Shuanghui Investment & Development Company, Ltd., Class A	24,700	100,172
Hengan International Group Company, Ltd.	77,190	237,915
Hengdian Group DMEGC Magnetics Company, Ltd., Class A	11,100	22,138
Hengli Petrochemical Company, Ltd., Class A (A)	50,800	89,906
Hengtong Optic-electric Company, Ltd., Class A	18,100	30,758
Hengyi Petrochemical Company, Ltd., Class A (A)	21,200	20,357
Hesteel Company, Ltd., Class A	97,900	29,632
Hisense Visual Technology Company, Ltd., Class A	11,700	42,034
Hithink RoyalFlush Information Network Company, Ltd., Class A	4,400	83,642
HLA Group Corp., Ltd., Class A	29,200	34,974
Hongfa Technology Company, Ltd., Class A	3,520	12,160
Hoshine Silicon Industry Company, Ltd., Class A	5,400	39,735
Hoymiles Power Electronics, Inc., Class A	443	14,311
Hoyuan Green Energy Company, Ltd., Class A	2,734	10,570
Hua Hong Semiconductor, Ltd. (A)(B)	73,732	158,025
Huadian Power International Corp., Ltd., Class A	57,400	49,332
Huadong Medicine Company, Ltd., Class A	14,000	65,310
Huafon Chemical Company, Ltd., Class A	32,200	30,515
Huagong Tech Company, Ltd., Class A	6,900	30,451
Huaibei Mining Holdings Company, Ltd., Class A	16,500	43,344
Hualan Biological Engineering, Inc., Class A	12,400	33,947
Huaneng Power International, Inc., Class A (A)	62,600	76,732

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Huaneng Power International, Inc., H Shares (A)	514,352	\$ 288,480
Huatai Securities Company, Ltd., Class A	62,100	125,283
Huatai Securities Company, Ltd., H Shares (B)	161,306	190,393
Huaxi Securities Company, Ltd., Class A	21,200	23,158
Huaxia Bank Company, Ltd., Class A	113,100	99,628
Huayu Automotive Systems Company, Ltd., Class A	26,000	63,022
Hubei Feilihua Quartz Glass Company, Ltd., Class A	3,400	14,157
Hubei Jumpcan Pharmaceutical Company, Ltd., Class A	8,100	41,679
Hubei Xingfa Chemicals Group Company, Ltd., Class A	7,300	18,678
Huizhou Desay Sv Automotive Company, Ltd., Class A	3,700	52,580
Humanwell Healthcare Group Company, Ltd., Class A	13,800	42,169
Hunan Valin Steel Company, Ltd., Class A	54,500	43,013
Hundsun Technologies, Inc., Class A	14,300	48,445
Hwatsing Technology Company, Ltd., Class A	1,039	29,147
Hygeia Healthcare Holdings Company, Ltd. (B)	41,602	156,167
Hygon Information Technology Company, Ltd., Class A	14,120	166,975
IEIT Systems Company, Ltd., Class A	11,500	59,640
Iflytek Company, Ltd., Class A	16,500	113,426
Imeik Technology Development Company, Ltd., Class A	1,400	63,680
Industrial & Commercial Bank of China, Ltd., Class A	471,700	349,220
Industrial & Commercial Bank of China, Ltd., H Shares	8,032,826	4,117,730
Industrial Bank Company, Ltd., Class A	157,900	364,922
Industrial Securities Company, Ltd., Class A	75,400	60,842
Ingenic Semiconductor Company, Ltd., Class A	2,800	25,399
Inner Mongolia BaoTou Steel Union Company, Ltd., Class A (A)	305,800	65,456
Inner Mongolia Dian Tou Energy Corp., Ltd., Class A	15,600	35,912
Inner Mongolia Junzheng Energy & Chemical Industry Group Company, Ltd., Class A	69,500	37,543
Inner Mongolia Yili Industrial Group Company, Ltd., Class A	47,100	185,254
Inner Mongolia Yitai Coal Company, Ltd., Class B	135,173	271,515
Inner Mongolia Yuan Xing Energy Company, Ltd., Class A	27,300	22,893
Innovent Biologics, Inc. (A)(B)	148,021	798,233
iQIYI, Inc., ADR (A)	54,526	201,201
IRay Technology Company, Ltd., Class A	527	18,150
Isoftstone Information Technology Group Company, Ltd., Class A (A)	6,450	40,852
JA Solar Technology Company, Ltd., Class A	22,288	58,000
Jason Furniture Hangzhou Company, Ltd., Class A	6,130	31,887
JCET Group Company, Ltd., Class A	14,700	53,454
JD Health International, Inc. (A)(B)	135,008	509,193

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
JD Logistics, Inc. (A)(B)	237,394	\$ 234,403
JD.com, Inc., Class A	287,153	3,240,777
Jiangsu Eastern Shenghong Company, Ltd., Class A	45,500	66,352
Jiangsu Expressway Company, Ltd., H Shares	148,837	152,884
Jiangsu Hengli Hydraulic Company, Ltd., Class A	9,100	71,778
Jiangsu Hengrui Pharmaceuticals Company, Ltd., Class A	46,700	276,108
Jiangsu King's Luck Brewery JSC, Ltd., Class A	9,700	72,161
Jiangsu Nhwa Pharmaceutical Company, Ltd., Class A	7,000	24,486
Jiangsu Pacific Quartz Company, Ltd., Class A	2,500	27,720
Jiangsu Phoenix Publishing & Media Corp., Ltd., Class A	18,800	27,178
Jiangsu Yanghe Brewery Joint-Stock Company, Ltd., Class A	11,300	157,967
Jiangsu Yangnong Chemical Company, Ltd., Class A	1,630	12,380
Jiangsu Yoke Technology Company, Ltd., Class A	4,400	30,794
Jiangsu Yuyue Medical Equipment & Supply Company, Ltd., Class A	7,100	35,283
Jiangsu Zhongtian Technology Company, Ltd., Class A	26,200	47,598
Jiangxi Copper Company, Ltd., Class A	16,000	43,454
Jiangxi Copper Company, Ltd., H Shares	136,515	202,604
Jiangxi Special Electric Motor Company, Ltd., Class A (A)	13,700	19,881
Jinduicheng Molybdenum Company, Ltd., Class A	23,000	32,213
Jinko Solar Company, Ltd., Class A	43,268	53,155
Jiuguai Liquor Company, Ltd., Class A	2,500	21,122
Jizhong Energy Resources Company, Ltd., Class A	24,500	27,682
Joincare Pharmaceutical Group Industry Company, Ltd., Class A	19,100	31,972
Jointown Pharmaceutical Group Company, Ltd., Class A	34,536	39,114
Jonjee Hi-Tech Industrial And Commercial Holding Company, Ltd., Class A (A)	6,000	21,067
Juwei Food Company, Ltd., Class A	4,700	14,673
Juneyao Airlines Company, Ltd., Class A (A)	16,500	30,464
Kanzhun, Ltd., ADR	26,768	418,919
KE Holdings, Inc., ADR	81,094	1,102,067
Keda Industrial Group Company, Ltd., Class A	14,700	24,517
Kingdee International Software Group Company, Ltd. (A)	338,412	363,890
Kingnet Network Company, Ltd., Class A	18,000	31,280
Kingsoft Corp., Ltd.	116,796	324,534
Kuaishou Technology (A)(B)	284,771	1,608,078
Kuang-Chi Technologies Company, Ltd., Class A (A)	20,600	42,469
Kunlun Tech Company, Ltd., Class A (A)	9,100	51,135
Kweichow Moutai Company, Ltd., Class A	9,300	2,185,668
LB Group Company, Ltd., Class A	20,600	53,699
Lenovo Group, Ltd.	890,690	983,971
Lens Technology Company, Ltd., Class A	34,800	58,497

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Lepu Medical Technology Beijing Company, Ltd., Class A	11,800	\$ 24,732
Li Auto, Inc., Class A (A)	140,298	3,201,878
Li Ning Company, Ltd.	289,102	715,270
Liaoning Port Company, Ltd., Class A	164,100	33,737
Lingyi iTech Guangdong Company, Class A	53,800	41,027
Livzon Pharmaceutical Group, Inc., Class A	5,700	30,442
Longfor Group Holdings, Ltd. (B)	243,327	304,768
LONGi Green Energy Technology Company, Ltd., Class A	53,640	158,196
Lufax Holding, Ltd., ADR	26,752	83,466
Luxi Chemical Group Company, Ltd., Class A	12,300	16,973
Luxshare Precision Industry Company, Ltd., Class A	53,100	203,564
Luzhou Laojiao Company, Ltd., Class A	11,100	269,649
Mango Excellent Media Company, Ltd., Class A	13,000	44,720
Maxscend Microelectronics Company, Ltd., Class A	3,800	56,766
Meihua Holdings Group Company, Ltd., Class A	25,300	37,961
Meinian Onehealth Healthcare Holdings Company, Ltd., Class A (A)	21,200	16,388
Meituan, Class B (A)(B)	621,846	6,313,086
Metallurgical Corp. of China, Ltd., Class A	155,500	71,894
Microport Scientific Corp. (A)	95,053	93,022
Ming Yang Smart Energy Group, Ltd., Class A	15,700	22,261
MINISO Group Holding, Ltd.	46,000	211,420
Minth Group, Ltd.	93,559	159,043
Montage Technology Company, Ltd., Class A	9,083	65,981
Muyuan Foods Company, Ltd., Class A	39,300	209,760
Nanjing King-Friend Biochemical Pharmaceutical Company, Ltd., Class A	12,260	24,413
Nanjing Securities Company, Ltd., Class A	32,000	37,043
NARI Technology Company, Ltd., Class A	58,248	187,526
National Silicon Industry Group Company, Ltd., Class A (A)	15,231	32,622
NAURA Technology Group Company, Ltd., Class A	3,700	146,083
NavInfo Company, Ltd., Class A (A)	10,600	10,818
NetEase, Inc.	236,496	5,137,306
New China Life Insurance Company, Ltd., Class A	19,000	86,433
New China Life Insurance Company, Ltd., H Shares	105,017	201,741
New Hope Liuhe Company, Ltd., Class A (A)	24,400	29,991
New Oriental Education & Technology Group, Inc. (A)	182,158	1,711,973
Ninestar Corp., Class A	10,800	35,181
Ningbo Deye Technology Company, Ltd., Class A	3,080	35,830
Ningbo Joyson Electronic Corp., Class A	11,100	25,647
Ningbo Orient Wires & Cables Company, Ltd., Class A	4,400	23,683
Ningbo Ronbay New Energy Technology Company, Ltd., Class A	2,283	9,858
Ningbo Shanshan Company, Ltd., Class A	14,000	22,261

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Ningbo Tuopu Group Company, Ltd., Class A	8,100	\$ 65,912
Ningxia Baofeng Energy Group Company, Ltd., Class A	53,700	113,738
NIO, Inc., ADR (A)(C)	168,856	970,922
Nongfu Spring Company, Ltd., H Shares (B)	245,206	1,386,592
North Industries Group Red Arrow Company, Ltd., Class A	12,500	22,369
Offcn Education Technology Company, Ltd., Class A (A)	35,000	16,988
Offshore Oil Engineering Company, Ltd., Class A	27,500	23,626
OFILM Group Company, Ltd., Class A (A)	21,000	23,781
Oppein Home Group, Inc., Class A	3,300	31,807
Orient Securities Company, Ltd., Class A	68,300	83,530
Oriental Pearl Group Company, Ltd., Class A	29,400	30,194
Ovctek China, Inc., Class A	4,900	14,008
Pangang Group Vanadium Titanium & Resources Company, Ltd., Class A (A)	68,300	30,219
People.cn Company, Ltd., Class A	7,600	28,023
Perfect World Company, Ltd., Class A	17,100	27,778
PetroChina Company, Ltd., Class A	148,200	181,747
PetroChina Company, Ltd., H Shares	2,614,130	2,050,294
Pharmaron Beijing Company, Ltd., Class A	11,725	37,961
PICC Property & Casualty Company, Ltd., H Shares	855,292	1,169,287
Ping An Bank Company, Ltd., Class A	149,900	220,184
Ping An Healthcare and Technology Company, Ltd. (A)(B)(C)	65,616	101,333
Ping An Insurance Group Company of China, Ltd., Class A	80,800	480,125
Ping An Insurance Group Company of China, Ltd., H Shares	823,662	3,662,964
Piotech, Inc., Class A	1,009	29,975
Poly Developments and Holdings Group Company, Ltd., Class A	91,300	123,623
Pop Mart International Group, Ltd. (B)	56,807	141,618
Postal Savings Bank of China Company, Ltd., Class A	217,300	146,225
Postal Savings Bank of China Company, Ltd., H Shares (B)	963,504	506,200
Power Construction Corp. of China, Ltd., Class A	130,200	92,364
Pylon Technologies Company, Ltd., Class A	689	8,104
Qi An Xin Technology Group, Inc., Class A (A)	3,870	18,826
Qifu Technology, Inc., ADR	14,245	220,085
Qinghai Salt Lake Industry Company, Ltd., Class A (A)	34,400	77,201
Range Intelligent Computing Technology Group Company, Ltd., Class A	9,500	34,272
Raytron Technology Company, Ltd., Class A	2,257	12,165
Risen Energy Company, Ltd., Class A	6,600	14,816
Rockchip Electronics Company, Ltd., Class A	1,800	13,466
Rongsheng Petrochemical Company, Ltd., Class A	73,300	104,414
SAIC Motor Corp., Ltd., Class A	63,100	131,034
Sailun Group Company, Ltd., Class A	23,400	46,850

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Sanan Optoelectronics Company, Ltd., Class A	35,400	\$ 61,167
Sangfor Technologies, Inc., Class A (A)	2,300	20,276
Sany Heavy Equipment International Holdings Company, Ltd.	130,354	100,798
Sany Heavy Industry Company, Ltd., Class A	62,500	120,805
Satellite Chemical Company, Ltd., Class A (A)	25,843	59,436
SDIC Capital Company, Ltd., Class A	57,300	54,970
SDIC Power Holdings Company, Ltd., Class A	50,300	100,827
Seazen Holdings Company, Ltd., Class A (A)	17,600	25,341
Seres Group Company, Ltd., Class A (A)	10,700	136,706
SF Holding Company, Ltd., Class A	35,700	189,664
SG Micro Corp., Class A	3,170	31,156
Shaanxi Coal Industry Company, Ltd., Class A	70,300	251,826
Shan Xi Hua Yang Group New Energy Company, Ltd., Class A	24,850	34,936
Shandong Buchang Pharmaceuticals Company, Ltd., Class A	6,700	16,017
Shandong Gold Mining Company, Ltd., Class A	26,000	78,171
Shandong Gold Mining Company, Ltd., H Shares (B)	85,537	135,154
Shandong Himile Mechanical Science & Technology Company, Ltd., Class A	5,600	25,586
Shandong Hualu Hengsheng Chemical Company, Ltd., Class A	16,700	63,727
Shandong Linglong Tyre Company, Ltd., Class A	10,600	32,594
Shandong Nanshan Aluminum Company, Ltd., Class A	94,600	40,750
Shandong Sun Paper Industry JSC, Ltd., Class A	17,600	34,791
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	309,895	202,283
Shanghai Aiko Solar Energy Company, Ltd., Class A	12,240	25,699
Shanghai Bairun Investment Holding Group Company, Ltd., Class A	7,420	20,717
Shanghai Baosight Software Company, Ltd., Class A	13,860	90,157
Shanghai Baosight Software Company, Ltd., Class B	69,268	155,637
Shanghai BOCHU Electronic Technology Corp., Ltd., Class A	776	30,329
Shanghai Construction Group Company, Ltd., Class A	85,800	29,190
Shanghai Electric Group Company, Ltd., Class A (A)	81,000	47,697
Shanghai Electric Power Company, Ltd., Class A	20,000	23,167
Shanghai Fosun Pharmaceutical Group Company, Ltd., Class A	18,100	61,753
Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	56,788	102,325
Shanghai Fudan Microelectronics Group Company, Ltd., Class A	3,068	15,797
Shanghai International Airport Company, Ltd., Class A (A)	7,200	35,129

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Shanghai International Port Group Company, Ltd., Class A	56,800	\$ 42,868
Shanghai Jinjiang International Hotels Company, Ltd., Class A	6,100	24,599
Shanghai Junshi Biosciences Company, Ltd., Class A (A)	4,482	19,581
Shanghai Lingang Holdings Corp., Ltd., Class A	6,600	9,799
Shanghai M&G Stationery, Inc., Class A	5,500	27,206
Shanghai Moons' Electric Company, Ltd., Class A	3,500	28,095
Shanghai Pharmaceuticals Holding Company, Ltd., Class A	24,200	60,904
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	86,596	139,255
Shanghai Pudong Development Bank Company, Ltd., Class A	220,600	218,975
Shanghai Putailai New Energy Technology Company, Ltd., Class A	12,810	33,401
Shanghai RAAS Blood Products Company, Ltd., Class A	52,500	52,468
Shanghai Rural Commercial Bank Company, Ltd., Class A	83,500	74,827
Shanghai United Imaging Healthcare Company, Ltd., Class A	6,032	119,430
Shanghai Yuyuan Tourist Mart Group Company, Ltd., Class A	33,400	30,653
Shanghai Zhangjiang High-Tech Park Development Company, Ltd., Class A	10,300	28,555
Shanxi Coal International Energy Group Company, Ltd., Class A	14,400	36,800
Shanxi Coking Coal Energy Group Company, Ltd., Class A	38,400	62,121
Shanxi Lu'an Environmental Energy Development Company, Ltd., Class A	20,500	73,615
Shanxi Meijin Energy Company, Ltd., Class A (A)	21,200	20,221
Shanxi Securities Company, Ltd., Class A	29,600	22,264
Shanxi Taigang Stainless Steel Company, Ltd., Class A	38,600	20,330
Shanxi Xinghuacun Fen Wine Factory Company, Ltd., Class A	8,900	287,056
Shede Spirits Company, Ltd., Class A	2,800	31,476
Shenergy Company, Ltd., Class A	31,700	33,348
Shenghe Resources Holding Company, Ltd., Class A	3,500	4,399
Shengyi Technology Company, Ltd., Class A	16,700	39,757
Shennan Circuits Company, Ltd., Class A	3,100	30,213
Shenwan Hongyuan Group Company, Ltd., Class A	190,900	121,427
Shenzhen Capchem Technology Company, Ltd., Class A	4,740	26,755
Shenzhen Dynanonic Company, Ltd., Class A	1,640	9,788
Shenzhen Energy Group Company, Ltd., Class A	37,800	34,605
Shenzhen Goodix Technology Company, Ltd., Class A (A)	2,800	24,621
Shenzhen Inovance Technology Company, Ltd., Class A	9,700	85,098
Shenzhen Kaifa Technology Company, Ltd., Class A	15,100	29,895

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Shenzhen Kangtai Biological Products Company, Ltd., Class A	6,420	\$ 21,613
Shenzhen Kedali Industry Company, Ltd., Class A	2,000	20,296
Shenzhen Mindray Bio-Medical Electronics Company, Ltd., Class A	8,800	352,505
Shenzhen New Industries Biomedical Engineering Company, Ltd., Class A	5,500	61,853
Shenzhen Overseas Chinese Town Company, Ltd., Class A (A)	58,800	25,045
Shenzhen Salubris Pharmaceuticals Company, Ltd., Class A	7,600	30,805
Shenzhen SC New Energy Technology Corp., Class A	2,400	21,548
Shenzhen SED Industry Company, Ltd., Class A	9,400	25,941
Shenzhen Senior Technology Material Company, Ltd., Class A	8,285	14,100
Shenzhen Sunlord Electronics Company, Ltd., Class A	4,500	17,149
Shenzhen Transsion Holdings Company, Ltd., Class A	5,943	131,238
Shenzhen YUTO Packaging Technology Company, Ltd., Class A	5,200	19,510
Shenzhou International Group Holdings, Ltd.	101,891	835,760
Shijiazhuang Yiling Pharmaceutical Company, Ltd., Class A	13,500	40,235
Shuangliang Eco-Energy Systems Company, Ltd., Class A	9,700	10,980
Sichuan Changhong Electric Company, Ltd., Class A	38,600	27,598
Sichuan Chuantou Energy Company, Ltd., Class A	29,500	64,205
Sichuan Hebang Biotechnology Company, Ltd., Class A	80,600	27,529
Sichuan Kelun Pharmaceutical Company, Ltd., Class A	13,000	49,502
Sichuan Road and Bridge Group Company, Ltd., Class A	53,100	60,195
Sichuan Swellfun Company, Ltd., Class A	3,300	22,986
Sieyuan Electric Company, Ltd., Class A	5,300	42,124
Silergy Corp.	46,000	606,975
Sinolink Securities Company, Ltd., Class A	40,100	50,634
Sinoma International Engineering Company, Class A	18,000	28,027
Sinoma Science & Technology Company, Ltd., Class A	13,400	29,127
Sinomine Resource Group Company, Ltd., Class A	4,080	21,232
Sinopec Shanghai Petrochemical Company, Ltd., Class A (A)	19,500	7,510
Sinopharm Group Company, Ltd., H Shares	168,553	471,685
Sinotruk Hong Kong, Ltd.	86,000	227,513
Skshu Paint Company, Ltd., Class A (A)	3,600	19,294
Smoore International Holdings, Ltd. (B)(C)	217,334	151,084
Songcheng Performance Development Company, Ltd., Class A	18,400	27,569
SooChow Securities Company, Ltd., Class A	42,300	42,865
Southwest Securities Company, Ltd., Class A	55,900	33,501

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Spring Airlines Company, Ltd., Class A (A)	7,500	\$ 59,769
StarPower Semiconductor, Ltd., Class A	1,400	29,479
Sungrow Power Supply Company, Ltd., Class A	10,600	128,211
Sunny Optical Technology Group Company, Ltd.	87,164	560,980
Sunresin New Materials Company, Ltd., Class A	3,600	25,113
Sunwoda Electronic Company, Ltd., Class A	14,500	28,608
SUPCON Technology Company, Ltd., Class A	5,321	34,003
Suzhou Dongsan Precision Manufacturing Company, Ltd., Class A	12,600	26,192
Suzhou Maxwell Technologies Company, Ltd., Class A	1,584	26,709
Suzhou TFC Optical Communication Company, Ltd., Class A	2,800	53,031
TAL Education Group, ADR (A)	54,357	800,679
Tangshan Jidong Cement Company, Ltd., Class A	8,200	6,700
TBEA Company, Ltd., Class A	36,310	75,093
TCL Technology Group Corp., Class A (A)	138,770	87,230
TCL Zhonghuan Renewable Energy Technology Company, Ltd., Class A	26,400	49,567
Tencent Holdings, Ltd.	817,295	28,630,362
Tencent Music Entertainment Group, ADR (A)	91,886	962,046
The People's Insurance Company Group of China, Ltd., Class A	80,800	58,842
The People's Insurance Company Group of China, Ltd., H Shares	1,108,879	369,372
Thunder Software Technology Company, Ltd., Class A	4,000	33,651
Tianfeng Securities Company, Ltd., Class A (A)	62,500	27,101
Tianjin 712 Communication & Broadcasting Company, Ltd., Class A	6,100	24,336
Tianma Microelectronics Company, Ltd., Class A (A)	16,600	21,111
Tianqi Lithium Corp., Class A	10,800	80,322
Tianshan Aluminum Group Company, Ltd., Class A	25,500	20,046
Tianshui Huatian Technology Company, Ltd., Class A	21,800	24,766
Tingyi Cayman Islands Holding Corp.	235,102	261,447
Titan Wind Energy Suzhou Company, Ltd., Class A (A)	11,400	15,815
Tongcheng Travel Holdings, Ltd. (A)	153,512	385,922
TongFu Microelectronics Company, Ltd., Class A	11,500	35,480
Tongkun Group Company, Ltd., Class A (A)	20,100	37,874
Tongling Nonferrous Metals Group Company, Ltd., Class A	87,000	39,575
Tongwei Company, Ltd., Class A	30,300	111,430
Topchoice Medical Corp., Class A (A)	2,400	21,873
Topsports International Holdings, Ltd. (B)	221,128	149,642
TravelSky Technology, Ltd., H Shares	113,173	135,295
Trina Solar Company, Ltd., Class A	16,234	56,531
Trip.com Group, Ltd. (A)	67,399	3,059,260
Tsinghua Tongfang Company, Ltd., Class A (A)	27,500	25,853

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Tsingtao Brewery Company, Ltd., Class A	5,500	\$ 61,216
Tsingtao Brewery Company, Ltd., H Shares	74,597	477,326
Unigroup Guoxin Microelectronics Company, Ltd., Class A (A)	5,679	56,373
Uni-President China Holdings, Ltd.	152,163	91,113
Unisplendour Corp., Ltd., Class A (A)	21,100	64,787
Universal Scientific Industrial Shanghai Company, Ltd., Class A	10,300	20,646
Verisilicon Microelectronics Shanghai Company, Ltd., Class A (A)	3,271	18,457
Vipshop Holdings, Ltd., ADR (A)	42,894	825,710
Walvax Biotechnology Company, Ltd., Class A	10,600	27,076
Wanda Film Holding Company, Ltd., Class A (A)	13,500	22,403
Wanhua Chemical Group Company, Ltd., Class A	23,100	254,582
Weibo Corp., ADR (C)	9,770	89,102
Weichai Power Company, Ltd., Class A	54,700	128,399
Weichai Power Company, Ltd., H Shares	241,633	475,621
Weihai Guangwei Composites Company, Ltd., Class A	6,600	25,092
Wens Foodstuffs Group Company, Ltd., Class A	46,400	123,664
Western Mining Company, Ltd., Class A	17,900	41,343
Western Securities Company, Ltd., Class A	38,000	42,092
Western Superconducting Technologies Company, Ltd., Class A	4,065	22,600
Will Semiconductor Company, Ltd., Class A	8,345	110,992
Wingtech Technology Company, Ltd., Class A (A)	9,100	48,210
Wintime Energy Group Company, Ltd., Class A (A)	198,400	37,987
Wuchan Zhongda Group Company, Ltd., Class A	66,200	42,248
Wuhan Guide Infrared Company, Ltd., Class A	12,178	10,661
Wuliangye Yibin Company, Ltd., Class A	28,700	565,685
WUS Printed Circuit Kunshan Company, Ltd., Class A	13,700	50,308
WuXi AppTec Company, Ltd., Class A	19,400	146,471
WuXi AppTec Company, Ltd., H Shares (B)	44,294	273,051
Wuxi Autowell Technology Company, Ltd., Class A	846	10,271
WuXi Biologics Cayman, Inc. (A)(B)	468,120	1,108,793
XCMG Construction Machinery Company, Ltd., Class A	86,700	71,425
Xiamen C & D, Inc., Class A	26,200	37,803
Xiamen Faratronic Company, Ltd., Class A	1,500	21,710
Xiamen Tungsten Company, Ltd., Class A	9,500	22,126
Xiaomi Corp., Class B (A)(B)	1,882,834	3,163,961
Xinjiang Daqo New Energy Company, Ltd., Class A	11,582	46,976
Xinyi Solar Holdings, Ltd.	597,086	361,563
XPeng, Inc., A Shares (A)	130,576	611,134
Xtep International Holdings, Ltd.	169,363	93,412
Yadea Group Holdings, Ltd. (B)	148,485	233,280
Yangzhou Yangjie Electronic Technology Company, Ltd., Class A	3,100	17,126
Yankuang Energy Group Company, Ltd., Class A	27,000	96,992

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Yankuang Energy Group Company, Ltd., H Shares	277,065	\$ 638,924
Yantai Jereh Oilfield Services Group Company, Ltd., Class A	7,700	32,289
Yealink Network Technology Corp., Ltd., Class A	7,780	31,711
Yifeng Pharmacy Chain Company, Ltd., Class A	7,040	38,513
Yihai Kerry Arawana Holdings Company, Ltd., Class A	12,000	53,801
Yintai Gold Company, Ltd., Class A	20,400	42,380
Yonghui Superstores Company, Ltd., Class A (A)	32,400	11,879
YongXing Special Materials Technology Company, Ltd., Class A	3,850	29,479
Yonyou Network Technology Company, Ltd., Class A	26,200	46,156
Youngor Fashion Company, Ltd.	42,600	43,541
YTO Express Group Company, Ltd., Class A	22,600	40,012
Yuan Longping High-tech Agriculture Company, Ltd., Class A (A)	6,700	12,925
Yum China Holdings, Inc. (New York Stock Exchange)	50,974	2,186,275
Yunda Holding Company, Ltd., Class A	15,100	15,115
Yunnan Aluminium Company, Ltd., Class A	25,200	40,466
Yunnan Baiyao Group Company, Ltd., Class A	14,140	97,798
Yunnan Botanee Bio-Technology Group Company, Ltd., Class A	2,800	25,500
Yunnan Chihong Zinc&Germanium Company, Ltd., Class A	31,800	22,738
Yunnan Energy New Material Company, Ltd., Class A	6,300	40,151
Yunnan Tin Company, Ltd., Class A	10,800	20,638
Yunnan Yuntianhua Company, Ltd., Class A	14,500	36,735
Yutong Bus Company, Ltd., Class A	14,500	37,597
Zai Lab, Ltd. (A)	113,275	241,749
Zangge Mining Company, Ltd., Class A	10,300	41,893
Zhangzhou Pientzehuang Pharmaceutical Company, Ltd., Class A	4,200	130,025
Zhaojin Mining Industry Company, Ltd., H Shares	151,743	156,897
Zhejiang Century Huatong Group Company, Ltd., Class A (A)	55,800	37,923
Zhejiang China Commodities City Group Company, Ltd., Class A	42,100	48,011
Zhejiang Chint Electric Company, Ltd., Class A	17,600	50,273
Zhejiang Dahua Technology Company, Ltd., Class A	24,200	62,135
Zhejiang Dingli Machinery Company, Ltd., Class A	3,200	26,227
Zhejiang Expressway Company, Ltd., H Shares	212,255	161,870
Zhejiang Huahai Pharmaceutical Company, Ltd., Class A	8,200	15,863
Zhejiang Huayou Cobalt Company, Ltd., Class A	10,710	41,158
Zhejiang Jingsheng Mechanical & Electrical Company, Ltd., Class A	8,500	43,698

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
China (continued)		
Zhejiang Jiuzhou Pharmaceutical Company, Ltd., Class A	5,100	\$ 14,476
Zhejiang Juhua Company, Ltd., Class A	21,300	60,232
Zhejiang Leapmotor Technology Company, Ltd. (A)(B)	60,600	212,017
Zhejiang Longsheng Group Company, Ltd., Class A	23,200	27,576
Zhejiang NHU Company, Ltd., Class A	25,480	63,715
Zhejiang Sanhua Intelligent Controls Company, Ltd., Class A	14,700	50,875
Zhejiang Supor Company, Ltd., Class A	3,200	24,636
Zhejiang Weiming Environment Protection Company, Ltd., Class A	11,780	29,304
Zhejiang Weixing New Building Materials Company, Ltd., Class A	9,500	20,749
Zhejiang Zheneng Electric Power Company, Ltd., Class A (A)	75,800	56,729
Zheshang Securities Company, Ltd., Class A	37,900	53,929
ZhongAn Online P&C Insurance Company, Ltd., H Shares (A)(B)	87,204	137,322
Zhongji Innolight Company, Ltd., Class A	6,000	129,469
Zhongjin Gold Corp., Ltd., Class A	25,700	37,091
Zhongsheng Group Holdings, Ltd.	103,054	187,624
Zhongtai Securities Company, Ltd., Class A	56,500	54,527
Zhuzhou CRRC Times Electric Company, Ltd., Class A	7,219	38,954
Zhuzhou CRRC Times Electric Company, Ltd., H Shares	59,792	175,307
Zhuzhou Kibing Group Company, Ltd., Class A	18,500	16,651
Zijin Mining Group Company, Ltd., Class A	152,200	276,322
Zijin Mining Group Company, Ltd., H Shares	670,396	1,076,873
Zoomlion Heavy Industry Science and Technology Company, Ltd., Class A	53,100	59,021
ZTE Corp., Class A	33,600	139,273
ZTE Corp., H Shares	85,375	192,306
ZTO Express Cayman, Inc., ADR	52,339	1,004,385
		199,877,447
Colombia - 0.0%		
Bancolombia SA	35,359	296,745
Interconexion Electrica SA ESP	61,885	263,622
		560,367
Czech Republic - 0.0%		
CEZ AS	21,493	734,149
Komerční banka AS	10,151	353,275
Moneta Money Bank AS (B)	43,527	191,069
		1,278,493
Denmark - 2.8%		
A.P. Moller - Maersk A/S, Series A	447	607,193
A.P. Moller - Maersk A/S, Series B	871	1,236,073
Carlsberg A/S, Class B	16,551	2,311,894
Coloplast A/S, B Shares (C)	22,968	3,050,914
Danske Bank A/S	116,054	3,414,327
Demant A/S (A)(C)	16,883	846,463
DSV A/S	31,345	5,029,322
Genmab A/S (A)	11,116	3,088,249
Novo Nordisk A/S, Class B	549,779	65,624,747
Novozymes A/S, B Shares	60,618	3,419,334
Orsted A/S (B)(C)	31,766	1,778,951

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Denmark (continued)		
Pandora A/S	14,284	\$ 2,310,012
ROCKWOOL A/S, B Shares	1,580	505,680
Tryg A/S	60,247	1,281,226
Vestas Wind Systems A/S (A)(C)	170,195	4,743,001
		99,247,386
Finland - 0.6%		
Elisa OYJ	18,763	845,052
Fortum OYJ	59,958	749,363
Kesko OYJ, B Shares	36,463	697,159
Kone OYJ, B Shares	45,629	2,234,062
Metso OYJ	89,184	953,982
Neste OYJ	56,608	1,551,746
Nokia OYJ	730,313	2,574,424
Nordea Bank ABP	429,555	5,227,902
Orion OYJ, Class B	14,447	567,995
Sampo OYJ, A Shares	61,777	2,764,326
Stora Enso OYJ, R Shares	78,814	996,495
UPM-Kymmene OYJ	71,945	2,407,959
Wartsila OYJ ABP	63,992	990,647
		22,561,112
France - 7.5%		
Accor SA	26,963	1,171,215
Aéroports de Paris SA	4,538	617,768
Air Liquide SA	71,209	14,473,438
Airbus SE	80,800	13,369,109
Alstom SA	39,076	522,277
Amundi SA (B)	8,937	588,871
Arkema SA	8,267	856,892
AXA SA	248,478	8,846,299
BioMérieux	5,618	614,103
BNP Paribas SA	143,585	8,617,985
Bolloré SE	99,659	683,436
Bouygues SA	25,582	1,011,659
Bureau Veritas SA	39,495	1,147,591
Capgemini SE	21,223	5,162,368
Carrefour SA	77,503	1,302,157
Cie de Saint-Gobain SA	62,115	4,788,489
Cie Generale des Etablissements Michelin SCA	92,312	3,416,145
Covivio SA	6,623	297,386
Credit Agricole SA	146,745	1,990,283
Danone SA	87,280	5,569,461
Dassault Aviation SA	2,846	562,639
Dassault Systemes SE	90,818	4,255,835
Edenred SE	33,716	1,668,391
Eiffage SA	9,836	1,071,122
Engie SA	247,688	3,974,503
EssilorLuxottica SA	40,082	8,510,793
Eurazeo SE	5,886	497,959
Gecina SA	6,238	602,540
Getlink SE	47,350	808,431
Hermes International SCA	4,305	10,772,591
Ipsen SA	5,032	552,782
Kering SA	10,098	4,651,425
Klepierre SA	28,781	731,133
La Française des Jeux SAEM (B)	13,751	576,198
Legrand SA	36,108	3,657,068
L'Oreal SA	32,796	15,665,652
LVMH Moët Hennessy Louis Vuitton SE	37,533	34,257,727
Orange SA	251,395	2,881,735
Pernod Ricard SA	27,769	4,641,139
Pluxee NV (A)	11,948	341,366
Publicis Groupe SA	31,140	3,294,788

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
France (continued)		
Remy Cointreau SA	3,127	\$ 331,353
Renault SA	26,344	1,099,956
Safran SA	46,670	9,786,270
Sanofi SA	154,676	14,742,894
Sartorius Stedim Biotech	3,790	1,043,192
Schneider Electric SE	72,875	16,563,942
Schneider Electric SE (Euronext London Exchange)	1,178	267,644
SEB SA	3,323	393,803
Societe Generale SA	101,032	2,453,629
Sodexo SA	11,948	952,391
STMicroelectronics NV	92,880	4,217,433
Teleperformance SE	8,102	1,005,929
Thales SA	14,428	2,139,871
TotalEnergies SE	310,963	19,820,544
Unibail-Rodamco-Westfield (A)	16,160	1,181,677
Veolia Environnement SA	91,984	2,851,354
Vinci SA	68,910	8,830,282
Vivendi SE	90,964	1,016,491
Worldline SA (A)(B)	32,671	376,105
		268,097,509
Germany - 5.1%		
adidas AG	21,918	4,433,582
Allianz SE	55,093	15,131,603
BASF SE	120,964	6,161,553
Bayer AG	133,144	4,022,837
Bayerische Motoren Werke AG	43,730	5,172,744
Bechtle AG	11,080	571,671
Beiersdorf AG	13,570	1,945,140
Brenntag SE	18,716	1,708,855
Carl Zeiss Meditec AG, Bearer Shares	5,439	667,915
Commerzbank AG	141,005	1,632,266
Continental AG	14,807	1,187,748
Covestro AG (A)(B)	26,149	1,423,232
Daimler Truck Holding AG	72,513	2,962,479
Delivery Hero SE (A)(B)	23,666	547,419
Deutsche Bank AG	265,219	3,552,006
Deutsche Boerse AG	25,742	5,389,025
Deutsche Lufthansa AG (A)	81,249	631,860
Deutsche Post AG	134,321	6,237,072
Deutsche Telekom AG	439,148	10,438,111
E.ON SE	302,151	3,858,261
Evonik Industries AG	31,004	572,310
Fresenius Medical Care AG	27,771	1,065,101
Fresenius SE & Company KGaA	57,506	1,610,467
GEA Group AG	21,618	871,995
Hannover Rueck SE	8,330	2,138,379
Heidelberg Materials AG	18,995	1,844,395
HelloFresh SE (A)(C)	20,807	288,830
Henkel AG & Company KGaA	12,919	871,604
Infineon Technologies AG	177,277	6,365,241
Knorr-Bremse AG	9,583	670,907
LEG Immobilien SE (A)	10,069	741,678
Mercedes-Benz Group AG	109,027	8,687,810
Merck KGaA	17,575	2,990,335
MTU Aero Engines AG	7,350	1,768,039
Muenchener Rueckversicherungs-Gesellschaft AG	18,699	8,705,761
Nemetschek SE	7,712	738,800
Puma SE	14,205	653,337
Rational AG	682	561,205
Rheinmetall AG	5,961	2,735,249
RWE AG	85,641	2,868,749

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Germany (continued)		
SAP SE	141,645	\$ 26,543,355
Scout24 SE (B)	10,001	727,221
Siemens AG	103,198	20,430,013
Siemens Energy AG (A)	70,336	1,080,113
Siemens Healthineers AG (B)	38,176	2,291,191
Symrise AG	17,974	1,839,328
Talanx AG	9,169	654,491
Volkswagen AG	3,774	593,964
Vonovia SE	99,674	2,781,820
Wacker Chemie AG	2,476	270,824
Zalando SE (A)(B)	30,138	637,820
		182,275,711
Hong Kong - 1.6%		
AIA Group, Ltd.	1,551,474	12,506,722
Alibaba Health Information Technology, Ltd. (A)	661,746	289,152
Beijing Enterprises Holdings, Ltd.	62,470	235,001
Beijing Enterprises Water Group, Ltd.	483,340	113,382
BOC Hong Kong Holdings, Ltd.	500,301	1,314,396
Bosideng International Holdings, Ltd.	453,812	228,257
Brilliance China Automotive Holdings, Ltd.	374,000	217,703
Budweiser Brewing Company APAC, Ltd. (B)(C)	228,716	368,690
C&D International Investment Group, Ltd.	88,246	143,482
China Everbright Environment Group, Ltd.	453,333	168,392
China Gas Holdings, Ltd.	326,902	299,175
China Medical System Holdings, Ltd.	165,843	272,625
China Merchants Port Holdings Company, Ltd.	182,231	226,195
China Overseas Land & Investment, Ltd.	468,252	691,523
China Overseas Property Holdings, Ltd.	142,224	119,572
China Power International Development, Ltd.	606,969	245,174
China Resources Beer Holdings Company, Ltd.	196,162	845,254
China Resources Gas Group, Ltd.	113,473	342,430
China Resources Land, Ltd.	394,711	1,205,588
China Resources Power Holdings Company, Ltd.	234,808	505,461
China Ruyi Holdings, Ltd. (A)(C)	665,326	130,597
China State Construction International Holdings, Ltd.	247,116	275,365
China Taiping Insurance Holdings Company, Ltd.	196,529	170,749
China Traditional Chinese Medicine Holdings Company, Ltd. (C)	367,316	202,885
Chow Tai Fook Jewellery Group, Ltd.	239,431	356,769
CK Asset Holdings, Ltd.	265,073	1,219,342
CK Hutchison Holdings, Ltd.	365,634	1,846,847
CK Infrastructure Holdings, Ltd.	83,799	491,985
CLP Holdings, Ltd.	220,344	1,833,730
COSCO SHIPPING Ports, Ltd.	184,534	110,111
ESR Group, Ltd. (B)	289,301	385,481
Far East Horizon, Ltd.	254,693	204,700
Futu Holdings, Ltd., ADR (A)(C)	7,509	401,882
Galaxy Entertainment Group, Ltd.	294,387	1,602,869
GCL Technology Holdings, Ltd.	2,624,736	365,098
Geely Automobile Holdings, Ltd.	733,860	798,640
Guangdong Investment, Ltd.	360,587	213,979
Hang Lung Properties, Ltd.	239,852	257,437
Hang Seng Bank, Ltd.	100,933	1,150,049

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Hong Kong (continued)		
Henderson Land Development Company, Ltd.	195,796	\$ 563,365
HKT Trust & HKT, Ltd.	504,846	615,535
Hong Kong & China Gas Company, Ltd.	1,487,498	1,146,878
Hong Kong Exchanges & Clearing, Ltd.	162,385	5,001,227
Hongkong Land Holdings, Ltd.	147,346	498,881
Jardine Matheson Holdings, Ltd.	21,567	905,485
Kingboard Holdings, Ltd.	82,854	162,516
Kingboard Laminates Holdings, Ltd.	116,087	71,894
Kunlun Energy Company, Ltd.	473,215	403,422
Link REIT	345,085	1,711,141
MTR Corp., Ltd.	203,212	672,281
New World Development Company, Ltd. (C)	196,084	246,357
Nine Dragons Paper Holdings, Ltd. (A)	201,339	93,157
Orient Overseas International, Ltd.	16,227	251,281
Power Assets Holdings, Ltd.	186,806	1,121,051
Prudential PLC	354,350	3,491,377
Shenzhen International Holdings, Ltd.	500	422
Sino Biopharmaceutical, Ltd.	1,262,160	501,658
Sino Land Company, Ltd.	497,297	535,557
SITC International Holdings Company, Ltd.	177,947	293,009
Sun Hung Kai Properties, Ltd.	196,863	1,980,890
Swire Pacific, Ltd., Class A	58,625	485,646
Swire Properties, Ltd.	156,725	322,378
Techtronic Industries Company, Ltd.	185,613	2,002,435
The Wharf Holdings, Ltd.	145,000	534,463
Vinda International Holdings, Ltd.	35,189	104,214
Want Want China Holdings, Ltd.	565,564	312,204
WH Group, Ltd. (B)	1,131,866	680,202
Wharf Real Estate Investment Company, Ltd.	224,027	746,039
Xinyi Glass Holdings, Ltd.	217,149	220,726
Yuexiu Property Company, Ltd.	196,075	130,393
		58,162,773
Hungary - 0.1%		
MOL Hungarian Oil & Gas PLC	56,967	453,102
OTP Bank NYRT	30,165	1,447,501
Richter Gedeon NYRT	17,458	464,509
		2,365,112
India - 4.7%		
ABB India, Ltd.	7,126	469,622
Adani Enterprises, Ltd.	23,193	922,688
Adani Green Energy, Ltd. (A)	42,616	984,164
Adani Ports & Special Economic Zone, Ltd.	71,213	1,136,989
Adani Power, Ltd. (A)	103,434	684,602
Ambuja Cements, Ltd.	81,206	592,194
APL Apollo Tubes, Ltd.	22,485	418,898
Apollo Hospitals Enterprise, Ltd.	13,706	1,012,069
Ashok Leyland, Ltd.	198,785	407,761
Asian Paints, Ltd.	51,839	1,776,172
Astral, Ltd.	16,164	407,242
AU Small Finance Bank, Ltd. (B)	22,399	153,694
Aurobindo Pharma, Ltd.	35,698	441,735
Avenue Supermarts, Ltd. (A)(B)	21,859	1,031,319
Axis Bank, Ltd.	310,124	4,009,149
Bajaj Auto, Ltd.	9,251	883,611
Bajaj Finance, Ltd.	36,918	2,887,527
Bajaj Finserv, Ltd.	52,339	1,004,669
Bajaj Holdings & Investment, Ltd.	3,557	399,678
Balkrishna Industries, Ltd.	10,249	275,420

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
Bandhan Bank, Ltd. (B)	97,129	\$ 230,135
Bank of Baroda	143,802	461,918
Berger Paints India, Ltd.	38,062	284,888
Bharat Electronics, Ltd.	503,925	1,247,475
Bharat Forge, Ltd.	34,500	477,303
Bharat Petroleum Corp., Ltd.	102,438	748,832
Bharti Airtel, Ltd.	304,578	4,121,663
Britannia Industries, Ltd.	14,609	878,107
CG Power & Industrial Solutions, Ltd.	82,529	445,746
Cholamandalam Investment and Finance Company, Ltd.	57,419	754,451
Cipla, Ltd.	71,481	1,271,807
Coal India, Ltd.	208,748	1,101,725
Colgate-Palmolive India, Ltd.	18,159	553,351
Container Corp. of India, Ltd.	37,602	446,715
Cummins India, Ltd.	18,966	630,154
Dabur India, Ltd.	83,013	538,719
Divi's Laboratories, Ltd.	16,086	677,034
DLF, Ltd.	85,172	928,207
Dr. Reddy's Laboratories, Ltd.	14,781	1,143,398
Eicher Motors, Ltd.	18,579	850,702
GAIL India, Ltd.	313,661	690,750
Godrej Consumer Products, Ltd.	55,374	826,567
Godrej Properties, Ltd. (A)	16,961	490,823
Grasim Industries, Ltd.	35,708	948,357
Havells India, Ltd.	33,211	612,217
HCL Technologies, Ltd.	128,745	2,594,262
HDFC Asset Management Company, Ltd. (B)	11,665	531,723
HDFC Bank, Ltd.	381,119	6,456,885
HDFC Life Insurance Company, Ltd. (B)	133,246	938,580
Hero MotoCorp, Ltd.	14,974	795,421
Hindalco Industries, Ltd.	167,896	1,023,801
Hindustan Aeronautics, Ltd.	27,525	1,026,910
Hindustan Petroleum Corp., Ltd.	77,558	482,042
Hindustan Unilever, Ltd.	111,613	3,237,459
ICICI Bank, Ltd.	705,454	8,983,225
ICICI Lombard General Insurance Company, Ltd. (B)	33,244	690,101
ICICI Prudential Life Insurance Company, Ltd. (B)	50,696	326,555
IDFC First Bank, Ltd. (A)	467,097	456,083
Indian Oil Corp., Ltd.	383,911	772,526
Indian Railway Catering & Tourism Corp., Ltd.	32,291	362,075
Indraprastha Gas, Ltd.	42,454	217,375
IndusInd Bank, Ltd.	38,687	689,555
Info Edge India, Ltd.	9,602	608,231
Infosys, Ltd.	450,695	9,070,550
InterGlobe Aviation, Ltd. (A)(B)	18,177	688,281
ITC, Ltd.	406,709	1,993,393
Jindal Steel & Power, Ltd.	48,367	451,092
Jio Financial Services, Ltd. (A)	432,309	1,617,020
JSW Steel, Ltd.	83,141	804,680
Jubilant Foodworks, Ltd.	52,435	293,676
Kotak Mahindra Bank, Ltd.	148,635	3,037,491
Larsen & Toubro, Ltd.	91,568	3,842,916
LTIMindtree, Ltd. (B)	12,036	772,326
Lupin, Ltd.	27,710	542,600
Macrotech Developers, Ltd. (B)	32,879	456,251
Mahindra & Mahindra, Ltd.	126,689	2,949,309
Marico, Ltd.	68,584	431,617
Maruti Suzuki India, Ltd.	18,355	2,500,593
Max Healthcare Institute, Ltd.	105,347	1,001,443

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
India (continued)		
Mphasis, Ltd.	10,208	\$ 322,960
MRF, Ltd.	257	450,496
Muthoot Finance, Ltd.	16,230	253,364
Nestle India, Ltd.	45,700	1,432,755
NTPC, Ltd.	593,014	2,395,929
Oil & Natural Gas Corp., Ltd.	426,876	1,363,190
One 97 Communications, Ltd. (A)	30,090	149,508
Page Industries, Ltd.	803	333,680
Persistent Systems, Ltd.	6,764	700,511
Petronet LNG, Ltd.	98,635	325,055
PI Industries, Ltd.	11,241	500,531
Pidilite Industries, Ltd.	20,485	675,587
Polycab India, Ltd.	6,061	348,807
Power Finance Corp., Ltd.	202,343	978,388
Power Grid Corp. of India, Ltd.	631,622	2,164,788
REC, Ltd.	178,827	956,011
Reliance Industries, Ltd.	413,124	14,585,539
Samvardhana Motherson International, Ltd.	319,989	459,336
SBI Cards & Payment Services, Ltd.	37,682	327,816
SBI Life Insurance Company, Ltd. (B)	62,174	1,164,116
Shree Cement, Ltd.	1,208	369,966
Shriram Finance, Ltd.	38,398	1,127,650
Siemens, Ltd.	12,111	682,672
Sona BLW Precision Forgings, Ltd. (B)	54,368	450,013
SRF, Ltd.	19,830	570,548
State Bank of India	244,015	2,211,699
Sun Pharmaceutical Industries, Ltd.	130,901	2,484,859
Supreme Industries, Ltd.	8,560	427,423
Suzlon Energy, Ltd. (A)	1,197,365	653,786
Tata Communications, Ltd.	15,313	353,116
Tata Consultancy Services, Ltd.	124,137	6,150,582
Tata Consumer Products, Ltd.	77,808	1,117,665
Tata Elxsi, Ltd.	4,640	442,740
Tata Motors, Ltd.	225,274	2,591,675
Tata Motors, Ltd., Class A, Differential Voting Rights	62,783	479,878
Tata Steel, Ltd.	991,470	1,689,666
Tech Mahindra, Ltd.	72,749	1,122,382
The Indian Hotels Company, Ltd.	115,381	816,948
The Tata Power Company, Ltd.	196,388	883,616
Titan Company, Ltd.	48,051	2,108,938
Torrent Pharmaceuticals, Ltd.	13,724	443,643
Trent, Ltd.	24,502	1,146,965
Tube Investments of India, Ltd.	14,291	596,700
TVS Motor Company, Ltd.	32,130	828,251
UltraTech Cement, Ltd.	15,728	1,876,184
United Spirits, Ltd.	39,361	555,255
UPL, Ltd.	60,663	345,204
Varun Beverages, Ltd.	61,993	1,054,656
Vedanta, Ltd.	125,427	405,140
Wipro, Ltd.	177,620	1,113,269
Yes Bank, Ltd. (A)	1,722,190	512,624
Zomato, Ltd. (A)	700,872	1,410,622
		168,818,996
Indonesia - 0.3%		
Adaro Energy Indonesia Tbk PT	1,003,266	154,624
Amman Mineral Internasional PT (A)	468,700	253,336
Aneka Tambang Tbk	561,462	52,146
Astra International Tbk PT	1,462,251	486,781
Bank Central Asia Tbk PT	3,903,314	2,456,223
Bank Mandiri Persero Tbk PT	2,650,689	1,183,993
Bank Negara Indonesia Persero Tbk PT	1,086,424	415,214
Bank Rakyat Indonesia Persero Tbk PT	4,832,949	1,883,323

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Indonesia (continued)		
Barito Pacific Tbk PT	2,013,256	\$ 125,141
Charoen Pokphand Indonesia Tbk PT	519,282	160,105
GoTo Gojek Tokopedia Tbk PT (A)	59,830,198	270,814
Indah Kiat Pulp & Paper Tbk PT	188,650	104,847
Indofood CBP Sukses Makmur Tbk PT	160,336	118,213
Indofood Sukses Makmur Tbk PT	329,130	138,814
Kalbe Farma Tbk PT	1,425,325	134,934
Merdeka Copper Gold Tbk PT (A)	664,982	95,643
Sarana Menara Nusantara Tbk PT	1,457,657	85,476
Semen Indonesia Persero Tbk PT	247,675	96,210
Sumber Alfaria Trijaya Tbk PT	1,312,316	229,651
Telkom Indonesia Persero Tbk PT	3,532,864	900,560
Unilever Indonesia Tbk PT	501,632	87,234
United Tractors Tbk PT	102,378	153,331
		9,586,613
Ireland - 1.1%		
AerCap Holdings NV (A)	26,500	2,045,270
AIB Group PLC	208,767	969,217
Bank of Ireland Group PLC	142,890	1,247,857
CRH PLC	90,591	7,545,399
DCC PLC	12,551	892,039
Experian PLC	117,560	5,034,604
Flutter Entertainment PLC (A)	24,293	5,260,318
James Hardie Industries PLC, CHESS Depositary Interest (A)	59,223	2,342,595
Kerry Group PLC, Class A	21,560	1,893,225
Kingspan Group PLC	20,946	1,894,127
PDD Holdings, Inc., ADR (A)	73,341	9,133,888
Smurfit Kappa Group PLC	29,187	1,247,439
Smurfit Kappa Group PLC (London Stock Exchange)	6,453	276,301
		39,782,279
Israel - 0.5%		
Azrieli Group, Ltd.	5,624	408,159
Bank Hapoalim BM	167,755	1,606,883
Bank Leumi Le-Israel BM	203,044	1,702,454
Check Point Software Technologies, Ltd. (A)	12,440	1,995,625
CyberArk Software, Ltd. (A)	5,638	1,487,079
Elbit Systems, Ltd.	3,571	794,319
Global-e Online, Ltd. (A)	12,200	413,214
ICL Group, Ltd.	100,559	534,102
Israel Discount Bank, Ltd., Class A	163,644	853,797
Mizrahi Tefahot Bank, Ltd.	20,517	812,074
Monday.com, Ltd. (A)	3,513	783,434
Nice, Ltd. (A)	8,431	2,062,697
Teva Pharmaceutical Industries, Ltd., ADR (A)	150,162	1,974,630
Wix.com, Ltd. (A)	7,271	1,019,249
		16,447,716
Italy - 1.9%		
Amplifon SpA	21,680	723,952
Assicurazioni Generali SpA	178,505	4,233,969
Banco BPM SpA	210,117	1,223,265
Davide Campari-Milano NV	107,028	1,085,276
DiaSorin SpA	3,913	394,927
Enel SpA	1,417,741	9,021,166
Eni SpA	411,947	6,343,347
Ferrari NV	21,948	9,263,456
FincoBank SpA	106,012	1,468,642
Infrastrutture Wireless Italiane SpA (B)	57,518	637,090
Intesa Sanpaolo SpA	2,705,986	8,616,972
Leonardo SpA	71,441	1,527,421

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Italy (continued)		
Mediobanca Banca di Credito Finanziario SpA (C)	97,279	\$ 1,325,142
Moncler SpA	35,774	2,579,548
Nexi SpA (A)(B)	103,075	756,492
Poste Italiane SpA (B)	92,568	1,085,763
Prysmian SpA	45,901	2,290,727
Recordati Industria Chimica e Farmaceutica SpA	18,144	1,015,790
Snam SpA	349,211	1,631,339
Telecom Italia SpA (A)	1,739,971	523,119
Terna - Rete Elettrica Nazionale	243,817	1,910,065
UniCredit SpA	279,778	9,371,066
		67,028,534
Japan - 15.8%		
Advantest Corp.	111,384	5,243,502
Aeon Company, Ltd. (C)	94,185	2,248,852
AGC, Inc.	28,342	1,013,479
Aisin Corp.	21,389	807,762
Ajinomoto Company, Inc.	64,512	2,372,835
ANA Holdings, Inc. (A)	22,523	491,052
Asahi Group Holdings, Ltd.	70,040	2,399,393
Asahi Intecc Company, Ltd.	31,685	659,477
Asahi Kasei Corp.	182,390	1,269,065
Astellas Pharma, Inc.	262,312	2,866,743
Azbil Corp.	16,471	484,038
Bandai Namco Holdings, Inc.	86,576	1,667,132
BayCurrent Consulting, Inc.	19,340	434,471
Bridgestone Corp.	82,934	3,561,397
Brother Industries, Ltd.	33,257	557,993
Canon, Inc.	145,393	4,251,993
Capcom Company, Ltd.	24,894	1,005,241
Central Japan Railway Company	104,110	2,618,354
Chubu Electric Power Company, Inc.	93,329	1,161,597
Chugai Pharmaceutical Company, Ltd.	97,590	3,897,904
Concordia Financial Group, Ltd.	153,917	780,334
Dai Nippon Printing Company, Ltd.	29,543	862,924
Daifuku Company, Ltd.	44,348	1,052,982
Dai-ichi Life Holdings, Inc.	138,248	3,147,101
Daiichi Sankyo Company, Ltd.	268,888	8,855,534
Daikin Industries, Ltd.	38,334	5,402,882
Daito Trust Construction Company, Ltd.	9,006	1,068,390
Daiwa House Industry Company, Ltd.	86,455	2,496,342
Daiwa House REIT Investment Corp. (C)	329	536,501
Daiwa Securities Group, Inc.	197,964	1,459,528
Denso Corp. (C)	275,148	5,061,437
Dentsu Group, Inc.	29,067	805,322
Disco Corp.	13,424	4,374,711
East Japan Railway Company	43,530	2,575,301
Eisai Company, Ltd. (C)	36,725	1,523,379
ENEOS Holdings, Inc.	416,848	1,798,528
FANUC Corp.	138,802	4,045,993
Fast Retailing Company, Ltd.	25,391	7,354,499
Fuji Electric Company, Ltd.	18,464	1,124,412
FUJIFILM Holdings Corp.	54,355	3,462,236
Fujitsu, Ltd.	25,552	3,993,081
GLP J-REIT (C)	654	518,876
Hamamatsu Photonics KK	20,234	727,456
Hankyu Hanshin Holdings, Inc.	32,900	948,758
Hikari Tsushin, Inc.	2,891	523,447
Hirose Electric Company, Ltd.	4,288	456,342
Hitachi Construction Machinery Company, Ltd.	15,754	455,947
Hitachi, Ltd.	134,898	11,428,632

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
Honda Motor Company, Ltd. (C)	672,824	\$ 7,994,871
Hoshizaki Corp.	15,716	536,445
Hoya Corp.	51,533	6,726,964
Hulic Company, Ltd.	55,418	552,958
Ibiden Company, Ltd.	16,412	759,662
Idemitsu Kosan Company, Ltd.	138,660	876,822
Iida Group Holdings Company, Ltd.	22,543	290,893
Ipex Corp.	140,835	1,877,149
Isuzu Motors, Ltd.	84,867	1,210,961
ITOCHU Corp.	173,083	7,518,893
Japan Airlines Company, Ltd.	20,353	380,116
Japan Exchange Group, Inc.	73,353	1,920,498
Japan Metropolitan Fund Investment Corp. (C)	988	582,278
Japan Post Bank Company, Ltd.	209,997	2,239,137
Japan Post Holdings Company, Ltd.	305,665	2,950,029
Japan Post Insurance Company, Ltd.	30,045	553,736
Japan Real Estate Investment Corp.	180	648,843
Japan Tobacco, Inc.	174,826	4,541,368
JFE Holdings, Inc.	84,225	1,381,316
JSR Corp.	25,811	693,481
Kajima Corp.	61,427	1,140,422
Kao Corp.	67,504	2,554,218
Kawasaki Kisen Kaisha, Ltd.	20,053	957,150
KDDI Corp. (C)	217,390	6,572,089
KDX Realty Investment Corp.	585	585,581
Keisei Electric Railway Company, Ltd.	18,811	878,869
Keyence Corp.	28,304	13,264,838
Kikkoman Corp.	19,777	1,295,411
Kintetsu Group Holdings Company, Ltd.	25,511	784,583
Kirin Holdings Company, Ltd.	112,803	1,568,203
Kobe Bussan Company, Ltd.	21,987	591,965
Koei Tecmo Holdings Company, Ltd.	15,703	196,582
Koito Manufacturing Company, Ltd.	27,752	351,786
Komatsu, Ltd.	134,784	3,912,522
Konami Group Corp.	14,479	974,399
Kose Corp.	4,826	268,453
Kubota Corp.	146,509	2,150,225
Kyocera Corp.	186,568	2,753,464
Kyowa Kirin Company, Ltd.	38,893	770,208
Lasertec Corp.	11,036	2,961,158
LY Corp. (C)	389,254	1,075,934
M3, Inc.	63,819	917,926
Makita Corp.	32,460	849,291
Marubeni Corp.	209,013	3,463,763
MatsukiyoCocokara & Company	49,513	821,083
Mazda Motor Corp.	82,339	956,163
McDonald's Holdings Company Japan, Ltd. (C)	12,291	571,652
MEIJI Holdings Company, Ltd.	33,743	759,375
MINEBEA MITSUMI, Inc.	53,068	1,100,449
MISUMI Group, Inc.	41,339	631,832
Mitsubishi Chemical Group Corp.	187,710	1,077,144
Mitsubishi Corp.	502,106	10,769,941
Mitsubishi Electric Corp.	281,566	4,484,780
Mitsubishi Estate Company, Ltd.	163,977	2,509,908
Mitsubishi HC Capital, Inc.	116,340	803,889
Mitsubishi Heavy Industries, Ltd.	46,650	3,692,203
Mitsubishi UFJ Financial Group, Inc.	1,659,154	17,044,179
Mitsui & Company, Ltd. (C)	188,395	8,274,789
Mitsui Chemicals, Inc.	24,814	688,145
Mitsui Fudosan Company, Ltd.	129,244	3,508,571
Mitsui OSK Lines, Ltd.	50,221	1,719,867
Mizuho Financial Group, Inc.	350,013	6,538,976

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
MonotaRO Company, Ltd.	35,904	\$ 343,418
MS&AD Insurance Group Holdings, Inc. (C)	63,198	3,158,147
Murata Manufacturing Company, Ltd.	250,656	5,051,220
NEC Corp.	35,806	2,416,806
Nexon Company, Ltd.	49,671	806,692
Nidec Corp.	60,674	2,302,502
Nintendo Company, Ltd.	150,863	8,430,266
Nippon Building Fund, Inc.	217	835,714
Nippon Express Holdings, Inc.	10,601	560,439
Nippon Paint Holdings Company, Ltd.	137,414	1,020,840
Nippon Prologis REIT, Inc.	320	535,376
Nippon Sanso Holdings Corp.	25,333	734,744
Nippon Steel Corp.	124,742	3,095,555
Nippon Telegraph & Telephone Corp. (C)	4,333,990	5,270,853
Nippon Yusen KK (C)	70,692	2,251,290
Nissan Chemical Corp.	18,283	764,721
Nissan Motor Company, Ltd.	340,291	1,340,633
Nissin Foods Holdings Company, Ltd. (C)	28,917	842,884
Nitori Holdings Company, Ltd.	11,653	1,714,043
Nitto Denko Corp.	20,903	1,921,906
Nomura Holdings, Inc.	444,088	2,528,489
Nomura Real Estate Holdings, Inc.	16,014	398,635
Nomura Real Estate Master Fund, Inc. (C)	602	598,320
Nomura Research Institute, Ltd.	56,035	1,574,585
NTT Data Group Corp.	91,297	1,486,964
Obayashi Corp.	93,364	903,898
Obic Company, Ltd.	10,140	1,587,966
Odakyu Electric Railway Company, Ltd.	44,659	627,889
Oji Holdings Corp. (C)	123,633	484,170
Olympus Corp.	174,567	2,483,894
Omron Corp.	25,525	949,088
Ono Pharmaceutical Company, Ltd.	55,836	924,622
Open House Group Company, Ltd.	11,514	363,631
Oracle Corp. Japan	5,360	410,971
Oriental Land Company, Ltd.	158,558	5,682,753
ORIX Corp.	172,139	3,616,734
Osaka Gas Company, Ltd.	54,103	1,079,712
Otsuka Corp.	16,312	717,265
Otsuka Holdings Company, Ltd.	60,832	2,468,351
Pan Pacific International Holdings Corp.	55,160	1,300,372
Panasonic Holdings Corp.	321,630	3,040,572
Rakuten Group, Inc. (A)	215,506	1,181,183
Recruit Holdings Company, Ltd.	209,712	8,458,911
Renesas Electronics Corp.	214,081	3,537,279
Resona Holdings, Inc. (C)	310,535	1,694,782
Ricoh Company, Ltd.	79,632	663,249
Rohm Company, Ltd.	48,668	829,142
SBI Holdings, Inc.	36,535	983,671
SCSK Corp.	22,087	407,387
Secom Company, Ltd.	30,364	2,215,727
Seiko Epson Corp.	41,331	669,050
Sekisui Chemical Company, Ltd.	55,850	787,455
Sekisui House, Ltd.	86,603	1,929,142
Seven & i Holdings Company, Ltd. (C)	328,539	4,896,200
SG Holdings Company, Ltd.	45,657	572,758
Sharp Corp. (A)	36,673	199,866
Shimadzu Corp.	34,110	931,826
Shimano, Inc.	11,156	1,545,123
Shimizu Corp.	74,108	429,860
Shin-Etsu Chemical Company, Ltd.	265,091	11,312,590
Shionogi & Company, Ltd.	37,886	1,886,227
Shiseido Company, Ltd.	58,206	1,582,450
Shizuoka Financial Group, Inc.	67,896	664,591

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Japan (continued)		
SMC Corp.	8,265	\$ 4,988,558
SoftBank Corp.	415,556	5,466,005
SoftBank Group Corp.	149,718	8,868,212
Sompo Holdings, Inc.	43,328	2,540,141
Sony Group Corp.	183,427	15,801,904
Square Enix Holdings Company, Ltd.	12,368	523,980
Subaru Corp.	89,604	2,027,362
SUMCO Corp.	50,937	799,397
Sumitomo Chemical Company, Ltd.	203,001	410,438
Sumitomo Corp. (C)	151,917	3,566,394
Sumitomo Electric Industries, Ltd.	104,900	1,557,627
Sumitomo Metal Mining Company, Ltd.	35,965	936,254
Sumitomo Mitsui Financial Group, Inc.	184,782	10,295,048
Sumitomo Mitsui Trust Holdings, Inc.	95,220	1,929,466
Sumitomo Realty & Development Company, Ltd.	41,885	1,242,401
Suntory Beverage & Food, Ltd.	19,936	654,645
Suzuki Motor Corp.	53,647	2,361,558
Sysmex Corp.	24,456	1,373,323
T&D Holdings, Inc. (C)	74,016	1,288,206
Taisei Corp.	24,695	776,427
Takeda Pharmaceutical Company, Ltd.	230,218	6,733,003
TDK Corp.	56,871	2,965,075
Terumo Corp.	98,047	3,820,080
The Chiba Bank, Ltd.	76,539	623,337
The Kansai Electric Power Company, Inc.	102,371	1,309,212
TIS, Inc.	31,385	708,320
Tobu Railway Company, Ltd.	26,944	688,797
Toho Company, Ltd.	15,814	513,225
Tokio Marine Holdings, Inc.	263,365	7,694,646
Tokyo Electric Power Company Holdings, Inc. (A)	221,494	1,198,238
Tokyo Electron, Ltd.	68,651	17,032,925
Tokyo Gas Company, Ltd.	53,510	1,171,237
Tokyu Corp.	70,739	880,194
TOPPAN Holdings, Inc.	35,988	857,722
Toray Industries, Inc.	204,782	944,851
Tosoh Corp.	38,352	522,611
TOTO, Ltd.	19,280	522,064
Toyota Industries Corp.	21,394	2,131,762
Toyota Motor Corp.	1,541,797	37,136,381
Toyota Tsusho Corp.	31,021	2,009,648
Trend Micro, Inc.	19,420	965,104
Unicharm Corp.	58,653	1,945,117
USS Company, Ltd.	29,193	508,169
West Japan Railway Company	31,585	1,313,359
Yakult Honsha Company, Ltd.	37,066	798,733
Yamaha Corp.	18,894	413,192
Yamaha Motor Company, Ltd.	130,013	1,165,610
Yamato Holdings Company, Ltd.	38,021	577,749
Yaskawa Electric Corp. (C)	35,029	1,435,783
Yokogawa Electric Corp.	33,100	700,655
Zensho Holdings Company, Ltd.	13,400	586,800
ZOZO, Inc. (C)	20,324	461,277
		568,629,182
Jordan - 0.0%		
Hikma Pharmaceuticals PLC	21,221	526,643
Luxembourg - 0.1%		
ArcelorMittal SA	70,459	1,837,953
Eurofins Scientific SE	18,355	1,096,949
Reinet Investments SCA	19,644	495,068
Tenaris SA	82,371	1,463,033
		4,893,003

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Macau - 0.0%		
Sands China, Ltd. (A)	323,678	\$ 919,033
Malaysia - 0.4%		
AMMB Holdings BHD	261,900	239,740
Axiata Group BHD	380,600	223,104
CELCOMDIGI BHD	477,800	438,743
CIMB Group Holdings BHD	881,600	1,200,544
Dialog Group BHD	463,700	205,193
Gamuda BHD	263,500	293,898
Genting BHD	309,500	311,338
Genting Malaysia BHD	401,700	243,289
Hong Leong Bank BHD	90,300	375,485
Hong Leong Financial Group BHD	3,300	11,819
IHH Healthcare BHD	298,400	386,498
Inari Amertron BHD	369,800	247,559
IOI Corp. BHD	339,300	284,497
Kuala Lumpur Kepong BHD	65,300	308,574
Malayan Banking BHD	749,500	1,505,829
Malaysia Airports Holdings BHD	123,200	220,141
Maxis BHD	319,900	250,944
MISC BHD	184,500	295,793
Mr. D.I.Y Group M BHD (B)	406,500	133,606
Nestle Malaysia BHD	8,500	223,915
Petronas Chemicals Group BHD	384,800	567,957
Petronas Dagangan BHD	37,100	178,621
Petronas Gas BHD	104,600	395,542
PPB Group BHD	90,100	296,241
Press Metal Aluminium Holdings BHD	504,800	498,208
Public Bank BHD	2,022,700	1,877,330
QL Resources BHD	153,650	188,044
RHB Bank BHD	212,000	250,380
Sime Darby BHD	393,800	225,017
Sime Darby Plantation BHD	287,200	262,467
Telekom Malaysia BHD	161,200	205,620
Tenaga Nasional BHD	360,900	856,641
		13,202,577
Mexico - 0.6%		
Alfa SAB de CV, Class A	367,644	271,782
America Movil SAB de CV (A)	2,232,036	2,093,976
Arca Continental SAB de CV	61,317	661,008
Banco del Bajio SA (B)	93,954	347,775
Cemex SAB de CV, Series CPO (A)	1,814,784	1,388,432
Coca-Cola Femsa SAB de CV	63,295	616,675
Fibra Uno Administracion SA de CV	348,543	628,203
Fomento Economico Mexicano SAB de CV	231,466	2,882,011
Gruma SAB de CV, Class B	22,005	391,976
Grupo Aeroportuario del Centro Norte SAB de CV	33,900	293,806
Grupo Aeroportuario del Pacifico SAB de CV, B Shares	46,605	689,057
Grupo Aeroportuario del Sureste SAB de CV, B Shares	23,173	679,803
Grupo Bimbo SAB de CV, Series A	156,757	655,842
Grupo Carso SAB de CV, Series A1	67,056	580,810
Grupo Financiero Banorte SAB de CV, Series O	307,681	3,182,549
Grupo Financiero Inbursa SAB de CV, Series O (A)	217,313	660,319
Grupo Mexico SAB de CV, Series B	367,889	1,793,875
Industrias Penoles SAB de CV (A)	23,101	291,293
Kimberly-Clark de Mexico SAB de CV, Class A	182,917	406,631

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Mexico (continued)		
Operadora de Sites Mexicanos SAB de CV, Class A1	150,195	\$ 175,448
Orbia Advance Corp. SAB de CV	120,162	222,005
Prologis Property Mexico SA de CV	83,763	372,515
Promotora y Operadora de Infraestructura SAB de CV	22,397	233,822
Wal-Mart de Mexico SAB de CV	619,497	2,474,462
		21,994,075
Netherlands - 3.3%		
ABN AMRO Bank NV (B)	62,516	1,006,451
Adyen NV (A)(B)	2,864	4,531,535
Aegon, Ltd.	221,999	1,334,262
Akzo Nobel NV	22,509	1,640,662
Argenx SE (A)	8,182	3,066,742
ASM International NV	6,196	3,784,195
ASML Holding NV	53,103	50,394,880
ASR Nederland NV	21,429	989,051
BE Semiconductor Industries NV	10,154	1,839,072
Euronext NV (B)	11,705	1,078,742
EXOR NV	12,549	1,355,496
Heineken Holding NV	16,834	1,300,309
Heineken NV	37,810	3,493,318
IMCD NV	7,503	1,144,654
ING Groep NV	475,407	6,542,486
JDE Peet's NV	12,187	278,299
Koninklijke Ahold Delhaize NV	126,165	3,757,433
Koninklijke KPN NV	438,094	1,601,437
Koninklijke Philips NV (A)	103,853	2,092,356
NEPI Rockcastle NV (A)	66,280	472,944
NN Group NV	36,266	1,618,470
OCI NV	13,651	360,173
Prosus NV (A)	192,721	5,629,002
QIAGEN NV (A)	30,005	1,282,907
Randstad NV	14,507	800,121
Stellantis NV	385,904	10,095,105
Universal Music Group NV	107,813	3,254,921
Wolters Kluwer NV	32,693	5,162,879
		119,907,902
New Zealand - 0.1%		
Auckland International Airport, Ltd.	143,806	709,662
Fisher & Paykel Healthcare Corp., Ltd.	61,932	921,638
Mercury NZ, Ltd.	70,594	287,455
Meridian Energy, Ltd.	135,167	492,185
Spark New Zealand, Ltd.	198,615	613,479
Xero, Ltd. (A)	19,318	1,606,653
		4,631,072
Norway - 0.4%		
Adevinta ASA (A)	48,863	522,374
Aker BP ASA	42,961	1,042,821
DNB Bank ASA	129,386	2,590,790
Equinor ASA	124,435	3,065,927
Gjensidige Forsikring ASA	28,821	455,321
Kongsberg Gruppen ASA	12,497	796,457
Mowi ASA	64,312	1,242,059
Norsk Hydro ASA	185,040	949,764
Orkla ASA	97,440	698,528
Salmar ASA	10,038	637,509
Telenor ASA	87,306	954,944
Yara International ASA	23,136	719,972
		13,676,466

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Peru - 0.0%		
Cia de Minas Buenaventura SAA, ADR (C)	29,989	\$ 452,834
Credicorp, Ltd.	9,485	1,620,797
		2,073,631
Philippines - 0.2%		
Aboitiz Equity Ventures, Inc.	235,260	221,871
Ayala Corp.	35,170	424,442
Ayala Land, Inc.	941,980	587,102
Bank of the Philippine Islands	280,277	624,044
BDO Unibank, Inc.	332,590	906,076
International Container Terminal Services, Inc.	139,730	717,071
JG Summit Holdings, Inc.	364,532	265,643
Jollibee Foods Corp.	62,050	302,153
Manila Electric Company	39,200	272,161
Metropolitan Bank & Trust Company	261,729	288,668
PLDT, Inc.	10,320	240,807
SM Investments Corp.	34,445	576,376
SM Prime Holdings, Inc.	1,395,500	784,746
Universal Robina Corp.	124,190	258,537
		6,469,697
Poland - 0.3%		
Allegro.eu SA (A)(B)	71,030	574,023
Bank Polska Kasa Opieki SA	24,448	1,060,393
Budimex SA	1,671	305,443
CD Projekt SA	8,403	230,946
Cyfrowy Polsat SA (A)	32,091	94,245
Dino Polska SA (A)(B)	6,571	764,613
KGHM Polska Miedz SA	18,801	508,147
LPP SA	149	670,247
mBank SA (A)	1,948	339,435
ORLEN SA	77,340	1,201,347
PGE Polska Grupa Energetyczna SA (A)	118,265	236,346
Powszechna Kasa Oszczednosci Bank Polski SA	117,835	1,642,080
Powszechny Zaklad Ubezpieczen SA	84,580	1,040,776
Santander Bank Polska SA	4,747	654,649
		9,322,690
Portugal - 0.1%		
EDP - Energias de Portugal SA	392,617	1,563,573
Galp Energia SGPS SA	56,422	887,840
Jeronimo Martins SGPS SA	35,274	844,666
		3,296,079
Qatar - 0.2%		
Barwa Real Estate Company	298,795	251,077
Commercial Bank PSQC	424,055	589,048
Dukhan Bank	252,714	289,081
Industries Qatar QSC	202,581	718,370
Masraf Al Rayan QSC	736,169	512,118
Mesaieed Petrochemical Holding Company	593,463	307,943
Ooredoo QPSC	109,876	343,282
Qatar Electricity & Water Company QSC	58,807	279,285
Qatar Fuel QSC	77,727	319,200
Qatar Gas Transport Company, Ltd.	334,693	367,493
Qatar International Islamic Bank QSC	128,900	404,278
Qatar Islamic Bank SAQ	221,662	1,227,404
Qatar National Bank QPSC	613,861	2,568,756
		8,177,335
Saudi Arabia - 1.2%		
ACWA Power Company	13,452	947,084
Advanced Petrochemical Company	17,379	176,955
Al Rajhi Bank	279,839	6,645,677

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Saudi Arabia (continued)		
Alinma Bank	139,544	\$ 1,637,861
Almarai Company JSC	35,335	554,754
Arab National Bank	96,838	720,035
Arabian Internet & Communications Services Company	3,362	329,266
Bank AlBilad	69,903	922,603
Bank Al-Jazira (A)	59,219	307,607
Banque Saudi Fransi	84,437	858,522
Bupa Arabia for Cooperative Insurance Company	11,797	721,803
Dallah Healthcare Company	4,954	247,352
Dar Al Arkan Real Estate Development Company (A)	76,398	284,725
Dr Sulaiman Al Habib Medical Services Group Company	12,422	1,093,878
Elm Company	3,406	960,692
Etihad Etisalat Company	53,770	793,189
Jarir Marketing Company	82,507	342,942
Mobile Telecommunications Company Saudi Arabia	63,632	252,905
Mouwasat Medical Services Company	14,067	463,575
Nahdi Medical Company	5,382	203,853
National Industrialization Company (A)	47,832	168,403
Power & Water Utility Company for Jubail & Yanbu	10,736	217,816
Rabigh Refining & Petrochemical Company (A)	51,973	114,655
Riyad Bank	209,734	1,741,233
SABIC Agri-Nutrients Company	33,085	1,106,092
Sahara International Petrochemical Company	51,299	419,185
Saudi Arabian Mining Company (A)	183,528	2,435,396
Saudi Arabian Oil Company (B)	377,970	3,195,691
Saudi Aramco Base Oil Company	7,329	328,772
Saudi Awwal Bank	143,879	1,584,309
Saudi Basic Industries Corp.	128,270	2,694,827
Saudi Electricity Company	118,645	633,335
Saudi Industrial Investment Group	51,825	286,502
Saudi Kayan Petrochemical Company (A)	101,482	261,358
Saudi Research & Media Group (A)	5,145	339,767
Saudi Tadawul Group Holding Company	6,861	442,943
Saudi Telecom Company	285,531	3,232,095
The Company for Cooperative Insurance	10,475	452,878
The Saudi Investment Bank	70,607	305,071
The Saudi National Bank	417,788	4,721,519
The Savola Group	37,365	528,216
Yanbu National Petrochemical Company	38,446	383,679
		44,059,020
Singapore - 0.3%		
BOC Aviation, Ltd. (B)	25,421	187,128
CapitaLand Ascendas REIT	157,584	321,148
CapitaLand Integrated Commercial Trust	217,207	316,825
CapitaLand Investment, Ltd.	107,030	221,415
City Developments, Ltd.	21,351	89,993
DBS Group Holdings, Ltd.	73,711	1,827,685
Genting Singapore, Ltd.	252,281	170,726
Grab Holdings, Ltd., Class A (A)	79,455	243,927
Jardine Cycle & Carriage, Ltd.	3,975	75,352
JOYY, Inc., ADR	5,021	158,162
Keppel, Ltd.	61,566	331,998
Mapletree Logistics Trust	143,182	157,728
Mapletree Pan Asia Commercial Trust	94,222	94,670
Oversea-Chinese Banking Corp., Ltd.	143,361	1,384,712

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Singapore (continued)		
Sea, Ltd., ADR (A)	15,180	\$ 736,534
Seatrium, Ltd. (A)	1,797,967	120,558
Sembcorp Industries, Ltd.	37,300	141,656
Singapore Airlines, Ltd.	60,669	292,015
Singapore Exchange, Ltd.	34,690	243,711
Singapore Technologies Engineering, Ltd.	63,446	187,843
Singapore Telecommunications, Ltd.	342,856	598,391
United Overseas Bank, Ltd.	52,868	1,100,110
UOL Group, Ltd.	23,280	101,988
Wilmar International, Ltd.	82,401	203,498
		9,307,773
South Africa - 0.6%		
Absa Group, Ltd.	108,587	926,984
Anglo American Platinum, Ltd.	8,022	308,596
Aspen Pharmacare Holdings, Ltd.	50,611	517,050
Bid Corp., Ltd.	42,997	1,005,058
Capitec Bank Holdings, Ltd.	11,061	1,165,362
Clicks Group, Ltd.	30,174	471,159
Discovery, Ltd.	79,335	562,654
Exxaro Resources, Ltd.	30,861	286,363
FirstRand, Ltd.	664,476	2,247,985
Gold Fields, Ltd.	114,161	1,503,892
Harmony Gold Mining Company, Ltd.	68,864	400,310
Impala Platinum Holdings, Ltd.	115,475	391,874
Kumba Iron Ore, Ltd.	7,724	216,264
MTN Group, Ltd.	221,007	963,301
Naspers, Ltd., N Shares	24,371	4,003,271
Nedbank Group, Ltd.	50,873	582,003
Northam Platinum Holdings, Ltd.	42,988	245,671
Old Mutual, Ltd.	686,711	427,397
OUTsurance Group, Ltd.	113,305	245,846
Pepkor Holdings, Ltd. (B)	250,256	243,836
Remgro, Ltd.	69,455	526,834
Sanlam, Ltd.	243,020	931,679
Sasol, Ltd.	75,233	566,983
Shoprite Holdings, Ltd.	63,536	855,984
Sibanye Stillwater, Ltd.	360,172	371,226
Standard Bank Group, Ltd.	176,999	1,864,153
The Bidvest Group, Ltd.	36,181	441,544
Vodacom Group, Ltd.	73,618	361,477
Woolworths Holdings, Ltd.	115,417	386,065
		23,020,821
South Korea - 3.1%		
Amorepacific Corp.	3,937	354,005
Celltrion Pharm, Inc. (A)	2,503	208,563
Celltrion, Inc.	20,487	2,770,588
CJ CheilJedang Corp.	1,134	255,565
CosmoAM&T Company, Ltd. (A)	3,215	429,706
Coway Company, Ltd.	7,413	301,726
DB Insurance Company, Ltd. (A)	6,389	474,093
Doosan Bobcat, Inc.	7,463	263,486
Doosan Enerbility Company, Ltd. (A)	59,895	731,046
Ecopro BM Company, Ltd. (A)	6,507	1,307,860
Ecopro Company, Ltd. (A)	2,648	1,234,990
F&F Company, Ltd.	1,968	107,140
GS Holdings Corp.	6,622	239,033
Hana Financial Group, Inc.	39,089	1,663,154
Hankook Tire & Technology Company, Ltd.	10,156	413,759
Hanmi Pharm Company, Ltd.	943	236,673
Hanmi Semiconductor Company, Ltd.	5,854	374,539
Hanon Systems	24,875	115,260
Hanwha Solutions Corp.	12,991	271,268

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
HD Hyundai Company, Ltd.	5,667	\$ 301,249
HD Hyundai Heavy Industries Company, Ltd.	2,999	265,938
HD Korea Shipbuilding & Offshore Engineering Company, Ltd.	5,697	479,249
HLB, Inc. (A)	15,313	939,448
HMM Company, Ltd. (A)	32,330	443,569
Hotel Shilla Company, Ltd.	4,049	183,037
HYBE Company, Ltd.	2,787	417,413
Hyundai Engineering & Construction Company, Ltd. (A)	10,875	283,664
Hyundai Glovis Company, Ltd. (A)	2,539	363,495
Hyundai Mipo Dockyard Company, Ltd.	3,278	155,175
Hyundai Mobis Company, Ltd.	8,267	1,507,882
Hyundai Motor Company	18,297	3,444,732
Hyundai Steel Company (A)	11,972	323,666
Industrial Bank of Korea (A)	39,164	412,160
JYP Entertainment Corp. (A)	3,841	212,886
Kakao Corp.	41,387	1,661,192
KakaoBank Corp.	22,280	477,445
Kakaopay Corp. (A)	3,659	121,274
Kangwon Land, Inc. (A)	13,162	171,967
KB Financial Group, Inc.	51,554	2,458,828
Kia Corp. (A)	34,735	3,252,863
Korea Aerospace Industries, Ltd. (A)	10,089	389,280
Korea Electric Power Corp.	34,090	634,776
Korea Investment Holdings Company, Ltd. (A)	6,164	329,214
Korea Zinc Company, Ltd.	1,122	377,230
Korean Air Lines Company, Ltd.	25,588	442,066
Krafton, Inc. (A)	3,856	659,050
KT Corp.	9,317	273,293
KT&G Corp.	13,670	954,778
Kum Yang Company, Ltd. (A)	4,291	311,328
Kumho Petrochemical Company, Ltd. (A)	2,255	250,434
L&F Company, Ltd. (A)	3,393	433,431
LG Chem, Ltd.	6,572	2,244,707
LG Corp.	12,897	907,807
LG Display Company, Ltd.	30,147	257,298
LG Electronics, Inc.	14,240	1,017,986
LG Energy Solution, Ltd. (A)	6,217	1,878,841
LG H&H Company, Ltd.	1,254	301,190
LG Innotek Company, Ltd.	1,908	289,954
LG Uplus Corp.	30,326	235,208
Lotte Chemical Corp.	2,633	242,102
Meritz Financial Group, Inc.	13,847	864,247
Mirae Asset Securities Company, Ltd. (A)	36,246	245,971
NAVER Corp.	17,415	2,557,065
NCSOFT Corp.	1,885	274,930
Netmarble Corp. (A)(B)	3,432	159,362
NH Investment & Securities Company, Ltd. (A)	22,757	200,937
Orion Corp.	3,131	218,376
Pearl Abyss Corp. (A)	4,123	94,246
Posco DX Company, Ltd. (A)	7,034	287,037
POSCO Future M Company, Ltd. (A)	4,129	986,941
POSCO Holdings, Inc.	9,559	3,106,617
Posco International Corp. (A)	7,027	298,062
Samsung Biologics Company, Ltd. (A)(B)	2,355	1,370,302
Samsung C&T Corp.	11,332	1,334,161
Samsung Electro-Mechanics Company, Ltd.	7,500	790,358
Samsung Electronics Company, Ltd.	633,276	34,952,351
Samsung Engineering Company, Ltd. (A)	20,785	384,422

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
South Korea (continued)		
Samsung Fire & Marine Insurance Company, Ltd. (A)	4,212	\$ 942,642
Samsung Heavy Industries Company, Ltd. (A)	89,148	529,990
Samsung Life Insurance Company, Ltd.	11,114	808,999
Samsung SDI Company, Ltd.	7,300	2,073,867
Samsung SDS Company, Ltd.	5,137	617,933
Samsung Securities Company, Ltd.	9,786	305,842
Shinhan Financial Group Company, Ltd.	58,555	1,914,139
SK Biopharmaceuticals Company, Ltd. (A)	4,239	308,934
SK Bioscience Company, Ltd. (A)	3,527	162,993
SK Hynix, Inc.	72,414	8,536,487
SK IE Technology Company, Ltd. (A)(B)	3,815	210,426
SK Innovation Company, Ltd. (A)	8,009	706,618
SK Square Company, Ltd. (A)	13,165	690,803
SK Telecom Company, Ltd.	7,428	294,032
SK, Inc.	4,971	717,041
SKC Company, Ltd. (A)	2,566	159,880
S-Oil Corp.	5,904	339,182
Woori Financial Group, Inc.	83,289	933,242
Yuhan Corp.	7,503	380,567
		110,818,561
Spain - 1.6%		
Acciona SA	3,238	362,737
ACS Actividades de Construcción y Servicios SA	27,736	1,140,591
Aena SME SA (B)	9,933	1,887,169
Amadeus IT Group SA	59,871	3,541,904
Banco Bilbao Vizcaya Argentaria SA	791,841	7,898,060
Banco Santander SA	2,146,525	8,945,623
CaixaBank SA	542,958	2,456,178
Cellnex Telecom SA (A)(B)	75,063	2,713,870
Corp ACCIONA Energias Renovables SA	8,586	177,526
EDP Renovaveis SA	38,519	525,435
Enagas SA	32,301	466,526
Endesa SA	41,488	747,205
Ferrovial SE	67,983	2,552,753
Grifols SA (A)	39,500	325,317
Iberdrola SA	814,984	9,360,225
Industria de Diseño Textil SA	144,869	6,444,953
Mapfre SA	9,028	19,166
Naturgy Energy Group SA (C)	16,164	382,701
Redeia Corp. SA	53,051	844,061
Repsol SA	169,992	2,700,338
Telefonica SA	648,988	2,662,526
		56,154,864
Sweden - 2.0%		
Alfa Laval AB	39,628	1,492,059
Assa Abloy AB, B Shares	137,574	3,926,982
Atlas Copco AB, A Shares	368,063	6,394,044
Atlas Copco AB, B Shares	213,836	3,201,410
Beijer Ref AB (C)	52,780	743,227
Boliden AB	37,426	948,540
Epiroc AB, A Shares	90,472	1,642,261
Epiroc AB, B Shares	53,025	874,972
EQT AB	49,435	1,448,286
Essity AB, B Shares	83,200	1,939,897
Evolution AB (B)	25,113	3,253,240
Fastighets AB Balder, B Shares (A)	89,670	557,696
Gefinge AB, B Shares	31,533	624,896
Hennes & Mauritz AB, B Shares	88,272	1,198,649
Hexagon AB, B Shares	284,648	3,339,088
Holmen AB, B Shares	10,336	414,985

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Sweden (continued)		
Husqvarna AB, B Shares	48,336	\$ 373,327
Industrivarden AB, A Shares	12,468	425,637
Industrivarden AB, C Shares	25,169	856,825
Indutrade AB	37,030	981,963
Investment AB Latour, B Shares	19,949	506,728
Investor AB, B Shares	238,145	5,991,554
L.E. Lundbergforetagen AB, B Shares	10,416	566,566
Lifco AB, B Shares	31,629	843,260
Nibe Industrier AB, B Shares	208,154	1,161,931
Saab AB, B Shares	11,182	881,518
Sagax AB, B Shares	26,996	638,530
Sandvik AB	146,257	3,293,310
Securitas AB, B Shares	67,758	728,836
Skandinaviska Enskilda Banken AB, A Shares	217,046	3,228,062
Skanska AB, B Shares	46,700	861,870
SKF AB, B Shares	46,605	1,017,950
Svenska Cellulosa AB SCA, B Shares	82,794	1,172,221
Svenska Handelsbanken AB, A Shares (C)	198,597	2,375,185
Swedbank AB, A Shares	115,969	2,550,492
Swedish Orphan Biovitrum AB (A)	26,713	656,643
Tele2 AB, B Shares	71,669	601,115
Telefonaktiebolaget LM Ericsson, B Shares	400,954	2,177,184
Telia Company AB	318,334	757,676
Volvo AB, A Shares	23,295	650,009
Volvo AB, B Shares	211,543	5,828,756
Volvo Car AB, B Shares (A)	80,005	292,549
		71,419,929
Switzerland - 6.1%		
ABB, Ltd.	212,550	9,807,553
Adecco Group AG	21,272	852,742
Alcon, Inc.	66,406	5,662,298
Avolta AG (A)	12,619	493,544
Bachem Holding AG	4,429	350,454
Baloise Holding AG	6,325	1,020,538
Banque Cantonale Vaudoise	3,947	473,068
Barry Callebaut AG	463	650,444
BKW AG	2,700	378,294
Chocoladefabriken Lindt & Spruengli AG	14	1,682,969
Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	132	1,615,360
Cie Financiere Richemont SA, A Shares	69,368	11,041,805
Clariant AG (A)	27,734	343,483
Coca-Cola HBC AG (A)	27,899	869,709
DSM-Firmenich AG	24,473	2,622,736
EMS-Chemie Holding AG	898	626,658
Geberit AG	4,426	2,573,229
Givaudan SA	1,225	5,140,028
Glencore PLC	1,335,058	6,347,081
Helvetia Holding AG	5,068	716,091
Holcim, Ltd. (A)	69,361	5,661,213
Julius Baer Group, Ltd.	27,556	1,476,156
Kuehne + Nagel International AG	7,180	2,417,405
Logitech International SA	21,778	1,927,058
Lonza Group AG	9,898	5,166,328
Nestle SA	354,371	36,754,268
Novartis AG	272,102	27,454,432
Partners Group Holding AG	3,033	4,361,049
Roche Holding AG	93,327	24,401,394
Roche Holding AG, Bearer Shares	4,164	1,151,110
Sandoz Group AG (A)	54,350	1,681,209
Schindler Holding AG	2,753	700,146

John Hancock Funds II

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International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Switzerland (continued)		
Schindler Holding AG, Participation Certificates	5,685	\$ 1,497,875
SGS SA	19,497	1,872,140
SIG Group AG (A)	40,228	796,947
Sika AG	20,285	5,866,755
Sonova Holding AG	6,747	2,081,092
Straumann Holding AG	14,877	2,351,469
Swiss Life Holding AG	3,990	2,900,321
Swiss Prime Site AG	10,024	958,009
Swiss Re AG	40,502	4,888,371
Swisscom AG	3,390	1,937,646
Temenos AG	8,464	636,965
The Swatch Group AG	5,132	234,453
The Swatch Group AG, Bearer Shares	4,144	978,338
UBS Group AG	437,888	12,502,495
VAT Group AG (B)	3,586	1,799,994
Zurich Insurance Group AG	19,605	10,430,457
		218,153,179
Taiwan - 4.7%		
Accton Technology Corp.	72,000	1,184,864
Acer, Inc.	414,000	592,091
Advantech Company, Ltd.	65,682	810,645
Airtac International Group	20,000	766,265
Alchip Technologies, Ltd.	10,000	1,311,826
ASE Technology Holding Company, Ltd.	443,000	1,955,687
Asia Cement Corp.	342,000	437,781
Asustek Computer, Inc.	102,000	1,469,684
AUO Corp. (A)	930,800	516,242
Catcher Technology Company, Ltd.	83,000	517,141
Cathay Financial Holding Company, Ltd. (A)	1,392,000	1,986,158
Chailease Holding Company, Ltd.	218,895	1,210,238
Chang Hwa Commercial Bank, Ltd.	801,287	451,490
Cheng Shin Rubber Industry Company, Ltd.	275,000	408,778
China Airlines, Ltd.	420,000	265,987
China Development Financial Holding Corp. (A)	2,382,548	947,051
China Steel Corp.	1,669,000	1,299,807
Chunghwa Telecom Company, Ltd.	545,000	2,076,266
Compal Electronics, Inc.	598,000	690,550
CTBC Financial Holding Company, Ltd.	2,559,000	2,382,209
Delta Electronics, Inc.	279,000	2,599,905
E Ink Holdings, Inc.	122,000	949,805
E.Sun Financial Holding Company, Ltd.	2,001,873	1,600,424
Eclat Textile Company, Ltd.	24,340	416,013
eMemory Technology, Inc.	9,000	772,760
Eva Airways Corp.	388,000	386,258
Evergreen Marine Corp. Taiwan, Ltd.	145,560	762,547
Far Eastern New Century Corp.	429,000	442,495
Far EasTone Telecommunications Company, Ltd.	251,000	625,341
Feng TAY Enterprise Company, Ltd.	75,110	392,917
First Financial Holding Company, Ltd.	1,549,252	1,328,756
Formosa Chemicals & Fibre Corp.	501,000	907,369
Formosa Petrochemical Corp.	151,000	355,107
Formosa Plastics Corp.	548,000	1,243,678
Fubon Financial Holding Company, Ltd.	1,137,317	2,448,562
Gigabyte Technology Company, Ltd.	73,000	798,452
Global Unichip Corp.	12,000	604,799
Globalwafers Company, Ltd.	31,000	547,533
Hon Hai Precision Industry Company, Ltd.	1,795,800	5,855,167
Hotai Motor Company, Ltd.	43,820	930,619

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Taiwan (continued)		
Hua Nan Financial Holdings Company, Ltd.	1,254,104	\$ 873,377
Innolux Corp. (A)	1,231,822	591,045
Inventec Corp.	384,000	668,868
Largan Precision Company, Ltd.	13,000	1,066,903
Lite-On Technology Corp.	289,000	1,002,731
MediaTek, Inc.	218,000	7,866,818
Mega Financial Holding Company, Ltd.	1,648,474	2,019,611
Micro-Star International Company, Ltd.	103,000	623,313
momo.com, Inc.	11,220	158,074
Nan Ya Plastics Corp.	681,000	1,287,803
Nan Ya Printed Circuit Board Corp.	32,000	214,396
Nanya Technology Corp.	177,000	376,833
Nien Made Enterprise Company, Ltd.	24,000	280,950
Novatek Microelectronics Corp.	82,000	1,560,736
Pegatron Corp.	286,000	774,419
PharmaEssentia Corp. (A)	33,000	343,491
Pou Chen Corp.	326,000	314,942
Powerchip Semiconductor Manufacturing Corp.	422,000	368,901
President Chain Store Corp.	79,000	673,560
Quanta Computer, Inc.	389,000	2,858,503
Realtek Semiconductor Corp.	69,000	1,243,590
Ruentex Development Company, Ltd. (A)	223,117	256,759
Shin Kong Financial Holding Company, Ltd. (A)	1,946,988	511,153
SinoPac Financial Holdings Company, Ltd.	1,525,272	970,569
Synnex Technology International Corp.	181,000	445,901
Taishin Financial Holding Company, Ltd.	1,610,003	886,546
Taiwan Business Bank	876,768	388,465
Taiwan Cement Corp.	974,442	990,683
Taiwan Cooperative Financial Holding Company, Ltd.	1,449,932	1,191,321
Taiwan High Speed Rail Corp.	258,000	246,546
Taiwan Mobile Company, Ltd.	239,000	748,989
Taiwan Semiconductor Manufacturing Company, Ltd.	3,538,816	77,551,443
The Shanghai Commercial & Savings Bank, Ltd.	544,000	774,544
Unimicron Technology Corp.	196,000	1,113,659
Uni-President Enterprises Corp.	694,000	1,685,199
United Microelectronics Corp.	1,617,000	2,493,137
Vanguard International Semiconductor Corp.	128,000	292,396
Voltronic Power Technology Corp.	9,000	457,390
Walsin Lihwa Corp.	406,000	475,550
Wan Hai Lines, Ltd.	95,545	152,205
Winbond Electronics Corp.	447,000	395,196
Wistron Corp.	375,000	1,373,162
Wiwynn Corp.	13,000	959,762
WPG Holdings, Ltd.	227,960	669,315
Yageo Corp.	48,646	859,495
Yang Ming Marine Transport Corp.	250,000	394,422
Yuanta Financial Holding Company, Ltd.	1,486,471	1,291,776
Zhen Ding Technology Holding, Ltd.	94,000	299,153
		168,292,867
Thailand - 0.0%		
Advanced Info Service PCL, NVDR	4,191	23,513
Airports of Thailand PCL, NVDR	6,067	10,752
Bangkok Dusit Medical Services PCL, NVDR	57,055	45,328
Banpu PCL, NVDR	23,119	3,608
Berli Jucker PCL, NVDR	1,820	1,230

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Thailand (continued)		
Bumrungrad Hospital PCL, NVDR	1,679	\$ 10,476
Central Pattana PCL, NVDR	9,486	17,125
Central Retail Corp. PCL, NVDR	1,383	1,342
Charoen Pokphand Foods PCL, NVDR	31,772	16,741
CP ALL PCL, NVDR	22,340	35,821
Delta Electronics Thailand PCL, NVDR	14,669	29,202
Electricity Generating PCL, NVDR	2,593	8,497
Energy Absolute PCL, NVDR	4,359	4,290
Global Power Synergy PCL, NVDR	2,804	3,988
Gulf Energy Development PCL, NVDR	7,816	9,384
Indorama Ventures PCL, NVDR	11,692	7,598
Kasikornbank PCL, NVDR	4,465	15,322
Krung Thai Bank PCL, NVDR	48,256	21,658
Krungthai Card PCL, NVDR	3,844	4,584
Land & Houses PCL, NVDR	68,525	14,508
Minor International PCL, NVDR	10,329	9,146
Muangthai Capital PCL, NVDR	6,569	8,407
Osotsa PCL, NVDR	1,426	809
PTT Exploration & Production PCL, NVDR	4,392	18,444
PTT Global Chemical PCL, NVDR	17,844	18,886
PTT Oil & Retail Business PCL, NVDR	6,916	3,489
PTT PCL, NVDR	55,110	52,601
Ratch Group PCL, NVDR	2,594	2,097
SCB X PCL, NVDR	5,292	16,622
SCG Packaging PCL, NVDR	3,121	2,437
Thai Oil PCL, NVDR	6,069	9,475
The Siam Cement PCL, NVDR	4,498	33,737
TMBThanachart Bank PCL, NVDR	97,100	4,988
		466,105
Turkey - 0.2%		
Akbank TAS	399,505	530,943
Aselsan Elektronik Sanayi Ve Ticaret AS	177,468	340,564
BIM Birlesik Magazalar AS	58,242	722,847
Eregli Demir ve Celik Fabrikalari TAS	180,996	263,686
Ford Otomotiv Sanayi AS	8,638	281,012
Haci Omer Sabanci Holding AS	133,957	340,628
Hektas Ticaret TAS (A)	145,049	88,570
KOC Holding AS	98,334	529,213
Koza Altin Isletmeleri AS	119,316	87,355
Pegasus Hava Tasimaciligi AS (A)	6,051	166,126
Petkim Petrokimya Holding AS (A)	1	1
Sasa Polyester Sanayi AS (A)	171,260	216,751
Tofas Turk Otomobil Fabrikasi AS	15,958	136,450
Turk Hava Yollari AO (A)	71,486	644,380
Turkcell Iletisim Hizmetleri AS	156,662	335,597
Turkiye Is Bankasi AS, Class C	1,120,679	397,418
Turkiye Petrol Rafinerileri AS	122,105	632,370
Turkiye Sise ve Cam Fabrikalari AS	174,285	285,287
Yapi ve Kredi Bankasi AS	435,149	321,134
		6,320,332
United Arab Emirates - 0.3%		
Abu Dhabi Commercial Bank PJSC	391,954	914,970
Abu Dhabi Islamic Bank PJSC	193,727	592,769
Abu Dhabi National Oil Company for Distribution PJSC	403,055	383,995
Aldar Properties PJSC	517,032	778,941
Americana Restaurants International PLC	328,764	307,137
Dubai Islamic Bank PJSC	383,512	672,651
Emaar Properties PJSC	888,016	1,964,113
Emirates NBD Bank PJSC	252,639	1,257,780
Emirates Telecommunications Group Company PJSC	462,027	2,277,904

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Arab Emirates (continued)		
First Abu Dhabi Bank PJSC	585,189	\$ 2,173,960
Multiply Group PJSC (A)	521,721	322,659
NMC Health PLC (A)(D)	5,577	0
		11,646,879
United Kingdom - 7.7%		
3i Group PLC	125,111	3,908,875
abrdn PLC	249,371	496,599
Admiral Group PLC	33,516	1,130,880
Anglo American PLC	162,097	3,492,720
AngloGold Ashanti PLC	51,500	970,176
Ashtead Group PLC	56,090	4,034,286
Associated British Foods PLC	43,993	1,265,952
AstraZeneca PLC	197,880	24,943,618
Auto Trader Group PLC (B)	115,571	1,082,193
Aviva PLC	358,208	2,023,237
BAE Systems PLC	389,874	6,119,760
Barclays PLC	1,927,048	4,027,566
Barratt Developments PLC	125,049	737,807
BP PLC	2,172,775	12,624,052
British American Tobacco PLC	271,872	8,077,754
BT Group PLC	826,257	1,090,644
Bunzl PLC	42,980	1,713,159
Burberry Group PLC	45,931	745,777
Centrica PLC	695,000	1,105,800
Coca-Cola Europacific Partners PLC	27,385	1,879,433
Compass Group PLC	218,656	5,999,656
Croda International PLC	17,869	1,077,275
Diageo PLC	286,893	10,748,599
Endeavour Mining PLC	27,395	442,013
Entain PLC	81,917	945,257
GSK PLC	522,328	10,926,362
Haleon PLC	704,413	2,955,195
Halma PLC	48,464	1,411,355
Hargreaves Lansdown PLC	44,943	414,206
HSBC Holdings PLC	2,490,071	19,382,280
Imperial Brands PLC	108,869	2,345,303
Informa PLC	176,207	1,806,648
InterContinental Hotels Group PLC	21,183	2,249,509
Intertek Group PLC	20,541	1,202,359
J Sainsbury PLC	212,193	669,861
JD Sports Fashion PLC	328,755	491,256
Kingfisher PLC	242,946	720,484
Land Securities Group PLC	90,262	707,155
Legal & General Group PLC	777,822	2,384,854
Lloyds Banking Group PLC	8,124,264	4,803,707
London Stock Exchange Group PLC	53,259	5,981,729
M&G PLC	281,803	801,183
Melrose Industries PLC	173,268	1,391,518
Mondi PLC	56,637	1,006,983
National Grid PLC	470,427	6,155,583
NatWest Group PLC	736,960	2,228,288
Next PLC	15,331	1,611,885
Ocado Group PLC (A)	74,505	482,556
Pearson PLC	81,644	992,519
Pepco Group NV (A)	23,175	116,301
Persimmon PLC	40,944	705,611
Phoenix Group Holdings PLC	95,970	604,426
Reckitt Benckiser Group PLC	91,484	5,780,262
RELX PLC	241,127	10,562,416
Rentokil Initial PLC	321,235	1,788,320
Rio Tinto PLC	143,749	9,221,606
Rolls-Royce Holdings PLC (A)	1,077,688	5,029,930
Schroders PLC	109,557	546,048

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
United Kingdom (continued)		
Segro PLC	148,859	\$ 1,592,131
Severn Trent PLC	33,723	1,064,199
Shell PLC	845,228	26,142,921
Shell PLC, Dividend Reinvestment Plan (A)	845,228	289,349
Smith & Nephew PLC	111,385	1,469,485
Smiths Group PLC	44,741	910,906
Spirax-Sarco Engineering PLC	9,438	1,231,426
SSE PLC	139,075	2,858,343
St. James's Place PLC	70,210	447,055
Standard Chartered PLC	291,509	2,464,714
Taylor Wimpey PLC	455,056	793,052
Tesco PLC	905,792	3,194,779
The Berkeley Group Holdings PLC	13,576	797,637
The Sage Group PLC	131,225	2,067,148
Unilever PLC	318,999	15,578,180
Unilever PLC, Dividend Reinvestment Plan (A)	318,999	146,856
United Utilities Group PLC	85,875	1,111,560
Vodafone Group PLC	2,943,778	2,585,856
Whitbread PLC	24,703	1,031,852
Wise PLC, Class A (A)	78,186	908,316
WPP PLC	136,932	1,225,071
		276,071,622
United States - 0.1%		
BeiGene, Ltd. (A)	84,683	1,090,272
Brookfield Renewable Corp., Class A	18,919	449,155
Legend Biotech Corp., ADR (A)	8,910	580,576
Parade Technologies, Ltd.	10,402	334,604
RB Global, Inc.	25,103	1,893,892
Southern Copper Corp.	11,869	959,727
		5,308,226
TOTAL COMMON STOCKS (Cost \$3,199,814,396)		\$ 3,395,192,429
PREFERRED SECURITIES - 0.9%		
Brazil - 0.4%		
Banco Bradesco SA	718,087	1,986,220
Centrais Eletricas Brasileiras SA, B Shares	35,200	339,247
Cia Energetica de Minas Gerais	188,394	453,637
Companhia Paranaense de Energia, B Shares	130,600	268,498
Gerdau SA	155,945	674,462
Itau Unibanco Holding SA	649,500	4,434,437
Itausa SA	729,192	1,510,868
Petroleo Brasileiro SA	648,800	5,238,847
		14,906,216
Chile - 0.0%		
Sociedad Quimica y Minera de Chile SA, B Shares	18,340	909,529
Colombia - 0.0%		
Bancolombia SA	65,051	531,678
Germany - 0.3%		
Bayerische Motoren Werke AG	7,597	832,888
Dr. Ing. h.c. F. Porsche AG (B)	15,323	1,432,723
Henkel AG & Company KGaA	23,604	1,775,820
Porsche Automobil Holding SE	20,819	1,112,977
Sartorius AG (C)	3,581	1,356,234
Volkswagen AG	28,336	3,848,053
		10,358,695
South Korea - 0.2%		
Hyundai Motor Company	3,149	377,794
Hyundai Motor Company, 2nd Preferred	4,846	586,161

International Strategic Equity Allocation Fund (continued)

	Shares or Principal Amount	Value
PREFERRED SECURITIES (continued)		
South Korea (continued)		
LG Chem, Ltd.	1,034	\$ 233,765
Samsung Electronics Company, Ltd.	109,331	5,235,498
		6,433,218
TOTAL PREFERRED SECURITIES (Cost \$32,595,986)		\$ 33,139,336
RIGHTS - 0.0%		
LG Display Company, Ltd. (Expiration Date: 3-8-24; Strike Price: KRW 9,090.00) (A)	9,583	9,428
Magazine Luiza SA (Expiration Date: 3-8-24; Strike Price: BRL 1.95) (A)	38,613	1,554
TOTAL RIGHTS (Cost \$0)		\$ 10,982
WARRANTS - 0.0%		
BTS Group Holdings PCL (Expiration Date: 11-20-26; Strike Price: THB 14.90) (A)	100,920	254
BTS Group Holdings PCL (Expiration Date: 11-7-24; Strike Price: THB 11.90) (A)	50,460	28
Constellation Software, Inc. (Expiration Date: 3-31-40) (A)(D)(E)	2,017	0
Srisawad Corp. PCL (Expiration Date: 8-29-25; Strike Price: THB 100.00) (A)	2,652	77
TOTAL WARRANTS (Cost \$0)		\$ 359
SHORT-TERM INVESTMENTS - 5.3%		
U.S. Government - 3.7%		
U.S. Treasury Bill		
5.265%, 03/05/2024 *	\$ 34,500,000	\$ 34,479,796
5.265%, 03/12/2024 *	30,000,000	29,951,609
5.278%, 04/11/2024 *	16,700,000	16,599,577
5.280%, 03/19/2024 *	50,000,000	49,867,375
		130,898,357
U.S. Government Agency - 0.5%		
Federal Home Loan Bank Discount Note 5.150%, 03/01/2024 *	19,100,000	19,097,209
Short-term funds - 1.1%		
John Hancock Collateral Trust, 5.2759% (F)(G)	3,902,462	39,025,399
TOTAL SHORT-TERM INVESTMENTS (Cost \$189,017,347)		\$ 189,020,965
Total Investments (International Strategic Equity Allocation Fund)		
(Cost \$3,421,427,729) - 100.7%		\$ 3,617,364,071
Other assets and liabilities, net - (0.7%)		(24,347,482)
TOTAL NET ASSETS - 100.0%		\$ 3,593,016,589

Currency Abbreviations

BRL	Brazilian Real
KRW	Korean Won
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 2-29-24.

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

International Strategic Equity Allocation Fund (continued)

- (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 2-29-24.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Canadian Dollar Currency Futures	165	Long	Mar 2024	\$12,216,717	\$12,160,500	\$(56,217)
Mini MSCI EAFE Index Futures	961	Long	Mar 2024	104,812,164	109,899,960	5,087,796
Mini MSCI Emerging Markets Index Futures	842	Long	Mar 2024	41,264,788	42,790,440	1,525,652
S&P/TSX 60 Index Futures	65	Long	Mar 2024	11,954,935	12,362,524	407,589
						\$6,964,820

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

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

Mid Value Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 95.1%		
Communication services – 2.5%		
Entertainment – 0.2%		
Sphere Entertainment Company (A)	79,178	\$ 3,428,407
Media – 2.3%		
News Corp., Class A	1,058,844	28,461,727
News Corp., Class B	125,596	3,515,432
Scholastic Corp.	38,144	1,504,399
		33,481,558
		36,909,965
Consumer discretionary – 8.4%		
Automobiles – 1.6%		
General Motors Company	403,214	16,523,710
Rivian Automotive, Inc., Class A (A)(B)	637,300	7,214,236
		23,737,946
Diversified consumer services – 1.1%		
Bright Horizons Family Solutions, Inc. (A)	148,470	17,053,264
Hotels, restaurants and leisure – 0.7%		
Compass Group PLC	362,881	9,956,947
Specialty retail – 3.3%		
Advance Auto Parts, Inc.	245,500	16,581,070
Bath & Body Works, Inc.	375,171	17,145,315
Burlington Stores, Inc. (A)	71,125	14,587,738
		48,314,123
Textiles, apparel and luxury goods – 1.7%		
Puma SE	178,382	8,204,395
Ralph Lauren Corp.	93,224	17,332,206
		25,536,601
		124,598,881
Consumer staples – 5.7%		
Beverages – 1.2%		
Constellation Brands, Inc., Class A	44,857	11,147,862
Monster Beverage Corp. (A)	118,060	6,977,346
		18,125,208
Consumer staples distribution and retail – 1.6%		
Dollar General Corp.	94,481	13,729,034

International Strategic Equity Allocation Fund (continued)

- (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.

Mid Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Consumer staples distribution and retail (continued)		
Sysco Corp.	130,615	\$ 10,575,897
		24,304,931
Food products – 2.1%		
Flowers Foods, Inc.	666,447	14,941,742
Tyson Foods, Inc., Class A	304,174	16,498,398
		31,440,140
Personal care products – 0.8%		
Kenvue, Inc.	578,359	10,988,821
		84,859,100
Energy – 6.3%		
Energy equipment and services – 3.8%		
Baker Hughes Company	319,729	9,460,781
Expro Group Holdings NV (A)	405,123	7,247,650
SEACOR Marine Holdings, Inc. (A)	174,214	1,829,247
TechnipFMC PLC	910,267	19,743,691
Tidewater, Inc. (A)	265,270	18,576,858
		56,858,227
Oil, gas and consumable fuels – 2.5%		
Cameco Corp.	209,275	8,481,916
Chesapeake Energy Corp.	189,500	15,686,810
Suncor Energy, Inc.	386,297	13,273,165
		37,441,891
		94,300,118
Financials – 16.2%		
Banks – 5.1%		
Fifth Third Bancorp	763,224	26,209,112
Popular, Inc.	225,302	18,853,271
Webster Financial Corp.	333,533	15,889,512
Western Alliance Bancorp	245,357	14,164,460
		75,116,355
Capital markets – 1.7%		
Main Street Capital Corp. (B)	204,574	9,351,078
Morningstar, Inc.	38,778	11,578,723

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Mid Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Capital markets (continued)		
Open Lending Corp. (A)	666,800	\$ 4,840,968
		25,770,769
Consumer finance – 0.8%		
OneMain Holdings, Inc.	257,090	12,142,361
Financial services – 5.3%		
Apollo Global Management, Inc.	112,665	12,595,947
Corebridge Financial, Inc.	461,372	11,455,867
FleetCor Technologies, Inc. (A)	73,874	20,630,792
Global Payments, Inc.	133,094	17,262,292
Jackson Financial, Inc., Class A (B)	151,044	8,314,972
The Western Union Company	654,100	8,771,481
		79,031,351
Insurance – 3.3%		
Assurant, Inc.	56,707	10,289,485
Kemper Corp.	132,901	7,619,214
RenaissanceRe Holdings, Ltd.	56,516	12,705,927
The Allstate Corp.	74,000	11,804,480
The Hanover Insurance Group, Inc.	55,702	7,323,142
		49,742,248
		241,803,084
Health care – 9.7%		
Biotechnology – 0.3%		
Alkermes PLC (A)	179,054	5,316,113
Health care equipment and supplies – 3.5%		
Baxter International, Inc.	436,016	17,841,775
Dentsply Sirona, Inc.	349,471	11,420,712
Teleflex, Inc.	32,694	7,283,896
Zimmer Biomet Holdings, Inc.	126,581	15,741,613
		52,287,996
Health care providers and services – 2.5%		
Centene Corp. (A)	122,565	9,612,773
Select Medical Holdings Corp.	1,011,761	27,550,252
		37,163,025
Life sciences tools and services – 0.8%		
Charles River Laboratories International, Inc. (A)	47,552	12,087,243
Pharmaceuticals – 2.6%		
Catalent, Inc. (A)	282,796	16,215,523
Elanco Animal Health, Inc. (A)	691,251	10,983,978
Viatis, Inc.	902,529	11,164,284
		38,363,785
		145,218,162
Industrials – 15.8%		
Aerospace and defense – 5.1%		
Huntington Ingalls Industries, Inc.	48,622	14,179,148
L3Harris Technologies, Inc.	75,019	15,878,522
Rolls-Royce Holdings PLC (A)	2,785,752	13,001,942
Spirit AeroSystems Holdings, Inc., Class A (A)	556,819	15,925,023
Textron, Inc.	188,850	16,820,870
		75,805,505
Building products – 1.4%		
Armstrong World Industries, Inc.	87,110	10,506,337
Trane Technologies PLC	37,464	10,563,724
		21,070,061
Construction and engineering – 0.5%		
API Group Corp. (A)	199,138	6,979,787
Ground transportation – 1.9%		
JB Hunt Transport Services, Inc.	70,637	14,573,119

Mid Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Ground transportation (continued)		
Norfolk Southern Corp.	57,494	\$ 14,567,830
		29,140,949
Machinery – 3.9%		
Esab Corp.	138,744	13,752,305
Stanley Black & Decker, Inc.	358,051	31,970,374
The Middleby Corp. (A)	84,453	12,850,368
		58,573,047
Passenger airlines – 0.9%		
Southwest Airlines Company	403,311	13,821,468
Professional services – 1.4%		
SS&C Technologies Holdings, Inc.	207,091	13,204,122
Verra Mobility Corp. (A)	326,854	7,066,583
		20,270,705
Trading companies and distributors – 0.7%		
Ashtead Group PLC	139,851	10,058,748
		235,720,270
Information technology – 12.2%		
Electronic equipment, instruments and components – 3.9%		
Corning, Inc.	850,441	27,418,218
TE Connectivity, Ltd.	118,311	16,984,727
Zebra Technologies Corp., Class A (A)	47,308	13,221,640
		57,624,585
IT services – 0.6%		
GoDaddy, Inc., Class A (A)	84,900	9,691,335
Semiconductors and semiconductor equipment – 3.3%		
Marvell Technology, Inc.	162,023	11,610,568
MKS Instruments, Inc.	300,453	36,883,610
		48,494,178
Software – 0.6%		
DocuSign, Inc. (A)	121,400	6,466,978
Fortinet, Inc. (A)	40,500	2,798,955
		9,265,933
Technology hardware, storage and peripherals – 3.8%		
Pure Storage, Inc., Class A (A)	253,990	13,372,574
Western Digital Corp. (A)	728,167	43,304,089
		56,676,663
		181,752,694
Materials – 5.5%		
Chemicals – 1.4%		
FMC Corp.	207,992	11,728,669
The Scotts Miracle-Gro Company	127,653	8,386,802
		20,115,471
Construction materials – 1.9%		
Summit Materials, Inc., Class A (A)	547,186	23,370,314
Vulcan Materials Company	19,863	5,280,579
		28,650,893
Containers and packaging – 1.0%		
Ball Corp.	241,442	15,457,117
Metals and mining – 1.2%		
Franco-Nevada Corp.	75,903	7,946,842
Freeport-McMoRan, Inc.	240,009	9,074,740
		17,021,582
		81,245,063
Real estate – 6.5%		
Industrial REITs – 1.1%		
Rexford Industrial Realty, Inc.	329,993	16,790,044
Office REITs – 0.8%		
Douglas Emmett, Inc.	196,228	2,594,134

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Mid Value Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Office REITs (continued)		
Vornado Realty Trust	316,870	\$ 8,333,681
		10,927,815
Residential REITs – 2.1%		
Apartment Investment and Management Company, Class A (A)	1,033,393	7,626,440
Equity Residential	194,779	11,727,644
Sun Communities, Inc.	91,385	12,223,658
		31,577,742
Retail REITs – 1.1%		
Regency Centers Corp.	192,745	11,940,553
Simon Property Group, Inc.	29,887	4,427,460
		16,368,013
Specialized REITs – 1.4%		
Rayonier, Inc.	333,183	11,471,491
Weyerhaeuser Company	271,320	9,327,982
		20,799,473
		96,463,087
Utilities – 6.3%		
Electric utilities – 4.2%		
Constellation Energy Corp.	119,649	20,154,874
Eversource, Inc.	139,969	6,934,064
FirstEnergy Corp.	568,090	20,797,775
PG&E Corp.	842,037	14,053,598
		61,940,311
Multi-utilities – 2.1%		
Ameren Corp.	230,946	16,441,046
CenterPoint Energy, Inc.	276,421	7,601,578
Dominion Energy, Inc.	154,500	7,389,735
		31,432,359
		93,372,670
TOTAL COMMON STOCKS (Cost \$1,052,817,735)		\$ 1,416,243,094
CONVERTIBLE BONDS - 0.2%		
Information technology - 0.2%		
Wolfspeed, Inc.		
0.250%, 02/15/2028	\$ 2,115,000	1,168,538
1.875%, 12/01/2029	2,699,000	1,406,179
		2,574,717
TOTAL CONVERTIBLE BONDS (Cost \$2,587,695)		\$ 2,574,717
SHORT-TERM INVESTMENTS – 5.7%		
Short-term funds – 5.7%		
John Hancock Collateral Trust, 5.2759% (C)(D)	1,188,974	11,890,221
State Street Institutional U.S. Government Money Market Fund, Premier Class, 5.2628% (C)	2,014,706	2,014,706
T. Rowe Price Government Reserve Fund, 5.3661% (C)	70,873,283	70,873,283
TOTAL SHORT-TERM INVESTMENTS (Cost \$84,770,839)		\$ 84,778,210
Total Investments (Mid Value Fund)		\$ 1,503,596,021
(Cost \$1,140,176,269) – 101.0%		(15,503,200)
Other assets and liabilities, net – (1.0%)		\$ 1,488,092,821

Security Abbreviations and Legend

- (A) Non-income producing security.
 (B) All or a portion of this security is on loan as of 2-29-24.
 (C) The rate shown is the annualized seven-day yield as of 2-29-24.

Mid Value Fund (continued)

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

Science & Technology Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 100.1%		
Communication services – 14.1%		
Entertainment – 1.3%		
Netflix, Inc. (A)	2,000	\$ 1,205,840
Spotify Technology SA (A)	5,854	1,501,024
		2,706,864
Interactive media and services – 12.6%		
Alphabet, Inc., Class A (A)	62,489	8,652,227
Alphabet, Inc., Class C (A)	12,761	1,783,733
Meta Platforms, Inc., Class A	30,073	14,739,679
Pinterest, Inc., Class A (A)	38,347	1,407,335
TripAdvisor, Inc. (A)	4,600	123,372
		26,706,346
Wireless telecommunication services – 0.2%		
T-Mobile US, Inc.	3,100	506,230
		29,919,440
Consumer discretionary – 0.8%		
Broadline retail – 0.3%		
MercadoLibre, Inc. (A)	140	223,342
PDD Holdings, Inc., ADR (A)	2,299	286,317
		509,659
Hotels, restaurants and leisure – 0.4%		
DoorDash, Inc., Class A (A)	6,700	834,619
Specialty retail – 0.1%		
Carvana Company (A)	3,900	296,127
		1,640,405
Financials – 0.8%		
Capital markets – 0.3%		
Coinbase Global, Inc., Class A (A)	2,800	569,968
Financial services – 0.5%		
Adyen NV (A)(B)	684	1,082,250
		1,652,218
Industrials – 1.3%		
Aerospace and defense – 0.1%		
Axon Enterprise, Inc. (A)	400	122,948
Electrical equipment – 0.3%		
Vertiv Holdings Company, Class A	9,573	647,326
Ground transportation – 0.9%		
Lyft, Inc., Class A (A)	14,300	227,084
Uber Technologies, Inc. (A)	22,530	1,791,135
		2,018,219
		2,788,493
Information technology – 83.1%		
Communications equipment – 1.4%		
Arista Networks, Inc. (A)	8,630	2,395,170
Ciena Corp. (A)	11,200	638,176
		3,033,346
Electronic equipment, instruments and components – 2.1%		
Amphenol Corp., Class A	9,078	991,681
Celestica, Inc. (New York Stock Exchange) (A)	29,896	1,271,477
Coherent Corp. (A)	7,600	452,048
Corning, Inc.	35,630	1,148,711
Fabrinet (A)	400	86,228
Insight Enterprises, Inc. (A)	461	86,668

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

Science & Technology Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electronic equipment, instruments and components (continued)		
Keysight Technologies, Inc. (A)	2,169	\$ 334,677
		4,371,490
IT services – 2.7%		
Endava PLC, ADR (A)	3,839	142,696
Gartner, Inc. (A)	2,448	1,139,691
GoDaddy, Inc., Class A (A)	13,831	1,578,809
MongoDB, Inc. (A)	1,676	750,144
Shopify, Inc., Class A (A)	15,786	1,205,577
Snowflake, Inc., Class A (A)	5,469	1,029,703
		5,846,620
Semiconductors and semiconductor equipment – 34.4%		
Advanced Micro Devices, Inc. (A)	30,886	5,946,482
ARM Holdings PLC, ADR (A)	3,200	451,328
Broadcom, Inc.	9,498	12,352,054
Enphase Energy, Inc. (A)	1,400	177,814
Entegris, Inc.	10,798	1,450,819
KLA Corp.	4,167	2,843,144
Lam Research Corp.	9,670	9,072,878
Lattice Semiconductor Corp. (A)	2,900	222,169
Marvell Technology, Inc.	6,050	433,543
MaxLinear, Inc. (A)	5,363	104,257
Micron Technology, Inc.	25,193	2,282,738
MKS Instruments, Inc.	4,564	560,277
Monolithic Power Systems, Inc.	1,957	1,409,118
NVIDIA Corp.	40,799	32,276,906
Qualcomm, Inc.	20,921	3,301,125
Silergy Corp.	17,000	224,317
SolarEdge Technologies, Inc. (A)	1,500	100,755
		73,209,724
Software – 37.8%		
Adobe, Inc. (A)	7,925	4,440,219
AppLovin Corp., Class A (A)	5,000	298,600
Atlassian Corp., Class A (A)	3,232	670,381
Autodesk, Inc. (A)	15,433	3,984,338
Braze, Inc., Class A (A)	7,489	426,124
Cadence Design Systems, Inc. (A)	14,999	4,565,396
Confluent, Inc., Class A (A)	4,800	162,576
Crowdstrike Holdings, Inc., Class A (A)	7,689	2,492,389
Datadog, Inc., Class A (A)	9,468	1,244,663
Dynatrace, Inc. (A)	2,648	131,208
Elastic NV (A)	3,600	481,716
Fair Isaac Corp. (A)	3,739	4,748,193
Fortinet, Inc. (A)	11,932	824,621
HubSpot, Inc. (A)	440	272,276
Manhattan Associates, Inc. (A)	900	227,997
Marathon Digital Holdings, Inc. (A)	8,100	209,790
Microsoft Corp.	37,343	15,446,559
MicroStrategy, Inc., Class A (A)	500	511,420
Nutanix, Inc., Class A (A)	58,446	3,691,449
Palantir Technologies, Inc., Class A (A)	31,200	782,496
Palo Alto Networks, Inc. (A)	11,742	3,646,478
Pegasystems, Inc.	2,300	149,592
PTC, Inc. (A)	6,138	1,123,315
Riot Platforms, Inc. (A)	10,000	141,200
Salesforce, Inc. (A)	22,977	7,095,757
Samsara, Inc., Class A (A)	14,523	501,770
ServiceNow, Inc. (A)	11,869	9,155,034
Synopsys, Inc. (A)	15,178	8,708,074
Workday, Inc., Class A (A)	7,209	2,124,204
Zscaler, Inc. (A)	8,190	1,981,734
		80,239,569
Technology hardware, storage and peripherals – 4.7%		
Apple, Inc.	42,454	7,673,561

Science & Technology Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Technology hardware, storage and peripherals (continued)		
Dell Technologies, Inc., Class C	4,391	\$ 415,652
Super Micro Computer, Inc. (A)	1,508	1,306,109
Western Digital Corp. (A)	9,209	547,659
		9,942,981
		176,643,730
TOTAL COMMON STOCKS (Cost \$163,893,699)		\$ 212,644,286
SHORT-TERM INVESTMENTS – 0.3%		
Short-term funds – 0.3%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 5.2628% (C)	617,305	617,305
T. Rowe Price Government Reserve Fund, 5.3661% (C)	112	112
TOTAL SHORT-TERM INVESTMENTS (Cost \$617,417)		\$ 617,417
Total Investments (Science & Technology Fund) (Cost \$164,511,116) – 100.4%		\$ 213,261,703
Other assets and liabilities, net – (0.4%)		(771,891)
TOTAL NET ASSETS – 100.0%		\$ 212,489,812

Security Abbreviations and Legend

- ADR American Depositary Receipt
(A) Non-income producing security.
(B) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.
(C) The rate shown is the annualized seven-day yield as of 2-29-24.

U.S. Sector Rotation Fund

	Shares or Principal Amount	Value
COMMON STOCKS – 96.9%		
Communication services – 9.3%		
Diversified telecommunication services – 0.7%		
AT&T, Inc.	645,503	\$ 10,928,366
Verizon Communications, Inc.	379,537	15,189,071
		26,117,437
Entertainment – 1.4%		
Electronic Arts, Inc.	22,100	3,082,508
Live Nation Entertainment, Inc. (A)	12,791	1,240,471
Netflix, Inc. (A)	39,512	23,822,575
Take-Two Interactive Software, Inc. (A)	14,284	2,098,748
The Walt Disney Company	165,157	18,428,218
Warner Brothers Discovery, Inc. (A)	200,290	1,760,549
		50,433,069
Interactive media and services – 6.4%		
Alphabet, Inc., Class A (A)	534,213	73,967,132
Alphabet, Inc., Class C (A)	449,607	62,846,066
Match Group, Inc. (A)	24,457	881,430
Meta Platforms, Inc., Class A	200,367	98,205,878
		235,900,506
Media – 0.6%		
Charter Communications, Inc., Class A (A)	9,078	2,668,297
Comcast Corp., Class A	362,481	15,532,311
Fox Corp., Class A	22,243	662,619
Fox Corp., Class B	11,940	326,917
News Corp., Class A	34,448	925,962
News Corp., Class B	10,251	286,925
Omnicom Group, Inc.	17,840	1,576,878

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Media (continued)		
Paramount Global, Class B	43,612	\$ 481,476
The Interpublic Group of Companies, Inc.	34,511	1,083,645
		23,545,030
Wireless telecommunication services – 0.2%		
T-Mobile US, Inc.	45,916	7,498,083
		343,494,125
Consumer discretionary – 10.8%		
Automobile components – 0.1%		
Aptiv PLC (A)	24,787	1,970,319
BorgWarner, Inc.	20,523	638,881
		2,609,200
Automobiles – 1.6%		
Ford Motor Company	344,718	4,288,292
General Motors Company	120,157	4,924,034
Tesla, Inc. (A)	242,590	48,974,069
		58,186,395
Broadline retail – 3.9%		
Amazon.com, Inc. (A)	797,706	141,002,513
eBay, Inc.	45,455	2,149,112
Etsy, Inc. (A)	10,473	750,809
		143,902,434
Distributors – 0.1%		
Genuine Parts Company	12,284	1,833,510
LKQ Corp.	23,443	1,225,834
Pool Corp.	3,397	1,352,414
		4,411,758
Hotels, restaurants and leisure – 2.1%		
Airbnb, Inc., Class A (A)	38,138	6,005,591
Booking Holdings, Inc. (A)	3,060	10,614,620
Caesars Entertainment, Inc. (A)	18,933	823,018
Carnival Corp. (A)	88,304	1,400,501
Chipotle Mexican Grill, Inc. (A)	2,408	6,474,558
Darden Restaurants, Inc.	10,568	1,804,063
Domino's Pizza, Inc.	3,063	1,373,296
Expedia Group, Inc. (A)	11,700	1,600,794
Hilton Worldwide Holdings, Inc.	22,487	4,594,544
Las Vegas Sands Corp.	32,344	1,763,395
Marriott International, Inc., Class A	21,642	5,407,687
McDonald's Corp.	63,624	18,596,023
MGM Resorts International (A)	23,995	1,038,504
Norwegian Cruise Line Holdings, Ltd. (A)	37,277	722,801
Royal Caribbean Cruises, Ltd. (A)	20,683	2,551,248
Starbucks Corp.	100,220	9,510,878
Wynn Resorts, Ltd.	8,427	886,520
Yum! Brands, Inc.	24,589	3,403,609
		78,571,650
Household durables – 0.4%		
D.R. Horton, Inc.	26,430	3,949,699
Garmin, Ltd.	13,443	1,846,396
Hamilton Beach Brands Holding Company, Class B	294	5,186
Lennar Corp., Class A	21,944	3,478,343
Mohawk Industries, Inc. (A)	4,653	551,939
NVR, Inc. (A)	276	2,104,657
PulteGroup, Inc.	18,894	2,047,732
Whirlpool Corp.	4,821	517,727
		14,501,679
Leisure products – 0.0%		
Hasbro, Inc.	11,428	574,714
Specialty retail – 2.1%		
AutoZone, Inc. (A)	1,545	4,644,301

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Specialty retail (continued)		
Bath & Body Works, Inc.	19,952	\$ 911,806
Best Buy Company, Inc.	16,985	1,373,747
CarMax, Inc. (A)	13,911	1,098,969
Lowe's Companies, Inc.	50,612	12,180,790
O'Reilly Automotive, Inc. (A)	5,189	5,642,622
Ross Stores, Inc.	29,684	4,421,729
The Home Depot, Inc.	87,717	33,385,967
The TJX Companies, Inc.	100,368	9,950,484
Tractor Supply Company	9,475	2,409,682
Ulta Beauty, Inc. (A)	4,314	2,366,488
		78,386,585
Textiles, apparel and luxury goods – 0.5%		
Lululemon Athletica, Inc. (A)	10,103	4,719,010
NIKE, Inc., Class B	107,356	11,157,509
Ralph Lauren Corp.	3,471	645,328
Tapestry, Inc.	20,119	956,256
VF Corp.	28,995	473,778
		17,951,881
		399,096,296
Consumer staples – 5.2%		
Beverages – 1.2%		
Brown-Forman Corp., Class B	13,678	823,826
Constellation Brands, Inc., Class A	12,110	3,009,577
Keurig Dr. Pepper, Inc.	75,422	2,255,872
Molson Coors Beverage Company, Class B	13,888	866,889
Monster Beverage Corp. (A)	55,338	3,270,476
PepsiCo, Inc.	102,972	17,025,390
The Coca-Cola Company	291,391	17,489,288
		44,741,318
Consumer staples distribution and retail – 1.6%		
Costco Wholesale Corp.	33,158	24,665,905
Dollar General Corp.	16,436	2,388,315
Dollar Tree, Inc. (A)	15,647	2,295,102
Sysco Corp.	37,780	3,059,047
Target Corp.	34,589	5,289,350
The Kroger Company	49,578	2,459,565
Walgreens Boots Alliance, Inc.	53,649	1,140,578
Walmart, Inc.	320,484	18,783,567
		60,081,429
Food products – 0.7%		
Archer-Daniels-Midland Company	39,938	2,121,107
Bunge Global SA	10,899	1,028,539
Campbell Soup Company	14,681	625,998
Conagra Brands, Inc.	35,788	1,004,927
General Mills, Inc.	43,559	2,795,617
Hormel Foods Corp.	21,789	769,587
Kellanova	19,774	1,090,536
Lamb Weston Holdings, Inc.	10,863	1,110,307
McCormick & Company, Inc.	18,841	1,297,391
Mondelez International, Inc., Class A	101,865	7,443,276
The Hershey Company	11,224	2,109,214
The J.M. Smucker Company	7,943	954,510
The Kraft Heinz Company	59,705	2,106,392
Tyson Foods, Inc., Class A	21,348	1,157,916
		25,615,317
Household products – 1.1%		
Church & Dwight Company, Inc.	18,461	1,848,315
Colgate-Palmolive Company	61,664	5,335,169
Kimberly-Clark Corp.	25,304	3,066,086
The Clorox Company	9,301	1,425,936

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Household products (continued)		
The Procter & Gamble Company	176,511	\$ 28,054,658
		39,730,164
Personal care products – 0.2%		
Kenvue, Inc.	129,086	2,452,634
The Estee Lauder Companies, Inc., Class A	17,382	2,582,618
		5,035,252
Tobacco – 0.4%		
Altria Group, Inc.	132,411	5,416,934
Philip Morris International, Inc.	116,270	10,459,649
		15,876,583
		191,080,063
Energy – 3.8%		
Energy equipment and services – 0.3%		
Baker Hughes Company	88,538	2,619,839
Halliburton Company	78,814	2,764,007
Schlumberger, Ltd.	125,778	6,078,851
		11,462,697
Oil, gas and consumable fuels – 3.5%		
APA Corp.	27,074	806,534
Chevron Corp.	154,582	23,498,010
ConocoPhillips	104,578	11,769,208
Coterra Energy, Inc.	66,127	1,704,754
Devon Energy Corp.	56,466	2,487,892
Diamondback Energy, Inc.	15,762	2,876,880
EOG Resources, Inc.	51,364	5,879,123
EQT Corp.	36,223	1,345,684
Exxon Mobil Corp.	352,689	36,863,054
Hess Corp.	24,335	3,546,826
Kinder Morgan, Inc.	170,311	2,961,708
Marathon Oil Corp.	51,547	1,250,015
Marathon Petroleum Corp.	33,415	5,654,820
Occidental Petroleum Corp.	58,153	3,524,653
ONEOK, Inc.	51,304	3,853,956
Phillips 66	38,744	5,521,407
Pioneer Natural Resources Company	20,534	4,829,391
Targa Resources Corp.	19,617	1,927,174
The Williams Companies, Inc.	107,172	3,851,762
Valero Energy Corp.	29,987	4,241,961
		128,394,812
		139,857,509
Financials – 13.1%		
Banks – 3.2%		
Bank of America Corp.	599,381	20,690,632
Citigroup, Inc.	166,640	9,246,854
Citizens Financial Group, Inc.	40,636	1,275,564
Comerica, Inc.	11,458	565,796
Fifth Third Bancorp	59,310	2,036,705
Huntington Bancshares, Inc.	126,242	1,646,196
JPMorgan Chase & Co.	251,693	46,830,000
KeyCorp	81,374	1,161,207
M&T Bank Corp.	14,446	2,018,684
Regions Financial Corp.	80,841	1,506,068
The PNC Financial Services Group, Inc.	34,672	5,103,718
Truist Financial Corp.	116,140	4,062,577
U.S. Bancorp	135,589	5,689,314
Wells Fargo & Company	316,150	17,574,779
Zions Bancorp NA	12,931	509,869
		119,917,963
Capital markets – 2.8%		
Ameriprise Financial, Inc.	8,805	3,586,805
BlackRock, Inc.	12,176	9,878,876

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Capital markets (continued)		
Cboe Global Markets, Inc.	9,195	\$ 1,765,440
CME Group, Inc.	31,337	6,905,108
FactSet Research Systems, Inc.	3,308	1,530,215
Franklin Resources, Inc.	24,534	673,458
Intercontinental Exchange, Inc.	49,820	6,896,084
Invesco, Ltd.	39,146	603,240
MarketAxess Holdings, Inc.	3,293	702,759
Moody's Corp.	13,699	5,197,675
Morgan Stanley	110,033	9,467,239
MSCI, Inc.	6,886	3,862,839
Nasdaq, Inc.	29,697	1,668,971
Northern Trust Corp.	18,056	1,482,939
Raymond James Financial, Inc.	16,356	1,967,954
S&P Global, Inc.	28,214	12,086,313
State Street Corp.	26,884	1,982,157
T. Rowe Price Group, Inc.	19,463	2,206,131
The Bank of New York Mellon Corp.	66,966	3,756,123
The Blackstone Group, Inc.	61,838	7,904,133
The Charles Schwab Corp.	129,566	8,652,417
The Goldman Sachs Group, Inc.	28,398	11,048,242
		103,825,118
Consumer finance – 0.5%		
American Express Company	50,120	10,997,330
Capital One Financial Corp.	33,163	4,563,560
Discover Financial Services	21,777	2,628,484
Synchrony Financial	36,021	1,487,667
		19,677,041
Financial services – 4.4%		
Berkshire Hathaway, Inc., Class B (A)	158,395	64,846,913
Fidelity National Information Services, Inc.	51,601	3,570,273
Fiserv, Inc. (A)	52,250	7,799,358
FleetCor Technologies, Inc. (A)	6,275	1,752,419
Global Payments, Inc.	22,664	2,939,521
Jack Henry & Associates, Inc.	6,338	1,101,354
Mastercard, Inc., Class A	72,092	34,226,398
PayPal Holdings, Inc. (A)	93,864	5,663,754
Visa, Inc., Class A	138,763	39,219,974
		161,119,964
Insurance – 2.2%		
Aflac, Inc.	46,315	3,739,473
American International Group, Inc.	61,146	4,456,932
Aon PLC, Class A	17,434	5,508,970
Arch Capital Group, Ltd. (A)	32,454	2,842,646
Arthur J. Gallagher & Company	18,787	4,582,713
Assurant, Inc.	4,586	832,130
Brown & Brown, Inc.	20,540	1,729,673
Chubb, Ltd.	35,520	8,939,318
Cincinnati Financial Corp.	13,669	1,558,266
Everest Group, Ltd.	3,781	1,394,735
Globe Life, Inc.	7,463	947,279
Loews Corp.	15,950	1,198,324
Marsh & McLennan Companies, Inc.	42,922	8,681,833
MetLife, Inc.	54,131	3,775,096
Principal Financial Group, Inc.	19,097	1,544,183
Prudential Financial, Inc.	31,445	3,427,191
The Allstate Corp.	22,777	3,633,387
The Hartford Financial Services Group, Inc.	26,168	2,507,941
The Progressive Corp.	50,934	9,655,049
The Travelers Companies, Inc.	19,875	4,391,580
W.R. Berkley Corp.	17,756	1,484,402
Willis Towers Watson PLC	8,999	2,453,217
		79,284,338
		483,824,424

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

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Health care – 12.1%		
Biotechnology – 1.9%		
AbbVie, Inc.	147,852	\$ 26,029,345
Amgen, Inc.	44,821	12,273,334
Biogen, Inc. (A)	12,133	2,632,740
Gilead Sciences, Inc.	104,381	7,525,870
Incyte Corp. (A)	15,560	908,082
Moderna, Inc. (A)	27,787	2,563,073
Regeneron Pharmaceuticals, Inc. (A)	8,972	8,667,759
Vertex Pharmaceuticals, Inc. (A)	21,581	9,079,990
		69,680,193
Health care equipment and supplies – 2.5%		
Abbott Laboratories	145,341	17,243,256
ABIOMED, Inc. (A)(B)	6,547	101,609
Align Technology, Inc. (A)	5,973	1,806,355
Baxter International, Inc.	42,489	1,738,650
Becton, Dickinson and Company	24,300	5,723,865
Boston Scientific Corp. (A)	122,616	8,118,405
Dentsply Sirona, Inc.	17,749	580,037
DexCom, Inc. (A)	32,340	3,721,364
Edwards Lifesciences Corp. (A)	50,783	4,309,953
GE HealthCare Technologies, Inc.	32,825	2,996,266
Hologic, Inc. (A)	20,524	1,514,671
IDEXX Laboratories, Inc. (A)	6,963	4,005,326
Insulet Corp. (A)	5,850	959,400
Intuitive Surgical, Inc. (A)	29,481	11,367,874
Medtronic PLC	111,442	9,289,805
ResMed, Inc.	12,329	2,141,794
STERIS PLC	8,278	1,928,029
Stryker Corp.	28,318	9,884,964
Teleflex, Inc.	3,935	876,679
The Cooper Companies, Inc.	16,567	1,550,671
Zimmer Biomet Holdings, Inc.	17,478	2,173,564
		92,032,537
Health care providers and services – 2.5%		
Cardinal Health, Inc.	20,631	2,310,259
Cencora, Inc.	13,964	3,289,918
Centene Corp. (A)	44,718	3,507,233
CVS Health Corp.	107,593	8,001,691
DaVita, Inc. (A)	4,503	571,746
Elevance Health, Inc.	19,674	9,861,593
HCA Healthcare, Inc.	16,589	5,170,791
Henry Schein, Inc. (A)	10,914	834,594
Humana, Inc.	10,307	3,610,748
Laboratory Corp. of America Holdings	7,111	1,534,767
McKesson Corp.	11,149	5,813,200
Molina Healthcare, Inc. (A)	4,876	1,920,705
Quest Diagnostics, Inc.	9,404	1,174,466
The Cigna Group	24,503	8,236,438
UnitedHealth Group, Inc.	77,460	38,234,256
Universal Health Services, Inc., Class B	5,101	852,173
		94,924,578
Life sciences tools and services – 1.4%		
Agilent Technologies, Inc.	24,507	3,366,282
Bio-Rad Laboratories, Inc., Class A (A)	1,747	569,312
Bio-Techne Corp.	13,240	974,067
Charles River Laboratories International, Inc. (A)	4,308	1,095,051
Danaher Corp.	55,084	13,943,964
Illumina, Inc. (A)	13,291	1,858,481
IQVIA Holdings, Inc. (A)	15,337	3,790,693
Mettler-Toledo International, Inc. (A)	1,815	2,263,704
Revvity, Inc.	10,332	1,132,284
Thermo Fisher Scientific, Inc.	32,356	18,448,744
Waters Corp. (A)	4,946	1,668,879

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Life sciences tools and services (continued)		
West Pharmaceutical Services, Inc.	6,189	\$ 2,217,890
		51,329,351
Pharmaceuticals – 3.8%		
Bristol-Myers Squibb Company	170,413	8,648,460
Catalent, Inc. (A)	15,093	865,433
Eli Lilly & Company	66,779	50,329,997
Johnson & Johnson	201,598	32,533,885
Merck & Company, Inc.	212,205	26,981,866
Pfizer, Inc.	472,825	12,558,232
Viatis, Inc.	100,367	1,241,540
Zoetis, Inc.	38,455	7,626,780
		140,786,193
		448,752,852
Industrials – 8.8%		
Aerospace and defense – 1.5%		
Axon Enterprise, Inc. (A)	6,155	1,891,862
General Dynamics Corp.	19,827	5,417,728
Howmet Aerospace, Inc.	34,285	2,281,667
Huntington Ingalls Industries, Inc.	3,476	1,013,671
L3Harris Technologies, Inc.	16,598	3,513,133
Lockheed Martin Corp.	19,330	8,277,879
Northrop Grumman Corp.	12,412	5,722,180
RTX Corp.	125,904	11,289,812
Textron, Inc.	17,150	1,527,551
The Boeing Company (A)	49,782	10,141,589
TransDigm Group, Inc.	4,842	5,702,617
		56,779,689
Air freight and logistics – 0.4%		
CH Robinson Worldwide, Inc.	10,222	757,246
Expeditors International of Washington, Inc.	12,706	1,519,638
FedEx Corp.	20,253	5,042,389
United Parcel Service, Inc., Class B	63,344	9,391,381
		16,710,654
Building products – 0.5%		
A.O. Smith Corp.	10,744	890,678
Allegion PLC	7,682	982,297
Builders FirstSource, Inc. (A)	10,812	2,110,286
Carrier Global Corp.	73,422	4,080,795
Johnson Controls International PLC	59,586	3,531,662
Masco Corp.	19,651	1,508,411
Trane Technologies PLC	20,001	5,639,682
		18,743,811
Commercial services and supplies – 0.6%		
Cintas Corp.	7,578	4,763,607
Copart, Inc. (A)	76,461	4,063,902
Republic Services, Inc.	17,918	3,289,745
Rollins, Inc.	24,595	1,083,902
Veralto Corp.	19,188	1,658,227
Waste Management, Inc.	32,089	6,599,103
		21,458,486
Construction and engineering – 0.1%		
Quanta Services, Inc.	12,718	3,071,524
Electrical equipment – 0.7%		
AMETEK, Inc.	20,201	3,639,816
Eaton Corp. PLC	34,953	10,101,417
Emerson Electric Company	49,909	5,332,777
Generac Holdings, Inc. (A)	5,402	607,779
Hubbell, Inc.	4,686	1,783,820

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Electrical equipment (continued)		
Rockwell Automation, Inc.	10,040	\$ 2,862,203
		24,327,812
Ground transportation – 1.2%		
CSX Corp.	173,021	6,564,417
JB Hunt Transport Services, Inc.	7,124	1,469,752
Norfolk Southern Corp.	19,799	5,016,671
Old Dominion Freight Line, Inc.	7,837	3,467,716
Uber Technologies, Inc. (A)	180,190	14,325,105
Union Pacific Corp.	53,375	13,540,704
		44,384,365
Industrial conglomerates – 0.8%		
3M Company	48,373	4,456,121
General Electric Company	95,301	14,951,774
Honeywell International, Inc.	57,711	11,468,907
		30,876,802
Machinery – 1.8%		
Caterpillar, Inc.	44,662	14,915,322
Cummins, Inc.	12,408	3,332,913
Deere & Company	23,456	8,562,613
Dover Corp.	12,253	2,026,401
Fortive Corp.	30,778	2,620,131
IDEX Corp.	6,617	1,560,950
Illinois Tool Works, Inc.	23,965	6,282,425
Ingersoll Rand, Inc.	35,462	3,238,744
Nordson Corp.	4,737	1,258,384
Otis Worldwide Corp.	35,825	3,414,123
PACCAR, Inc.	45,792	5,077,875
Parker-Hannifin Corp.	11,248	6,022,742
Pentair PLC	14,466	1,125,310
Snap-on, Inc.	4,623	1,274,376
Stanley Black & Decker, Inc.	13,434	1,199,522
Wabtec Corp.	15,678	2,215,145
Xylem, Inc.	21,102	2,681,009
		66,807,985
Passenger airlines – 0.2%		
American Airlines Group, Inc. (A)	57,211	897,068
Delta Air Lines, Inc.	56,348	2,381,830
Southwest Airlines Company	52,116	1,786,015
United Airlines Holdings, Inc. (A)	28,747	1,307,701
		6,372,614
Professional services – 0.7%		
Automatic Data Processing, Inc.	36,016	9,044,698
Broadridge Financial Solutions, Inc.	10,314	2,099,724
Dayforce, Inc. (A)	13,685	954,666
Equifax, Inc.	10,788	2,951,489
Jacobs Solutions, Inc.	11,021	1,616,230
Leidos Holdings, Inc.	12,033	1,538,539
Paychex, Inc.	28,153	3,452,121
Paycom Software, Inc.	4,298	783,912
Robert Half, Inc.	9,274	745,630
Verisk Analytics, Inc.	12,698	3,071,646
		26,258,655
Trading companies and distributors – 0.3%		
Fastenal Company	50,057	3,654,662
United Rentals, Inc.	5,933	4,113,171
W.W. Grainger, Inc.	3,868	3,765,343
		11,533,176
		327,325,573
Information technology – 29.5%		
Communications equipment – 0.8%		
Arista Networks, Inc. (A)	21,622	6,000,970
Cisco Systems, Inc.	347,385	16,803,012

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Communications equipment (continued)		
F5, Inc. (A)	5,122	\$ 958,941
Juniper Networks, Inc.	27,285	1,010,364
Motorola Solutions, Inc.	14,241	4,705,084
		29,478,371
Electronic equipment, instruments and components – 0.6%		
Amphenol Corp., Class A	51,311	5,605,214
CDW Corp.	11,489	2,828,707
Corning, Inc.	65,847	2,122,907
Jabil, Inc.	10,984	1,582,685
Keysight Technologies, Inc. (A)	15,236	2,350,915
TE Connectivity, Ltd.	26,637	3,824,008
Teledyne Technologies, Inc. (A)	4,048	1,729,589
Trimble, Inc. (A)	21,322	1,304,693
Zebra Technologies Corp., Class A (A)	4,395	1,228,315
		22,577,033
IT services – 1.2%		
Accenture PLC, Class A	53,821	20,171,034
Akamai Technologies, Inc. (A)	12,912	1,432,199
Cognizant Technology Solutions Corp., Class A	43,006	3,398,334
EPAM Systems, Inc. (A)	4,940	1,503,736
Gartner, Inc. (A)	6,684	3,111,803
IBM Corp.	78,313	14,490,254
VeriSign, Inc. (A)	7,607	1,485,571
		45,592,931
Semiconductors and semiconductor equipment – 9.7%		
Advanced Micro Devices, Inc. (A)	138,553	26,675,609
Analog Devices, Inc.	42,744	8,199,154
Applied Materials, Inc.	71,747	14,465,630
Broadcom, Inc.	37,642	48,953,045
Enphase Energy, Inc. (A)	11,714	1,487,795
First Solar, Inc. (A)	9,169	1,411,017
Intel Corp.	361,557	15,565,029
KLA Corp.	11,657	7,953,571
Lam Research Corp.	11,305	10,606,916
Microchip Technology, Inc.	46,380	3,902,413
Micron Technology, Inc.	94,164	8,532,200
Monolithic Power Systems, Inc.	4,105	2,955,764
NVIDIA Corp.	211,819	167,574,247
NXP Semiconductors NV	22,101	5,519,283
ON Semiconductor Corp. (A)	36,943	2,915,542
Qorvo, Inc. (A)	8,340	955,347
Qualcomm, Inc.	95,454	15,061,687
Skyworks Solutions, Inc.	13,677	1,434,991
Teradyne, Inc.	13,114	1,358,479
Texas Instruments, Inc.	77,885	13,032,497
		358,560,216
Software – 10.9%		
Adobe, Inc. (A)	39,040	21,873,331
ANSYS, Inc. (A)	7,437	2,485,222
Autodesk, Inc. (A)	18,336	4,733,805
Cadence Design Systems, Inc. (A)	23,331	7,101,490
Fair Isaac Corp. (A)	2,121	2,693,479
Fortinet, Inc. (A)	54,651	3,776,931
Gen Digital, Inc.	48,376	1,039,600
Intuit, Inc.	24,037	15,933,887
Microsoft Corp.	637,356	263,635,937
Oracle Corp.	136,252	15,216,623
Palo Alto Networks, Inc. (A)	26,653	8,277,089
PTC, Inc. (A)	10,194	1,865,604
Roper Technologies, Inc.	9,158	4,988,637
Salesforce, Inc. (A)	83,440	25,767,941
ServiceNow, Inc. (A)	17,577	13,557,843
Synopsys, Inc. (A)	13,040	7,481,439

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Software (continued)		
Tyler Technologies, Inc. (A)	3,606	\$ 1,576,327
		402,005,185
Technology hardware, storage and peripherals – 6.3%		
Apple, Inc.	1,253,716	226,609,170
Hewlett Packard Enterprise Company	109,956	1,674,630
HP, Inc.	74,619	2,113,956
NetApp, Inc.	17,887	1,594,089
Seagate Technology Holdings PLC	16,673	1,551,423
Western Digital Corp. (A)	27,804	1,653,504
		235,196,772
		1,093,410,508
Materials – 1.7%		
Chemicals – 1.2%		
Air Products & Chemicals, Inc.	14,429	3,376,963
Albemarle Corp.	7,636	1,052,623
Celanese Corp.	6,491	986,437
CF Industries Holdings, Inc.	12,395	1,000,524
Corteva, Inc.	45,787	2,450,520
Dow, Inc.	45,557	2,545,725
DuPont de Nemours, Inc.	27,959	1,934,483
Eastman Chemical Company	7,720	677,353
Ecolab, Inc.	16,494	3,708,511
FMC Corp.	8,129	458,394
International Flavors & Fragrances, Inc.	16,595	1,252,923
Linde PLC	31,502	14,138,728
LyondellBasell Industries NV, Class A	16,673	1,671,968
PPG Industries, Inc.	15,336	2,171,578
The Mosaic Company	21,217	661,122
The Sherwin-Williams Company	15,299	5,079,727
		43,167,579
Construction materials – 0.1%		
Martin Marietta Materials, Inc.	4,015	2,319,506
Vulcan Materials Company	8,634	2,295,349
		4,614,855
Containers and packaging – 0.1%		
Amcor PLC	94,058	852,165
Avery Dennison Corp.	5,239	1,134,401
Ball Corp.	20,509	1,312,986
International Paper Company	22,543	797,120
Packaging Corp. of America	5,814	1,053,439
Westrock Company	16,611	752,312
		5,902,423
Metals and mining – 0.3%		
Freeport-McMoRan, Inc.	93,169	3,522,720
Newmont Corp.	74,897	2,340,531
Nucor Corp.	15,971	3,071,223
Steel Dynamics, Inc.	9,884	1,322,677
		10,257,151
		63,942,008
Real estate – 1.7%		
Health care REITs – 0.1%		
Healthpeak Properties, Inc.	35,820	599,985
Ventas, Inc.	26,301	1,112,269
Welltower, Inc.	36,151	3,331,676
		5,043,930
Hotel and resort REITs – 0.0%		
Host Hotels & Resorts, Inc.	46,008	954,206
Industrial REITs – 0.2%		
Prologis, Inc.	60,351	8,042,978
Office REITs – 0.1%		
Alexandria Real Estate Equities, Inc.	10,219	1,274,616

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Office REITs (continued)		
Boston Properties, Inc.	9,422	\$ 609,792
		1,884,408
Real estate management and development – 0.1%		
CBRE Group, Inc., Class A (A)	19,900	1,828,611
CoStar Group, Inc. (A)	26,666	2,320,742
		4,149,353
Residential REITs – 0.2%		
AvalonBay Communities, Inc.	9,282	1,643,192
Camden Property Trust	6,994	660,793
Equity Residential	22,569	1,358,879
Essex Property Trust, Inc.	4,187	968,872
Invitation Homes, Inc.	37,531	1,278,681
Mid-America Apartment Communities, Inc.	7,628	958,687
UDR, Inc.	19,771	701,871
		7,570,975
Retail REITs – 0.2%		
Federal Realty Investment Trust	4,811	485,189
Kimco Realty Corp.	43,340	856,398
Realty Income Corp.	54,305	2,829,834
Regency Centers Corp.	10,767	667,016
Simon Property Group, Inc.	21,311	3,157,012
		7,995,449
Specialized REITs – 0.8%		
American Tower Corp.	30,446	6,054,492
Crown Castle, Inc.	28,358	3,117,679
Digital Realty Trust, Inc.	19,777	2,903,461
Equinix, Inc.	6,130	5,448,467
Extra Space Storage, Inc.	13,809	1,946,655
Iron Mountain, Inc.	19,065	1,499,272
Public Storage	10,333	2,933,229
SBA Communications Corp.	7,044	1,473,816
VICI Properties, Inc.	67,619	2,023,837
Weyerhaeuser Company	47,673	1,638,998
		29,039,906
		64,681,205
Utilities – 0.9%		
Electric utilities – 0.6%		
Alliant Energy Corp.	8,948	427,267
American Electric Power Company, Inc.	18,461	1,572,693
Constellation Energy Corp.	11,223	1,890,514
Duke Energy Corp.	27,071	2,485,930
Edison International	13,433	913,713
Entergy Corp.	7,434	755,071
Eversource Energy	8,091	400,828
Exelon Corp.	12,284	721,071
FirstEnergy Corp.	34,892	1,250,529
NextEra Energy, Inc.	18,121	663,410
NRG Energy, Inc.	72,005	3,973,956
PG&E Corp.	7,916	437,913
Pinnacle West Capital Corp.	74,969	1,251,233
PPL Corp.	4,004	273,593
The Southern Company	25,825	681,005
Xcel Energy, Inc.	38,282	2,574,465
	19,388	1,021,554
		21,294,745
Gas utilities – 0.0%		
Atmos Energy Corp.	5,206	587,809
Independent power and renewable electricity producers – 0.0%		
The AES Corp.	23,569	358,249
Multi-utilities – 0.3%		
Ameren Corp.	9,241	657,867

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Multi-utilities (continued)		
CenterPoint Energy, Inc.	22,151	\$ 609,153
CMS Energy Corp.	10,238	587,354
Consolidated Edison, Inc.	12,128	1,057,683
Dominion Energy, Inc.	29,365	1,404,528
DTE Energy Company	7,223	782,612
NiSource, Inc.	14,572	379,746
Public Service Enterprise Group, Inc.	17,500	1,092,000
Sempra	22,058	1,557,295
WEC Energy Group, Inc.	11,075	869,277
		8,997,515
Water utilities – 0.0%		
American Water Works Company, Inc.	6,841	810,932
		32,049,250
TOTAL COMMON STOCKS (Cost \$2,881,749,362)		\$ 3,587,513,813

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis^	Notional value^	Unrealized appreciation (depreciation)
S&P 500 E-Mini Index Futures	450	Long	Mar 2024	\$110,332,215	\$114,834,375	\$4,502,160
						\$4,502,160

^ 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.

U.S. Sector Rotation Fund (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 2.8%		
Short-term funds – 2.8%		
John Hancock Collateral Trust, 5.2759% (C)(D)	10,317,951	\$ 103,183,638
TOTAL SHORT-TERM INVESTMENTS (Cost \$103,149,114)		\$ 103,183,638
Total Investments (U.S. Sector Rotation Fund)		
(Cost \$2,984,898,476) – 99.7%		\$ 3,690,697,451
Other assets and liabilities, net – 0.3%		9,267,118
TOTAL NET ASSETS – 100.0%		\$ 3,699,964,569

Security Abbreviations and Legend

- (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) The rate shown is the annualized seven-day yield as of 2-29-24.
 (D) Investment is an affiliate of the fund, the advisor and/or subadvisor.

John Hancock Funds II

Portfolio of Investments — February 29, 2024 (unaudited) (showing percentage of total net assets)

The following funds had the following country composition as a percentage of net assets on 2-29-24:

Capital Appreciation Fund		High Yield Fund	
United States	89.8%	United States	74.1%
Denmark	2.3%	Cayman Islands	8.2%
France	2.1%	Canada	5.8%
Uruguay	1.6%	France	2.0%
Netherlands	1.6%	United Kingdom	1.7%
Canada	1.2%	Luxembourg	1.2%
United Kingdom	1.1%	Netherlands	1.0%
Other countries	0.3%	Other countries	6.0%
TOTAL	100.0%	TOTAL	100.0%
Health Sciences Fund			
United States	89.9%		
United Kingdom	2.7%		
Netherlands	2.4%		
Denmark	1.9%		
Other countries	3.1%		
TOTAL	100.0%		

John Hancock Funds II

Statements of assets and liabilities — February 29, 2024 (unaudited)

	Capital Appreciation Fund	Capital Value Fund	Core Bond Fund	Health Sciences Fund
Assets				
Unaffiliated investments, at value (including securities loaned)	\$1,745,293,440	\$1,222,237,852	\$1,922,093,195	\$270,002,222
Affiliated investments, at value	—	1,360,825	968,726	—
Total investments, at value	1,745,293,440	1,223,598,677	1,923,061,921	270,002,222
Cash	—	696	—	—
Foreign currency, at value	—	96,486	—	676
Cash collateral at broker for sale commitments	—	—	690,000	—
Dividends and interest receivable	1,143,480	4,576,536	10,066,371	278,375
Receivable for fund shares sold	278,832	82,611	241,810	123,357
Receivable for investments sold	—	3,515,647	35,264,956	2,702,693
Receivable for delayed delivery securities sold	—	—	16,406,908	—
Receivable for securities lending income	5,532	1,635	351	—
Other assets	59,152	44,294	70,631	13,394
Total assets	1,746,780,436	1,231,916,582	1,985,802,948	273,120,717
Liabilities				
Written options, at value	—	3,546,683	—	—
Payable for investments purchased	11,185	14,171,125	57,168,600	2,101,395
Payable for delayed delivery securities purchased	—	—	127,846,730	—
Payable for fund shares repurchased	2,572,129	—	145,125	—
Payable upon return of securities loaned	—	1,357,290	968,694	—
Payable to affiliates	—	—	—	—
Accounting and legal services fees	94,380	68,336	102,850	15,429
Trustees' fees	808	678	1,027	158
Other liabilities and accrued expenses	86,681	92,145	116,225	53,433
Total liabilities	2,765,183	19,236,257	186,349,251	2,170,415
Net assets	\$1,744,015,253	\$1,212,680,325	\$1,799,453,697	\$270,950,302
Net assets consist of				
Paid-in capital	\$595,985,947	\$1,034,367,920	\$2,090,080,706	\$171,363,664
Total distributable earnings (loss)	1,148,029,306	178,312,405	(290,627,009)	99,586,638
Net assets	\$1,744,015,253	\$1,212,680,325	\$1,799,453,697	\$270,950,302
Unaffiliated investments, including repurchase agreements, at cost	\$673,101,318	\$1,057,405,729	\$1,968,056,428	\$180,731,074
Affiliated investments, at cost	—	\$1,360,197	\$968,664	—
Foreign currency, at cost	—	\$95,714	—	\$744
Premiums received on written options	—	\$2,276,043	—	—
Securities loaned, at value	—	\$1,312,047	\$947,344	—
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	\$696,608,638	—	\$122,365,097	—
Shares outstanding	44,968,990	—	11,234,235	—
Net asset value, offering price and redemption price per share	\$15.49	—	\$10.89	—
Class NAV				
Net assets	\$1,047,406,615	\$1,212,680,325	\$1,677,088,600	\$270,950,302
Shares outstanding	66,949,599	128,129,501	154,258,048	54,145,147
Net asset value, offering price and redemption price per share	\$15.64	\$9.46	\$10.87	\$5.00

John Hancock Funds II

Statements of assets and liabilities — February 29, 2024 (unaudited)

		International Strategic Equity Allocation Fund	Mid Value Fund	Science & Technology Fund
Assets	High Yield Fund			
Unaffiliated investments, at value (including securities loaned)	\$193,404,176	\$3,578,338,672	\$1,491,705,800	\$213,261,703
Affiliated investments, at value	1,376,993	39,025,399	11,890,221	—
Total investments, at value	194,781,169	3,617,364,071	1,503,596,021	213,261,703
Receivable for centrally cleared swaps	1,917,606	—	—	—
Unrealized appreciation on forward foreign currency contracts	6,914	—	—	—
Receivable for futures variation margin	906	—	—	—
Cash	—	1,739,268	—	190
Foreign currency, at value	442,871	4,514,077	128,867	1,401
Collateral held at broker for futures contracts	194,787	5,516,000	—	—
Dividends and interest receivable	3,063,259	9,812,797	2,671,907	95,898
Receivable for fund shares sold	279,895	558,162	25,337	22,123
Receivable for investments sold	2,126,573	116	3,441,446	1,439,557
Receivable for securities lending income	1,541	25,225	28,319	968
Other assets	7,461	166,406	52,554	8,269
Total assets	202,822,982	3,639,696,122	1,509,944,451	214,830,109
Liabilities				
Unrealized depreciation on forward foreign currency contracts	7,180	—	—	—
Payable for futures variation margin	—	1,065,146	—	—
Foreign capital gains tax payable	—	5,895,932	—	—
Payable for investments purchased	3,889,268	—	5,273,304	1,513,709
Payable for delayed delivery securities purchased	420,000	—	—	—
Payable for fund shares repurchased	—	—	4,518,358	779,917
Payable upon return of securities loaned	1,376,805	39,010,471	11,894,082	—
Payable to affiliates				
Accounting and legal services fees	11,340	202,844	83,312	11,861
Trustees' fees	102	2,740	832	100
Other liabilities and accrued expenses	66,198	502,400	81,742	34,710
Total liabilities	5,770,893	46,679,533	21,851,630	2,340,297
Net assets	\$197,052,089	\$3,593,016,589	\$1,488,092,821	\$212,489,812
Net assets consist of				
Paid-in capital	\$338,520,445	\$3,676,741,552	\$1,091,424,287	\$167,314,669
Total distributable earnings (loss)	(141,468,356)	(83,724,963)	396,668,534	45,175,143
Net assets	\$197,052,089	\$3,593,016,589	\$1,488,092,821	\$212,489,812
Unaffiliated investments, including repurchase agreements, at cost	\$219,477,643	\$3,382,409,553	\$1,128,293,419	\$164,511,116
Affiliated investments, at cost	\$1,377,022	\$39,018,176	\$11,882,850	—
Foreign currency, at cost	\$443,528	\$4,524,863	\$129,250	\$1,385
Collateral held at broker for centrally cleared swaps	\$1,883,397	—	—	—
Securities loaned, at value	\$1,322,626	\$37,022,325	\$11,629,205	—
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	\$197,052,089	—	—	—
Shares outstanding	28,401,425	—	—	—
Net asset value, offering price and redemption price per share	\$6.94	—	—	—
Class NAV				
Net assets	—	\$3,593,016,589	\$1,488,092,821	\$212,489,812
Shares outstanding	—	372,448,555	88,621,546	104,947,948
Net asset value, offering price and redemption price per share	—	\$9.65	\$16.79	\$2.02

John Hancock Funds II

Statements of assets and liabilities — February 29, 2024 (unaudited)

	U.S. Sector Rotation Fund
Assets	
Unaffiliated investments, at value (including securities loaned)	\$3,587,513,813
Affiliated investments, at value	103,183,638
Total investments, at value	3,690,697,451
Receivable for futures variation margin	511,602
Cash	35,042
Collateral held at broker for futures contracts	5,982,600
Dividends and interest receivable	5,253,240
Receivable for fund shares sold	96,611
Receivable for investments sold	38,782,541
Receivable for securities lending income	27
Other assets	129,107
Total assets	3,741,488,221

Liabilities	
Payable for investments purchased	38,626,194
Payable for fund shares repurchased	2,441,960
Payable to affiliates	
Accounting and legal services fees	207,305
Trustees' fees	2,668
Other liabilities and accrued expenses	245,525
Total liabilities	41,523,652
Net assets	\$3,699,964,569

Net assets consist of	
Paid-in capital	\$3,253,334,034
Total distributable earnings (loss)	446,630,535
Net assets	\$3,699,964,569
Unaffiliated investments, including repurchase agreements, at cost	\$2,881,749,362
Affiliated investments, at cost	\$103,149,114

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	\$3,699,964,569
Shares outstanding	343,132,095
Net asset value, offering price and redemption price per share	\$10.78

John Hancock Funds II

Statements of operations — For the six months ended February 29, 2024 (unaudited)

	Capital Appreciation Fund	Capital Appreciation Value Fund	Core Bond Fund	Health Sciences Fund
Investment income				
Dividends	\$4,429,448	\$5,733,437	\$1,895,896	\$951,292
Interest	1,047	12,102,422	38,895,787	749
Securities lending	41,669	7,214	940	—
Less foreign taxes withheld	(37,061)	(56,200)	—	(2,083)
Total investment income	4,435,103	17,786,873	40,792,623	949,958
Expenses				
Investment management fees	5,417,673	4,744,753	5,015,433	1,193,725
Distribution and service fees	149,190	—	29,661	—
Accounting and legal services fees	182,797	136,689	208,264	30,958
Trustees' fees	19,505	14,848	22,928	3,696
Custodian fees	90,650	73,648	102,260	23,954
Printing and postage	7,712	7,519	7,876	6,347
Professional fees	49,208	49,084	66,575	39,501
Other	40,735	25,827	30,743	10,067
Total expenses	5,957,470	5,052,368	5,483,740	1,308,248
Less expense reductions	(56,512)	(255,972)	(64,046)	(69,684)
Net expenses	5,900,958	4,796,396	5,419,694	1,238,564
Net investment income (loss)	(1,465,855)	12,990,477	35,372,929	(288,606)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	132,425,798	34,709,965	(35,902,009)	18,308,468
Affiliated investments	4,545	3,691	(30)	—
Written options	—	4,516,051	—	—
	132,430,343	39,229,707	(35,902,039)	18,308,468
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	217,420,553	41,665,159	41,275,164	10,660,358
Affiliated investments	—	(158)	62	—
Written options	—	(2,320,869)	—	—
	217,420,553	39,344,132	41,275,226	10,660,358
Net realized and unrealized gain (loss)	349,850,896	78,573,839	5,373,187	28,968,826
Increase in net assets from operations	\$348,385,041	\$91,564,316	\$40,746,116	\$28,680,220

John Hancock Funds II

Statements of operations — For the six months ended February 29, 2024 (unaudited)

	High Yield Fund	International Strategic Equity Allocation Fund	Mid Value Fund	Science & Technology Fund
Investment income				
Dividends	\$99,593	\$31,645,879	\$14,673,432	\$511,358
Interest	7,777,235	3,850,070	17,547	467
Securities lending	3,914	289,684	96,584	20,526
Less foreign taxes withheld	—	(3,276,106)	(68,768)	(10,696)
Total investment income	7,880,742	32,509,527	14,718,795	521,655
Expenses				
Investment management fees	675,084	10,815,076	6,112,817	939,548
Distribution and service fees	48,220	—	—	—
Accounting and legal services fees	23,112	404,685	167,333	23,773
Trustees' fees	2,797	47,878	18,390	2,949
Custodian fees	19,279	736,179	83,433	16,039
Printing and postage	6,213	10,788	7,658	6,424
Professional fees	47,892	105,180	48,945	32,612
Other	11,410	58,875	23,037	11,063
Total expenses	834,007	12,178,661	6,461,613	1,032,408
Less expense reductions	(7,102)	(2,440,163)	(343,337)	(55,751)
Net expenses	826,905	9,738,498	6,118,276	976,657
Net investment income (loss)	7,053,837	22,771,029	8,600,519	(455,002)
Realized and unrealized gain (loss)				
Net realized gain (loss) on				
Unaffiliated investments and foreign currency transactions	(2,894,936)	(50,808,049)	54,488,877	19,585,475
Affiliated investments	217	17,629	13,127	466
Futures contracts	(41,155)	2,592,199	—	—
Forward foreign currency contracts	1,749	—	—	—
Swap contracts	66,576	—	—	—
	(2,867,549)	(48,198,221)	54,502,004	19,585,941
Change in net unrealized appreciation (depreciation) of				
Unaffiliated investments and translation of assets and liabilities in foreign currencies	5,505,055	273,732,639 ¹	109,541,573	20,560,587
Affiliated investments	(29)	2,524	(1,679)	—
Futures contracts	(65,753)	6,067,513	—	—
Forward foreign currency contracts	1,726	—	—	—
Swap contracts	295,865	—	—	—
	5,736,864	279,802,676	109,539,894	20,560,587
Net realized and unrealized gain (loss)	2,869,315	231,604,455	164,041,898	40,146,528
Increase in net assets from operations	\$9,923,152	\$254,375,484	\$172,642,417	\$39,691,526

¹ Net of \$3,337,713 increase in deferred foreign withholding taxes.

John Hancock Funds II

Statements of operations — For the six months ended February 29, 2024 (unaudited)

	U.S. Sector Rotation Fund
Investment income	
Dividends	\$24,947,184
Income distributions received from affiliated investments	3,555,956
Interest	220,851
Securities lending	21,700
Less foreign taxes withheld	(7,875)
Total investment income	28,737,816
Expenses	
Investment management fees	10,867,245
Accounting and legal services fees	407,854
Trustees' fees	50,191
Custodian fees	249,345
Printing and postage	11,573
Professional fees	99,070
Other	47,975
Total expenses	11,733,253
Less expense reductions	(2,479,208)
Net expenses	9,254,045
Net investment income	19,483,771
Realized and unrealized gain (loss)	
Net realized gain (loss) on	
Unaffiliated investments and foreign currency transactions	98,352,026
Affiliated investments	46,721
Futures contracts	8,100,253
	106,499,000
Change in net unrealized appreciation (depreciation) of	
Unaffiliated investments and translation of assets and liabilities in foreign currencies	336,611,167
Affiliated investments	22,533
Futures contracts	3,938,564
	340,572,264
Net realized and unrealized gain (loss)	447,071,264
Increase in net assets from operations	\$466,555,035

John Hancock Funds II

Statements of changes in net assets

	Capital Appreciation Fund		Capital Appreciation Value Fund		Core Bond Fund	
	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(1,465,855)	\$(1,321,233)	\$12,990,477	\$25,806,962	\$35,372,929	\$54,379,630
Net realized gain (loss)	132,430,343	108,589,252	39,229,707	3,851,121	(35,902,039)	(107,522,594)
Change in net unrealized appreciation (depreciation)	217,420,553	209,275,497	39,344,132	99,666,462	41,275,226	35,339,323
Increase (decrease) in net assets resulting from operations	348,385,041	316,543,516	91,564,316	129,324,545	40,746,116	(17,803,641)
Distributions to shareholders						
From earnings						
Class 1	(33,415,811)	(51,623,538)	—	—	(2,719,631)	(4,071,085)
Class NAV	(52,847,349)	(87,259,196)	(46,300,731)	(152,535,808)	(37,383,353)	(49,179,048)
Total distributions	(86,263,160)	(138,882,734)	(46,300,731)	(152,535,808)	(40,102,984)	(53,250,133)
From fund share transactions						
From fund share transactions	712,403	(82,482,263)	6,985,665	(69,593,451)	870,506	257,099,119
Total increase (decrease)	262,834,284	95,178,519	52,249,250	(92,804,714)	1,513,638	186,045,345
Net assets						
Beginning of period	1,481,180,969	1,386,002,450	1,160,431,075	1,253,235,789	1,797,940,059	1,611,894,714
End of period	\$1,744,015,253	\$1,481,180,969	\$1,212,680,325	\$1,160,431,075	\$1,799,453,697	\$1,797,940,059

	Health Sciences Fund		High Yield Fund		International Strategic Equity Allocation Fund	
	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$(288,606)	\$(713,888)	\$7,053,837	\$13,572,545	\$22,771,029	\$109,319,839
Net realized gain (loss)	18,308,468	15,917,926	(2,867,549)	(13,740,720)	(48,198,221)	(57,751,981)
Change in net unrealized appreciation (depreciation)	10,660,358	(663,056)	5,736,864	12,412,754	279,802,676	427,718,476
Increase in net assets resulting from operations	28,680,220	14,540,982	9,923,152	12,244,579	254,375,484	479,286,334
Distributions to shareholders						
From earnings						
Class 1	—	—	(8,365,063)	(13,372,984)	—	—
Class NAV	(18,320,567)	(8,653,037)	—	—	(113,368,383)	(92,213,840)
Total distributions	(18,320,567)	(8,653,037)	(8,365,063)	(13,372,984)	(113,368,383)	(92,213,840)
From fund share transactions						
From fund share transactions	(4,666,839)	(57,564,224)	3,704,252	(14,977,008)	49,714,219	(947,029,848)
Total increase (decrease)	5,692,814	(51,676,279)	5,262,341	(16,105,413)	190,721,320	(559,957,354)
Net assets						
Beginning of period	265,257,488	316,933,767	191,789,748	207,895,161	3,402,295,269	3,962,252,623
End of period	\$270,950,302	\$265,257,488	\$197,052,089	\$191,789,748	\$3,593,016,589	\$3,402,295,269

John Hancock Funds II

Statements of changes in net assets

	Mid Value Fund		Science & Technology Fund		U.S. Sector Rotation Fund	
	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23	Six months ended 2-29-24 (unaudited)	Year ended 8-31-23
Increase (decrease) in net assets						
From operations						
Net investment income (loss)	\$8,600,519	\$16,586,490	\$(455,002)	\$(522,295)	\$19,483,771	\$52,938,071
Net realized gain (loss)	54,502,004	140,940,560	19,585,941	5,549,383	106,499,000	(106,841,197)
Change in net unrealized appreciation (depreciation)	109,539,894	31,101,144	20,560,587	39,077,536	340,572,264	668,402,835
Increase in net assets resulting from operations	172,642,417	188,628,194	39,691,526	44,104,624	466,555,035	614,499,709
Distributions to shareholders						
From earnings						
Class NAV	(134,654,931)	(228,179,709)	—	(18,119,628)	(46,221,874)	(117,724,841)
Total distributions	(134,654,931)	(228,179,709)	—	(18,119,628)	(46,221,874)	(117,724,841)
From fund share transactions						
From fund share transactions	12,272,612	100,795,139	(30,958,354)	23,622,210	95,075,330	(1,723,680,714)
Total increase (decrease)	50,260,098	61,243,624	8,733,172	49,607,206	515,408,491	(1,226,905,846)
Net assets						
Beginning of period	1,437,832,723	1,376,589,099	203,756,640	154,149,434	3,184,556,078	4,411,461,924
End of period	\$1,488,092,821	\$1,437,832,723	\$212,489,812	\$203,756,640	\$3,699,964,569	\$3,184,556,078

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														
02-29-2024 ³	13.19	(0.02)	3.10	3.08	—	(0.78)	(0.78)	15.49	24.13 ⁴	0.81 ⁵	0.80 ⁵	(0.22) ⁵	697	16
08-31-2023	11.86	(0.01)	2.56	2.55	—	(1.22)	(1.22)	13.19	25.42	0.81	0.80	(0.13)	586	30
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
Class NAV														
02-29-2024 ³	13.31	(0.01)	3.12	3.11	—	(0.78)	(0.78)	15.64	24.14 ⁴	0.76 ⁵	0.75 ⁵	(0.17) ⁵	1,047	16
08-31-2023	11.95	(0.01)	2.59	2.58	—	(1.22)	(1.22)	13.31	25.49	0.76	0.75	(0.08)	895	30
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
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 2-29-24. Unaudited. 4. Not annualized. 5. Annualized. 6. Less than \$0.005 per share.														
Capital Appreciation Value Fund														
Class NAV														
02-29-2024 ³	9.10	0.10	0.63	0.73	(0.21)	(0.16)	(0.37)	9.46	8.21 ⁴	0.89 ⁵	0.84 ⁵	2.28 ⁵	1,213	37
08-31-2023	9.36	0.19	0.72	0.91	(0.14)	(1.03)	(1.17)	9.10	11.38	0.88	0.84	2.14	1,160	88
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
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 2-29-24. Unaudited. 4. Not annualized. 5. Annualized.														
Core Bond Fund														
Class 1														
02-29-2024 ³	10.87	0.22	0.05	0.27	(0.25)	—	(0.25)	10.89	2.48 ⁴	0.68 ⁵	0.67 ⁵	4.02 ⁵	122	122
08-31-2023	11.35	0.35	(0.48)	(0.13)	(0.35)	—	(0.35)	10.87	(1.11)	0.68	0.67	3.19	119	238
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
Class NAV														
02-29-2024 ³	10.86	0.22	0.04	0.26	(0.25)	—	(0.25)	10.87	2.42 ⁴	0.63 ⁵	0.62 ⁵	4.07 ⁵	1,677	122
08-31-2023	11.33	0.36	(0.47)	(0.11)	(0.36)	—	(0.36)	10.86	(0.97)	0.63	0.62	3.26	1,679	238
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
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 2-29-24. Unaudited. 4. Not annualized. 5. Annualized.														
Health Sciences Fund														
Class NAV														
02-29-2024 ³	4.83	(0.01)	0.52	0.51	—	(0.34)	(0.34)	5.00	11.13 ⁴	1.01 ⁵	0.96 ⁵	(0.22) ⁵	271	29
08-31-2023	4.75	(0.01)	0.23	0.22	—	(0.14)	(0.14)	4.83	4.65	1.00	0.95	(0.24)	265	36
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
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 2-29-24. 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 (\$)	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 (\$)		Total return (%) ²	Expenses before reductions (%)	Expenses including reductions (%)	Net investment income (loss) (%)	Net assets, end of period (in millions)	Portfolio turnover (%)	
High Yield Fund															
Class 1															
02-29-2024 ³	6.89	0.25	0.10	0.35	(0.30)	—	(0.30)	6.94	5.18 ⁴	0.86 ⁵	0.86 ⁵	7.31 ⁵	197	22	
08-31-2023	6.91	0.47	(0.02)	0.45	(0.47)	—	(0.47)	6.89	6.91	0.87	0.86	7.03	192	31	
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	
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 2-29-24. Unaudited. 4. Not annualized. 5. Annualized.															
International Strategic Equity Allocation Fund															
Class NAV															
02-29-2024 ³	9.27	0.06 ⁴	0.63	0.69	(0.31)	—	(0.31)	9.65	7.51 ⁵	0.72 ⁶	0.57 ⁶	1.34 ^{4,6}	3,593	25	
08-31-2023	8.54	0.24	0.69	0.93	(0.20)	—	(0.20)	9.27	11.14	0.70	0.56	2.71	3,402	33 ⁷	
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	
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 2-29-24. Unaudited. 4. Net investment income is affected by the timing and frequency of the declaration of dividends by the securities in which the fund invests. 5. Not annualized. 6. Annualized. 7. Excludes in-kind transactions.															
Mid Value Fund															
Class NAV															
02-29-2024 ³	16.42	0.10	1.88	1.98	(0.21)	(1.40)	(1.61)	16.79	12.60 ⁴	0.92 ⁵	0.88 ⁵	1.23 ⁵	1,488	16	
08-31-2023	17.35	0.19	1.83	2.02	(0.10)	(2.85)	(2.95)	16.42	13.82	0.92	0.87	1.18	1,438	55	
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	
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 2-29-24. Unaudited. 4. Not annualized. 5. Annualized.															
Science & Technology Fund															
Class NAV															
02-29-2024 ³	1.67	— ⁴	0.35	0.35	—	—	—	2.02	20.96 ⁵	1.04 ⁶	0.98 ⁶	(0.46) ⁶	212	172	
08-31-2023	1.38	— ⁴	0.44	0.44	—	(0.15)	(0.15)	1.67	37.29	1.07	1.02	(0.35)	204	127	
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	
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 2-29-24. 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															
02-29-2024 ³	9.60	0.06	1.25	1.31	(0.13)	—	(0.13)	10.78	13.74 ⁴	0.69 ⁵	0.54 ⁵	1.14 ⁵	3,700	33	
08-31-2023	8.56	0.11	1.16	1.27	(0.09)	(0.14)	(0.23)	9.60	15.27	0.68	0.54	1.26	3,185	68 ⁶	
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	
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 2-29-24. 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 Valuation Policies and Procedures of the Advisor, John Hancock Investment Management LLC.

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 29, 2024, by major security category or type:

	Total value at 2-29-24	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	\$217,042,369	\$217,042,369	—	—
Consumer discretionary	366,879,256	346,277,000	\$20,602,256	—
Consumer staples	51,239,429	35,781,109	15,458,320	—
Financials	132,174,924	132,174,924	—	—
Health care	198,903,698	198,903,698	—	—
Industrials	42,241,895	42,241,895	—	—
Information technology	718,156,224	718,156,224	—	—
Real estate	16,998,553	16,998,553	—	—
Short-term investments	1,657,092	1,657,092	—	—
Total investments in securities	\$1,745,293,440	\$1,709,232,864	\$36,060,576	—
Capital Appreciation Value Fund				
Investments in securities:				
Assets				
Common stocks	\$750,019,455	\$750,019,455	—	—
Preferred securities	3,330,667	3,330,667	—	—
U.S. Government and Agency obligations	139,244,090	—	\$139,244,090	—
Corporate bonds	126,169,104	—	126,169,104	—
Term loans	126,892,332	—	126,892,332	—
Short-term investments	77,943,029	77,943,029	—	—
Total investments in securities	\$1,223,598,677	\$831,293,151	\$392,305,526	—
Derivatives:				
Liabilities				
Written options	\$(3,546,683)	—	\$(3,546,683)	—
Core Bond Fund				
Investments in securities:				
Assets				
U.S. Government and Agency obligations	\$1,007,282,312	—	\$1,007,282,312	—
Foreign government obligations	12,601,011	—	12,601,011	—
Corporate bonds	428,941,032	—	428,941,032	—
Municipal bonds	3,669,905	—	3,669,905	—
Collateralized mortgage obligations	264,568,324	—	264,568,324	—
Asset backed securities	134,130,979	—	134,130,979	—
Short-term investments	71,868,358	\$71,868,358	—	—
Total investments in securities	\$1,923,061,921	\$71,868,358	\$1,851,193,563	—
Health Sciences Fund				
Investments in securities:				
Assets				
Common stocks				
Financials	\$795,719	\$795,719	—	—
Health care	266,837,051	264,778,308	\$2,058,743	—
Materials	138,474	138,474	—	—
Preferred securities	813,133	—	813,133	—
Convertible bonds	285,936	—	285,936	—
Warrants	2,273	1,980	293	—
Short-term investments	1,129,636	1,129,636	—	—
Total investments in securities	\$270,002,222	\$266,844,117	\$3,158,105	—

Significant accounting policies, continued

	Total value at 2-29-24	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
High Yield Fund				
Investments in securities:				
Assets				
Foreign government obligations	\$574,975	—	\$574,975	—
Corporate bonds	162,436,310	—	162,436,310	—
Convertible bonds	1,061,579	—	1,061,579	—
Term loans	11,183,329	—	10,691,208	\$492,121
Asset backed securities	14,410,598	—	14,410,598	—
Common stocks	1,079,783	\$1,050,728	—	29,055
Preferred securities	867,013	—	557,061	309,952
Escrow shares	65,311	—	—	65,311
Escrow certificates	—	—	—	—
Short-term investments	3,102,271	3,102,271	—	—
Total investments in securities	\$194,781,169	\$4,152,999	\$189,731,731	\$896,439
Derivatives:				
Assets				
Futures	\$12,212	\$12,212	—	—
Forward foreign currency contracts	6,914	—	\$6,914	—
Swap contracts	1,080,717	—	1,080,717	—
Liabilities				
Futures	(538)	(538)	—	—
Forward foreign currency contracts	(7,180)	—	(7,180)	—
Swap contracts	(468,794)	—	(468,794)	—

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

International Strategic Equity Allocation Fund

Investments in securities:

Assets				
Common stocks				
Australia	\$157,898,742	—	\$157,898,742	—
Austria	4,071,609	—	4,071,609	—
Belgium	17,931,473	—	17,931,473	—
Brazil	36,647,912	\$36,647,912	—	—
Canada	259,205,499	259,205,499	—	—
Chile	4,587,583	—	4,587,583	—
China	199,877,447	10,157,931	189,719,516	—
Colombia	560,367	560,367	—	—
Czech Republic	1,278,493	—	1,278,493	—
Denmark	99,247,386	—	99,247,386	—
Finland	22,561,112	—	22,561,112	—
France	268,097,509	—	268,097,509	—
Germany	182,275,711	—	182,275,711	—
Hong Kong	58,162,773	401,882	57,760,891	—
Hungary	2,365,112	—	2,365,112	—
India	168,818,996	—	168,818,996	—
Indonesia	9,586,613	—	9,586,613	—
Ireland	39,782,279	11,179,158	28,603,121	—
Israel	16,447,716	7,673,231	8,774,485	—
Italy	67,028,534	—	67,028,534	—
Japan	568,629,182	—	568,629,182	—
Jordan	526,643	—	526,643	—
Luxembourg	4,893,003	—	4,893,003	—
Macau	919,033	—	919,033	—
Malaysia	13,202,577	—	13,202,577	—
Mexico	21,994,075	21,994,075	—	—

Significant accounting policies, continued

	Total value at 2-29-24	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
International Strategic Equity Allocation Fund (continued)				
Netherlands	\$119,907,902	—	\$119,907,902	—
New Zealand	4,631,072	—	4,631,072	—
Norway	13,676,466	—	13,676,466	—
Peru	2,073,631	\$2,073,631	—	—
Philippines	6,469,697	—	6,469,697	—
Poland	9,322,690	—	9,322,690	—
Portugal	3,296,079	—	3,296,079	—
Qatar	8,177,335	—	8,177,335	—
Saudi Arabia	44,059,020	—	44,059,020	—
Singapore	9,307,773	1,138,623	8,169,150	—
South Africa	23,020,821	—	23,020,821	—
South Korea	110,818,561	—	110,818,561	—
Spain	56,154,864	—	56,154,864	—
Sweden	71,419,929	—	71,419,929	—
Switzerland	218,153,179	—	218,153,179	—
Taiwan	168,292,867	—	168,292,867	—
Thailand	466,105	—	466,105	—
Turkey	6,320,332	—	6,320,332	—
United Arab Emirates	11,646,879	—	11,646,879	—
United Kingdom	276,071,622	1,879,433	274,192,189	—
United States	5,308,226	3,883,350	1,424,876	—
Preferred securities				
Brazil	14,906,216	14,906,216	—	—
Chile	909,529	—	909,529	—
Colombia	531,678	531,678	—	—
Germany	10,358,695	—	10,358,695	—
South Korea	6,433,218	—	6,433,218	—
Rights	10,982	—	10,982	—
Warrants	359	359	—	—
Short-term investments	189,020,965	39,025,399	149,995,566	—
Total investments in securities	\$3,617,364,071	\$411,258,744	\$3,206,105,327	—
Derivatives:				
Assets				
Futures	\$7,021,037	\$7,021,037	—	—
Liabilities				
Futures	(56,217)	(56,217)	—	—

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

Mid Value Fund

Investments in securities:

Assets				
Common stocks				
Communication services	\$36,909,965	\$36,909,965	—	—
Consumer discretionary	124,598,881	106,437,539	\$18,161,342	—
Consumer staples	84,859,100	84,859,100	—	—
Energy	94,300,118	94,300,118	—	—
Financials	241,803,084	241,803,084	—	—
Health care	145,218,162	145,218,162	—	—
Industrials	235,720,270	212,659,580	23,060,690	—
Information technology	181,752,694	181,752,694	—	—
Materials	81,245,063	81,245,063	—	—
Real estate	96,463,087	96,463,087	—	—
Utilities	93,372,670	93,372,670	—	—
Convertible bonds	2,574,717	—	2,574,717	—

Significant accounting policies, continued

	Total value at 2-29-24	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Mid Value Fund (continued)				
Short-term investments	\$84,778,210	\$84,778,210	—	—
Total investments in securities	\$1,503,596,021	\$1,459,799,272	\$43,796,749	—

Science & Technology Fund

Investments in securities:

Assets				
Common stocks				
Communication services	\$29,919,440	\$29,919,440	—	—
Consumer discretionary	1,640,405	1,640,405	—	—
Financials	1,652,218	569,968	\$1,082,250	—
Industrials	2,788,493	2,788,493	—	—
Information technology	176,643,730	176,419,413	224,317	—
Short-term investments	617,417	617,417	—	—
Total investments in securities	\$213,261,703	\$211,955,136	\$1,306,567	—

U.S. Sector Rotation Fund

Investments in securities:

Assets				
Common stocks				
Communication services	\$343,494,125	\$343,494,125	—	—
Consumer discretionary	399,096,296	399,091,110	\$5,186	—
Consumer staples	191,080,063	191,080,063	—	—
Energy	139,857,509	139,857,509	—	—
Financials	483,824,424	483,824,424	—	—
Health care	448,752,852	448,651,243	—	\$101,609
Industrials	327,325,573	327,325,573	—	—
Information technology	1,093,410,508	1,093,410,508	—	—
Materials	63,942,008	63,942,008	—	—
Real estate	64,681,205	64,681,205	—	—
Utilities	32,049,250	32,049,250	—	—
Short-term investments	103,183,638	103,183,638	—	—
Total investments in securities	\$3,690,697,451	\$3,690,590,656	\$5,186	\$101,609

Derivatives:

Assets				
Futures	\$4,502,160	\$4,502,160	—	—

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 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 on debt securities 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 following funds have 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) in the Statements of assets and liabilities, as follows:

Fund	Counterparty	Collateral Paid/ (Received)
Core Bond Fund	Morgan Stanley	\$690,000

Significant accounting policies, continued

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.

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 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 29, 2024:

Significant accounting policies, continued

Fund	Market value of securities on loan	Cash collateral received
Capital Appreciation Value Fund	\$1,312,047	\$1,357,290
Core Bond Fund	947,344	968,694
High Yield Fund	1,322,626	1,376,805
International Strategic Equity Allocation Fund	37,022,325	39,010,471
Mid Value Fund	11,629,205	11,894,082

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 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.

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 29, 2024, the funds had no borrowings under the line of credit.

Commitment fees for the six months ended February 29, 2024 were as follows:

Fund	Commitment fee
Capital Appreciation Fund	\$4,125
Capital Appreciation Value Fund	3,673
Core Bond Fund	4,191
Health Sciences Fund	2,194
High Yield Fund	2,033
International Strategic Equity Allocation Fund	8,345
Mid Value Fund	4,092
Science & Technology Fund	2,001
U.S. Sector Rotation Fund	8,393

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 each 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.

Significant accounting policies, continued

For federal income tax purposes, as of August 31, 2023, 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, 2023:

Fund	No Expiration Date	
	Short Term	Long Term
Core Bond Fund	\$126,207,176	\$ 84,439,793
High Yield Fund	5,413,183	108,511,055
International Strategic Equity Allocation Fund	123,862,759	93,428,929
Science & Technology Fund	—	15,751,129
U.S. Sector Rotation Fund	106,796,746	—

As of August 31, 2023, 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 29, 2024, including short-term investments, were as follows:

Fund	Aggregate cost	Unrealized appreciation	Unrealized (depreciation)	Net unrealized appreciation/ (depreciation)
Capital Appreciation Fund	\$688,190,065	\$1,062,763,795	\$(5,660,420)	\$1,057,103,375
Capital Appreciation Value Fund	1,078,941,042	161,599,496	(20,488,544)	141,110,952
Core Bond Fund	1,977,405,442	11,971,132	(66,314,653)	(54,343,521)
Health Sciences Fund	186,780,020	94,648,821	(11,426,619)	83,222,202
High Yield Fund	222,058,212	3,843,438	(30,497,150)	(26,653,712)
International Strategic Equity Allocation Fund	3,440,690,281	427,440,403	(243,801,793)	183,638,610
Mid Value Fund	1,152,478,437	380,928,283	(29,810,699)	351,117,584
Science & Technology Fund	171,265,201	42,482,177	(485,675)	41,996,502
U.S. Sector Rotation Fund	3,254,037,549	483,263,098	(42,101,036)	441,162,062

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 funds' 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, foreign currency transactions, investments in passive foreign investment companies, wash sale loss deferrals, derivative transactions, amortization and accretion on debt securities, in-kind transactions and corporate actions.

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.

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.

Derivative instruments, continued

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 29, 2024. 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 \$12.9 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 \$161.9 million to \$177.2 million
U.S. Sector Rotation Fund	To manage against change in certain securities markets and gain exposure to certain securities markets.	From \$74.1 million to \$159.3 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 29, 2024. 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 \$1.2 million to \$1.3 million

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 29, 2024. In addition, the table summarizes the range of market value amounts held by the funds, as measured at each quarter end:

Derivative instruments, continued

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 \$2.4 million to \$6.6 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 29, 2024. 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 \$1.3 million to \$4.4 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 29, 2024. 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.	From \$1.8 million to \$11.0 million

Fair value of derivative instruments by risk category

The table below summarizes the fair value of derivatives held by the funds at February 29, 2024 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	Equity	Written options, at value	Written options	—	\$(3,546,683)
High Yield Fund	Interest rate	Receivable/payable for futures variation margin ¹	Futures	\$12,212	\$(538)
	Currency	Unrealized appreciation (depreciation) on forward foreign currency contracts	Forward foreign currency contracts	6,914	(7,180)
	Credit	Swap contracts, at value ²	Credit default swaps	1,080,717	(468,794)
				\$1,099,843	\$(476,512)

Derivative instruments, continued

Fund	Risk	Statements of assets and liabilities location	Financial instruments location	Assets derivatives fair value	Liabilities derivatives fair value
International Strategic Equity Allocation Fund	Currency	Receivable/payable for futures variation margin ¹	Futures	—	\$(56,217)
	Equity	Receivable/payable for futures variation margin ¹	Futures	\$7,021,037	—
				\$7,021,037	\$(56,217)
U.S. Sector Rotation Fund	Equity	Receivable/payable for futures variation margin ¹	Futures	\$4,502,160	—

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 29, 2024:

		Statements of operations location - Net realized gain (loss) on:				
Fund	Risk	Futures contracts	Forward foreign currency contracts	Written options	Swap contracts	Total
Capital Appreciation Value Fund High Yield Fund	Equity	—	—	\$4,516,051	—	\$4,516,051
	Interest rate	\$(41,155)	—	—	—	\$(41,155)
	Currency	—	\$1,749	—	—	1,749
	Credit	—	—	—	\$66,576	66,576
	Total	\$(41,155)	\$1,749	—	\$66,576	\$27,170
International Strategic Equity Allocation Fund	Currency	\$17,783	—	—	—	\$17,783
	Equity	2,574,416	—	—	—	2,574,416
	Total	\$2,592,199	—	—	—	\$2,592,199
U.S. Sector Rotation Fund	Equity	\$8,100,253	—	—	—	\$8,100,253

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 29, 2024:

		Statements of operations location - Change in net unrealized appreciation (depreciation) of:				
Fund	Risk	Futures contracts	Forward foreign currency contracts	Written options	Swap contracts	Total
Capital Appreciation Value Fund High Yield Fund	Equity	—	—	\$(2,320,869)	—	\$(2,320,869)
	Interest rate	\$(65,753)	—	—	—	\$(65,753)
	Currency	—	\$1,726	—	—	1,726
	Credit	—	—	—	\$295,865	295,865
	Total	\$(65,753)	\$1,726	—	\$295,865	\$231,838
International Strategic Equity Allocation Fund	Currency	\$(5,228)	—	—	—	\$(5,228)
	Equity	6,072,741	—	—	—	6,072,741
	Total	\$6,067,513	—	—	—	\$6,067,513
U.S. Sector Rotation Fund	Equity	\$3,938,564	—	—	—	\$3,938,564

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.

Fees and transactions with affiliates, continued

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; c) 0.950% of excess over \$750 million of aggregate net assets; 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. If aggregate net assets exceed \$750 million, the management fee is 0.950% of the first \$750 million of aggregate net assets. If aggregate net assets exceed \$1.5 billion, the management fee is 0.900% of all aggregate net assets. 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** — 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. Aggregate net assets include these two funds and JHVIT Strategic Equity Allocation Trust.
- **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% of the next \$100 million of aggregate net assets; d) 0.975% of the next \$300 million of aggregate net assets; e) 0.950% of the next \$500 million of aggregate net assets; and f) 0.925% of aggregate net assets in excess of \$1 billion. When aggregate net assets exceed \$100 million on any day, the annual rate of advisory fee for that day is 1.000% on the first \$100 million of aggregate net assets. When aggregate net assets exceed \$200 million on any day, the annual rate of advisory fee for that day is 0.975% on the first \$200 million of aggregate net assets. When aggregate net assets exceed \$500 million on any day, the annual rate of advisory fee for that day is 0.950% on the first \$500 million of aggregate net assets. 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	T. Rowe Price Associates, Inc.
High Yield Fund	Western Asset Management Company, LLC, (Sub-Subadvisor is Western Asset Management Company Limited)

¹ An affiliate of the Advisor.

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 29, 2024, this waiver amounted to 0.01% of the funds' average daily net assets, on an annualized basis. This arrangement expires on July 31, 2025, 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. Effective September 28, 2023, this waiver is no longer applicable to Science & Technology Fund.

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 29, 2024, the expense reductions described above amounted to the following:

Expense Reimbursement by Class			
Fund	Class 1	Class NAV	Total
Capital Appreciation Fund	\$22,033	\$34,479	\$56,512
Capital Appreciation Value Fund	—	255,972	255,972
Core Bond Fund	4,371	59,675	64,046
Health Sciences Fund	—	69,684	69,684
High Yield Fund	7,102	—	7,102
International Strategic Equity Allocation Fund	—	2,440,163	2,440,163
Mid Value Fund	—	343,337	343,337
Science & Technology Fund	—	55,751	55,751
U.S. Sector Rotation Fund	—	2,479,208	2,479,208

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 29, 2024, 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	0.70%	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	0.89%
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 29, 2024, 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 29, 2024 were as follows:

Fund	Class	Distribution and service fees
Capital Appreciation Fund	Class 1	\$149,190
Core Bond Fund	Class 1	\$29,661
High Yield Fund	Class 1	\$48,220

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)
Capital Appreciation Fund	Borrower	\$15,200,000	1	5.810%	\$(2,453)
Capital Appreciation Fund	Lender	6,300,000	1	5.810%	1,017
Capital Appreciation Value Fund	Lender	18,300,000	2	5.805%	5,902
Health Sciences Fund	Lender	1,200,000	1	5.810%	194
Mid Value Fund	Lender	14,100,000	3	5.800%	6,815
Science & Technology Fund	Lender	2,000,000	1	5.810%	323

6. Fund share transactions

Transactions in funds' shares for the six months ended February 29, 2024 and for the year ended August 31, 2023 were as follows:

Capital Appreciation Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class 1 shares				
Sold	1,386,284	\$19,880,451	2,469,272	\$29,614,258
Distributions reinvested	2,432,010	33,415,811	5,428,343	51,623,538
Repurchased	(3,283,364)	(44,051,226)	(8,772,337)	(97,585,184)
Net increase (decrease)	534,930	\$9,245,036	(874,722)	\$(16,347,388)
Class NAV shares				
Sold	3,904,965	\$54,040,955	6,530,293	\$75,733,143
Distributions reinvested	3,807,446	52,847,349	9,098,978	87,259,196
Repurchased	(8,032,903)	(115,420,937)	(19,334,466)	(229,127,214)
Net decrease	(320,492)	\$(8,532,633)	(3,705,195)	\$(66,134,875)
Total net increase (decrease)	214,438	\$712,403	(4,579,917)	\$(82,482,263)
Capital Appreciation Value Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	4,215,457	\$38,927,626	1,205,496	\$10,558,464
Distributions reinvested	5,082,407	46,300,731	19,043,172	152,535,808
Repurchased	(8,691,278)	(78,242,692)	(26,617,705)	(232,687,723)
Net increase (decrease)	606,586	\$6,985,665	(6,369,037)	\$(69,593,451)
Total net increase (decrease)	606,586	\$6,985,665	(6,369,037)	\$(69,593,451)
Core Bond Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class 1 shares				
Sold	842,138	\$9,123,762	1,148,133	\$12,703,995
Distributions reinvested	251,526	2,719,631	369,919	4,071,085
Repurchased	(791,552)	(8,521,995)	(2,365,496)	(25,899,569)
Net increase (decrease)	302,112	\$3,321,398	(847,444)	\$(9,124,489)
Class NAV shares				
Sold	8,588,265	\$93,658,128	44,896,771	\$493,988,860
Distributions reinvested	3,464,367	37,383,353	4,476,741	49,179,048
Repurchased	(12,474,602)	(133,492,373)	(25,142,550)	(276,944,300)
Net increase (decrease)	(421,970)	\$(2,450,892)	24,230,962	\$266,223,608
Total net increase (decrease)	(119,858)	\$870,506	23,383,518	\$257,099,119

Fund share transactions, continued

Health Sciences Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	986,633	\$4,510,844	1,700,843	\$8,217,828
Distributions reinvested	3,974,093	18,320,567	1,817,865	8,653,037
Repurchased	(5,741,165)	(27,498,250)	(15,273,463)	(74,435,089)
Net decrease	(780,439)	\$(4,666,839)	(11,754,755)	\$(57,564,224)
Total net decrease	(780,439)	\$(4,666,839)	(11,754,755)	\$(57,564,224)
High Yield Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class 1 shares				
Sold	2,242,336	\$15,153,565	2,137,077	\$14,516,079
Distributions reinvested	1,232,914	8,365,063	2,022,010	13,372,984
Repurchased	(2,928,683)	(19,814,376)	(6,382,314)	(42,866,071)
Net increase (decrease)	546,567	\$3,704,252	(2,223,227)	\$(14,977,008)
Total net increase (decrease)	546,567	\$3,704,252	(2,223,227)	\$(14,977,008)
International Strategic Equity Allocation Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	10,414,414	\$95,326,049	65,361,245	\$583,011,355
Distributions reinvested	12,137,943	113,368,383	10,797,874	92,213,840
Repurchased	(17,043,955)	(158,980,213)	(173,275,517)	(1,622,255,043)
Net increase (decrease)	5,508,402	\$49,714,219	(97,116,398)	\$(947,029,848)
Total net increase (decrease)	5,508,402	\$49,714,219	(97,116,398)	\$(947,029,848)
Mid Value Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	691,399	\$10,777,727	3,445,218	\$53,247,705
Distributions reinvested	8,442,315	134,654,931	15,671,683	228,179,709
Repurchased	(8,063,185)	(133,160,046)	(10,929,609)	(180,632,275)
Net increase	1,070,529	\$12,272,612	8,187,292	\$100,795,139
Total net increase	1,070,529	\$12,272,612	8,187,292	\$100,795,139
Science & Technology Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	5,529,595	\$9,378,651	50,504,165	\$78,522,072
Distributions reinvested	—	—	15,894,410	18,119,628
Repurchased	(22,553,169)	(40,337,005)	(56,395,986)	(73,019,490)
Net increase (decrease)	(17,023,574)	\$(30,958,354)	10,002,589	\$23,622,210
Total net increase (decrease)	(17,023,574)	\$(30,958,354)	10,002,589	\$23,622,210
U.S. Sector Rotation Fund	Six Months Ended 2-29-24		Year Ended 8-31-23	
	Shares	Amount	Shares	Amount
Class NAV shares				
Sold	33,932,344	\$322,873,512	35,681,140	\$307,359,946
Distributions reinvested	4,594,620	46,221,874	14,533,931	117,724,841
Repurchased	(27,267,870)	(274,020,056)	(233,859,337)	(2,148,765,501)
Net increase (decrease)	11,259,094	\$95,075,330	(183,644,266)	\$(1,723,680,714)
Total net increase (decrease)	11,259,094	\$95,075,330	(183,644,266)	\$(1,723,680,714)

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 71% and 68% of Class NAV, respectively, on February 29, 2024. Such concentration of shareholders' capital could have a material effect on the fund if such shareholders redeem from the fund.

On July 14, 2023, there was a redemption in kind from Class NAV shares of \$721,512,220 and \$1,174,541,563, which represented approximately 16.1% and 26.3% of International Strategic Equity Allocation Fund and U.S. Sector Rotation Fund, respectively, on that date. For purposes of US GAAP, this transaction was treated as a sale of securities and the resulting gains and losses were recognized based on the market value of the securities on the date of the transfer. For tax purposes, no gains or losses were recognized.

7. Purchase and sale of securities

Purchases and sales of securities, other than short-term investments and in kind transactions, amounted to the following for the six months ended February 29, 2024:

Fund	Purchases		Sales	
	U.S. Government	Other issuers	U.S. Government	Other issuers
Capital Appreciation Fund	—	\$239,078,666	—	\$323,812,788
Capital Appreciation Value Fund	\$92,745,506	317,880,520	\$81,280,959	393,433,809
Core Bond Fund	1,605,176,714	639,207,259	1,611,417,439	604,509,782
Health Sciences Fund	—	75,722,792	—	100,336,453
High Yield Fund	66,927	44,887,703	66,276	42,101,431
International Strategic Equity Allocation Fund	—	809,194,069	—	849,940,060
Mid Value Fund	—	222,107,892	—	359,956,514
Science & Technology Fund	—	337,894,619	—	359,685,321
U.S. Sector Rotation Fund	—	1,114,609,352	—	1,072,027,202

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:

							Dividends and distributions		
	Ending share amount	Beginning value	Cost of purchases	Proceeds from shares sold	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Income distributions received	Capital gain distributions received	Ending value
Capital Appreciation Fund									
John Hancock Collateral Trust*	—	—	\$86,260,942	\$(86,265,487)	\$4,545	—	\$41,669	—	—
Capital Appreciation Value Fund									
John Hancock Collateral Trust*	136,077	\$2,018,771	\$36,284,121	\$(36,945,600)	\$3,691	\$(158)	\$7,214	—	\$1,360,825
Core Bond Fund									
John Hancock Collateral Trust*	96,869	—	\$2,212,148	\$(1,243,454)	\$(30)	\$62	\$940	—	\$968,726
High Yield Fund									
John Hancock Collateral Trust*	137,694	—	\$6,527,950	\$(5,151,145)	\$217	\$(29)	\$3,914	—	\$1,376,993
International Strategic Equity Allocation Fund									
John Hancock Collateral Trust*	3,902,462	\$25,218,768	\$280,363,093	\$(266,576,615)	\$17,629	\$2,524	\$289,684	—	\$39,025,399
Mid Value Fund									
John Hancock Collateral Trust*	1,188,974	\$19,945,112	\$128,990,008	\$(137,056,347)	\$13,127	\$(1,679)	\$96,584	—	\$11,890,221
Science & Technology Fund									
John Hancock Collateral Trust*	—	—	\$12,643,554	\$(12,644,020)	\$466	—	\$20,526	—	—
U.S. Sector Rotation Fund									
John Hancock Collateral Trust*	10,317,951	\$65,678,983	\$436,733,503	\$(399,298,102)	\$46,721	\$22,533	\$3,577,656	—	\$103,183,638

* 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 29, 2024, the following fund(s) had an affiliate ownership of 5% or more of the funds' net assets:

Fund	Affiliated Concentration
Capital Appreciation Fund	42.8%

Investment by affiliated funds, continued

Fund	Affiliated Concentration
Capital Appreciation Value Fund	98.1%
Core Bond Fund	63.5%
Health Sciences Fund	99.9%
International Strategic Equity Allocation Fund	100.0%
Mid Value Fund	100.0%
Science & Technology Fund	99.8%
U.S. Sector Rotation Fund	100.0%

11. 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 29, 2024:

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%.

12. LIBOR discontinuation risk

Certain debt securities, derivatives and other financial instruments have traditionally utilized LIBOR as the reference or benchmark rate for interest rate calculations. However, following allegations of manipulation and concerns regarding liquidity, the U.K. Financial Conduct Authority (UK FCA) announced that LIBOR would be discontinued as of June 30, 2023. The UK FCA elected to require the ICE Benchmark Administration Limited, the administrator of LIBOR, to continue publishing a subset of British pound sterling and U.S. dollar LIBOR settings on a “synthetic” basis. The synthetic publication of the three-month sterling LIBOR will continue until March 31, 2024, and the publication of the one-, three and six-month U.S. dollar LIBOR will continue until September 30, 2024.

Although the transition process away from LIBOR has become increasingly well-defined in advance of the discontinuation dates, the impact on certain debt securities, derivatives and other financial instruments remains uncertain. Market participants have adopted alternative rates such as Secured Overnight Financing Rate (SOFR) or otherwise amended financial instruments referencing LIBOR to include fallback provisions and other measures that contemplated the discontinuation of LIBOR or other similar market disruption events, but neither the effect of the transition process nor the viability of such measures is known. To facilitate the transition of legacy derivatives contracts referencing LIBOR, the International Swaps and Derivatives Association, Inc. launched a protocol to incorporate fallback provisions. However, there are obstacles to converting certain longer term securities and transactions to a new benchmark or benchmarks and the effectiveness of one alternative reference rate versus multiple alternative reference rates in new or existing financial instruments and products has not been determined. Certain proposed replacement rates to LIBOR, such as SOFR, which is a broad measure of secured overnight U.S. Treasury repo rates, are materially different from LIBOR, and changes in the applicable spread for financial instruments transitioning away from LIBOR will need to be made to accommodate the differences.

The utilization of an alternative reference rate, or the transition process to an alternative reference rate, may adversely affect the funds’ performance.

13. New accounting pronouncement

In March 2020, the Financial Accounting Standards Board (FASB) issued an Accounting Standards Update (ASU), ASU 2020-04, Reference Rate Reform (Topic 848), which provides optional, temporary relief with respect to the financial reporting of contracts subject to certain types of modifications due to the discontinuation of the LIBOR and other IBOR-based reference rates as of the end of 2021. In January 2021 and December 2022, the FASB issued ASU No. 2021-01 and ASU No. 2022-06, with further amendments to Topic 848. 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

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^{*}
Noni L. Ellison
Grace K. Fey
Dean C. Garfield
Deborah C. Jackson
Paul Lorentz[†]
Frances G. Rathke^{*}
Gregory A. Russo

Officers

Kristie M. Feinberg[#], President
Charles A. Rizzo, Chief Financial Officer
Salvatore Schiavone, Treasurer
Christopher (Kit) Sechler, Secretary and Chief Legal Officer
Trevor Swanberg, Chief Compliance Officer

[†] Member of the Audit Committee as of September 26, 2023.

[†] Non-Independent Trustee

^{*} Member of the Audit Committee

[#] Effective June 29, 2023.

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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