

Semiannual Financial Statements
& Other N-CSR Items

John Hancock International Dynamic Growth Fund

International equity

April 30, 2025



John Hancock International Dynamic Growth Fund

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Fund's investments

AS OF 4-30-25 (unaudited)

	Shares	Value
Common stocks 94.2%		\$1,897,693,246
(Cost \$1,721,963,146)		
Argentina 0.7%		14,646,396
Grupo Financiero Galicia SA, ADR (A)	242,490	14,646,396
Australia 1.9%		38,832,590
QBE Insurance Group, Ltd.	2,809,903	38,832,590
Belgium 1.8%		35,832,856
UCB SA	195,446	35,832,856
Canada 4.4%		89,034,996
Loblaw Companies, Ltd.	299,372	48,599,633
Shopify, Inc., Class A (B)	136,702	12,986,690
Thomson Reuters Corp.	147,510	27,448,673
China 7.7%		154,215,963
Alibaba Group Holding, Ltd.	4,721,645	70,494,287
BYD Company, Ltd., H Shares	472,590	22,446,233
Tencent Holdings, Ltd.	1,000,400	61,275,443
France 9.4%		188,675,138
Air Liquide SA	277,320	56,983,144
Danone SA	671,685	57,796,024
Safran SA	125,583	33,420,066
Schneider Electric SE	33,027	7,716,609
Societe Generale SA	628,308	32,759,295
Germany 13.4%		270,466,736
Deutsche Boerse AG	227,615	73,313,309
Heidelberg Materials AG	181,373	36,258,866
MTU Aero Engines AG	101,572	35,154,587
SAP SE	349,638	102,300,017
Siemens Energy AG (B)	303,691	23,439,957
India 2.9%		59,441,405
ICICI Bank, Ltd., ADR	1,771,198	59,441,405
Ireland 1.5%		29,924,198
Experian PLC	601,482	29,924,198
Israel 2.0%		40,809,617
Check Point Software Technologies, Ltd. (B)	185,870	40,809,617
Italy 1.7%		33,721,008
Ferrari NV	73,662	33,721,008

	Shares	Value
Japan 9.9%		\$198,749,355
Hitachi, Ltd.	755,100	18,662,683
Kobe Bussan Company, Ltd.	665,700	20,343,875
Mitsubishi Heavy Industries, Ltd.	3,765,800	74,234,617
Mitsubishi UFJ Financial Group, Inc.	2,235,900	28,170,375
Tokio Marine Holdings, Inc.	1,430,500	57,337,805
Netherlands 2.1%		43,375,411
Adyen NV (B)(C)	1,514	2,449,972
Euronext NV (C)	244,847	40,925,439
Norway 2.0%		39,374,641
Kongsberg Gruppen ASA	244,398	39,374,641
Sweden 2.8%		56,137,419
Spotify Technology SA (B)	91,432	56,137,419
Switzerland 7.6%		152,965,631
Cie Financiere Richemont SA, A Shares	65,095	11,502,625
Coca-Cola HBC AG (B)	597,168	31,096,592
Givaudan SA	10,829	52,242,987
Partners Group Holding AG	6,935	9,086,732
UBS Group AG	381,485	11,580,117
Zurich Insurance Group AG	52,810	37,456,578
Taiwan 3.3%		66,161,177
Taiwan Semiconductor Manufacturing Company, Ltd.	2,335,000	66,161,177
United Kingdom 10.2%		206,367,973
Admiral Group PLC	464,212	20,189,617
BAE Systems PLC	1,716,706	39,797,561
Barclays PLC	5,176,000	20,619,223
Compass Group PLC	79,112	2,667,233
InterContinental Hotels Group PLC	108,010	11,525,680
London Stock Exchange Group PLC	163,243	25,418,673
RELX PLC	619,520	33,726,175
Rolls-Royce Holdings PLC	5,178,981	52,423,811
United States 7.7%		155,638,251
Meta Platforms, Inc., Class A	39,627	21,755,223
Netflix, Inc. (B)	43,174	48,860,879
Philip Morris International, Inc.	496,161	85,022,149
Uruguay 1.2%		23,322,485
MercadoLibre, Inc. (B)	10,006	23,322,485
Exchange-traded funds 3.0%		\$59,426,050
(Cost \$55,499,558)		
iShares Core MSCI EAFE ETF	755,000	59,426,050

	Yield (%)	Shares	Value
Short-term investments 0.0%			\$55,246
(Cost \$55,241)			
Short-term funds 0.0%			55,246
John Hancock Collateral Trust (D)	4.2081(E)	5,523	55,246
Total investments (Cost \$1,777,517,945) 97.2%			\$1,957,174,542
Other assets and liabilities, net 2.8%			57,027,788
Total net assets 100.0%			\$2,014,202,330

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the fund.

Security Abbreviations and Legend

ADR American Depositary Receipt

(A) All or a portion of this security is on loan as of 4-30-25.

(B) Non-income producing security.

(C) This security is exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration.

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

(E) The rate shown is the annualized seven-day yield as of 4-30-25.

At 4-30-25, the aggregate cost of investments for federal income tax purposes was \$1,778,755,854. Net unrealized appreciation aggregated to \$178,418,688, of which \$204,273,124 related to gross unrealized appreciation and \$25,854,436 related to gross unrealized depreciation.

The fund had the following sector composition as a percentage of net assets on 4-30-25:

Financials	26.4%
Industrials	20.6%
Consumer staples	12.1%
Information technology	11.0%
Communication services	9.4%
Consumer discretionary	8.7%
Materials	7.2%
Health care	1.8%
Short-term investments and other	2.8%
TOTAL	100.0%

Financial statements

STATEMENT OF ASSETS AND LIABILITIES 4-30-25 (unaudited)

Assets	
Unaffiliated investments, at value (Cost \$1,777,462,704) including \$54,164 of securities loaned	\$1,957,119,296
Affiliated investments, at value (Cost \$55,241)	55,246
Total investments, at value (Cost \$1,777,517,945)	1,957,174,542
Cash	7,447,163
Foreign currency, at value (Cost \$215,548)	215,435
Dividends and interest receivable	5,503,763
Receivable for fund shares sold	29,458,318
Receivable for investments sold	27,585,950
Receivable for securities lending income	36
Other assets	163,665
Total assets	2,027,548,872
Liabilities	
Payable for investments purchased	12,387,863
Payable for fund shares repurchased	632,876
Payable upon return of securities loaned	55,283
Payable to affiliates	
Accounting and legal services fees	58,621
Transfer agent fees	57,876
Other liabilities and accrued expenses	154,023
Total liabilities	13,346,542
Net assets	\$2,014,202,330
Net assets consist of	
Paid-in capital	\$1,797,430,431
Total distributable earnings (loss)	216,771,899
Net assets	\$2,014,202,330
Net asset value per share	
Based on net asset value and shares outstanding - the fund has an unlimited number of shares authorized with no par value	
Class A (\$23,526,270 ÷ 1,725,849 shares) ¹	\$13.63
Class C (\$401,603 ÷ 30,842 shares) ¹	\$13.02
Class I (\$623,016,996 ÷ 45,249,214 shares)	\$13.77
Class R6 (\$237,693,042 ÷ 17,224,408 shares)	\$13.80
Class NAV (\$1,129,564,419 ÷ 81,793,643 shares)	\$13.81
Maximum offering price per share	
Class A (net asset value per share ÷ 95%) ²	\$14.35

¹ Redemption price per share is equal to net asset value less any applicable contingent deferred sales charge.

² On single retail sales of less than \$50,000. On sales of \$50,000 or more and on group sales the offering price is reduced.

STATEMENT OF OPERATIONS For the six months ended 4-30-25 (unaudited)

Investment income	
Dividends	\$11,657,333
Interest	378,562
Securities lending	1,645
Less foreign taxes withheld	(975,170)
Total investment income	11,062,370
Expenses	
Investment management fees	5,114,957
Distribution and service fees	27,437
Accounting and legal services fees	126,162
Transfer agent fees	302,588
Trustees' fees	13,790
Custodian fees	189,120
State registration fees	74,512
Printing and postage	15,008
Professional fees	56,616
Other	21,699
Total expenses	5,941,889
Less expense reductions	(56,202)
Net expenses	5,885,687
Net investment income	5,176,683
Realized and unrealized gain (loss)	
Net realized gain (loss) on	
Unaffiliated investments and foreign currency transactions	43,476,759
Affiliated investments	(41)
	43,476,718
Change in net unrealized appreciation (depreciation) of	
Unaffiliated investments and translation of assets and liabilities in foreign currencies	(13,102,475)
Affiliated investments	5
	(13,102,470)
Net realized and unrealized gain	30,374,248
Increase in net assets from operations	\$35,550,931

STATEMENTS OF CHANGES IN NET ASSETS

	Six months ended 4-30-25 (unaudited)	Year ended 10-31-24
Increase (decrease) in net assets		
From operations		
Net investment income	\$5,176,683	\$2,092,356
Net realized gain	43,476,718	56,366,531
Change in net unrealized appreciation (depreciation)	(13,102,470)	172,945,379
Increase in net assets resulting from operations	35,550,931	231,404,266
Distributions to shareholders		
From earnings		
Class I	(543,804)	(283,980)
Class R6	(376,231)	(124,400)
Class NAV	(863,922)	(1,255,474)
Total distributions	(1,783,957)	(1,663,854)
From fund share transactions	1,040,928,166	226,272,738
Total increase	1,074,695,140	456,013,150
Net assets		
Beginning of period	939,507,190	483,494,040
End of period	\$2,014,202,330	\$939,507,190

Financial highlights

CLASS A SHARES Period ended	4-30-25 ¹	10-31-24	10-31-23	10-31-22	10-31-21	10-31-20
Per share operating performance						
Net asset value, beginning of period	\$13.08	\$9.15	\$8.42	\$17.37	\$13.24	\$10.48
Net investment income (loss) ²	0.01	(0.01)	0.03	0.03	(0.06)	(0.06)
Net realized and unrealized gain (loss) on investments	0.54	3.94	0.75	(5.03)	5.01	2.82
Total from investment operations	0.55	3.93	0.78	(5.00)	4.95	2.76
Less distributions						
From net investment income	—	—	(0.05)	—	—	— ³
From net realized gain	—	—	—	(3.95)	(0.82)	—
Total distributions	—	—	(0.05)	(3.95)	(0.82)	—
Net asset value, end of period	\$13.63	\$13.08	\$9.15	\$8.42	\$17.37	\$13.24
Total return (%)^{4,5}	4.20⁶	42.95	9.24	(36.14)	38.72	26.39
Ratios and supplemental data						
Net assets, end of period (in millions)	\$24	\$19	\$12	\$12	\$15	\$6
Ratios (as a percentage of average net assets):						
Expenses before reductions	1.20 ⁷	1.25	1.29	1.29	1.29	1.32
Expenses including reductions	1.19 ⁷	1.20	1.20	1.20	1.20	1.20
Net investment income (loss)	0.20 ⁷	(0.07)	0.28	0.31	(0.35)	(0.50)
Portfolio turnover (%)	88	83	85	94	133	135

¹ Six months ended 4-30-25. Unaudited.

² Based on average daily shares outstanding.

³ Less than \$0.005 per share.

⁴ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁵ Does not reflect the effect of sales charges, if any.

⁶ Not annualized.

⁷ Annualized.

CLASS C SHARES Period ended	4-30-25¹	10-31-24	10-31-23	10-31-22	10-31-21	10-31-20
Per share operating performance						
Net asset value, beginning of period	\$12.54	\$8.84	\$8.15	\$17.05	\$13.10	\$10.44
Net investment loss ²	(0.03)	(0.10)	(0.04)	(0.06)	(0.19)	(0.14)
Net realized and unrealized gain (loss) on investments	0.51	3.80	0.73	(4.89)	4.96	2.80
Total from investment operations	0.48	3.70	0.69	(4.95)	4.77	2.66
Less distributions						
From net realized gain	—	—	—	(3.95)	(0.82)	—
Net asset value, end of period	\$13.02	\$12.54	\$8.84	\$8.15	\$17.05	\$13.10
Total return (%)^{3,4}	3.83⁵	41.86	8.47	(36.64)	37.71	25.48
Ratios and supplemental data						
Net assets, end of period (in millions)	\$— ⁶	\$— ⁶	\$— ⁶	\$— ⁶	\$1	\$— ⁶
Ratios (as a percentage of average net assets):						
Expenses before reductions	1.95 ⁷	2.00	2.04	2.03	2.04	2.07
Expenses including reductions	1.94 ⁷	1.95	1.95	1.94	1.95	1.95
Net investment loss	(0.50) ⁷	(0.83)	(0.46)	(0.52)	(1.18)	(1.21)
Portfolio turnover (%)	88	83	85	94	133	135

¹ Six months ended 4-30-25. Unaudited.

² Based on average daily shares outstanding.

³ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁴ Does not reflect the effect of sales charges, if any.

⁵ Not annualized.

⁶ Less than \$500,000.

⁷ Annualized.

CLASS I SHARES Period ended	4-30-25¹	10-31-24	10-31-23	10-31-22	10-31-21	10-31-20
Per share operating performance						
Net asset value, beginning of period	\$13.21	\$9.24	\$8.50	\$17.46	\$13.27	\$10.49
Net investment income (loss) ²	0.04	0.03	0.05	0.07	(0.02)	— ³
Net realized and unrealized gain (loss) on investments	0.54	3.96	0.76	(5.08)	5.03	2.80
Total from investment operations	0.58	3.99	0.81	(5.01)	5.01	2.80
Less distributions						
From net investment income	(0.02)	(0.02)	(0.07)	—	—	(0.02)
From net realized gain	—	—	—	(3.95)	(0.82)	—
Total distributions	(0.02)	(0.02)	(0.07)	(3.95)	(0.82)	(0.02)
Net asset value, end of period	\$13.77	\$13.21	\$9.24	\$8.50	\$17.46	\$13.27
Total return (%)⁴	4.37⁵	43.28	9.57	(35.99)	39.11	26.64
Ratios and supplemental data						
Net assets, end of period (in millions)	\$623	\$400	\$98	\$54	\$17	\$9
Ratios (as a percentage of average net assets):						
Expenses before reductions	0.95 ⁶	1.00	1.04	1.04	1.04	1.08
Expenses including reductions	0.94 ⁶	0.95	0.95	0.95	0.95	0.95
Net investment income (loss)	0.52 ⁶	0.24	0.48	0.74	(0.12)	0.01
Portfolio turnover (%)	88	83	85	94	133	135

¹ Six months ended 4-30-25. Unaudited.

² Based on average daily shares outstanding.

³ Less than \$0.005 per share.

⁴ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁵ Not annualized.

⁶ Annualized.

CLASS R6 SHARES Period ended	4-30-25¹	10-31-24	10-31-23	10-31-22	10-31-21	10-31-20
Per share operating performance						
Net asset value, beginning of period	\$13.25	\$9.27	\$8.52	\$17.49	\$13.28	\$10.50
Net investment income (loss) ²	0.04	0.04	0.05	0.10	— ³	(0.01)
Net realized and unrealized gain (loss) on investments	0.54	3.97	0.78	(5.12)	5.03	2.82
Total from investment operations	0.58	4.01	0.83	(5.02)	5.03	2.81
Less distributions						
From net investment income	(0.03)	(0.03)	(0.08)	—	—	(0.03)
From net realized gain	—	—	—	(3.95)	(0.82)	—
Total distributions	(0.03)	(0.03)	(0.08)	(3.95)	(0.82)	(0.03)
Net asset value, end of period	\$13.80	\$13.25	\$9.27	\$8.52	\$17.49	\$13.28
Total return (%)⁴	4.39⁵	43.40	9.79	(35.98)	39.23	26.82
Ratios and supplemental data						
Net assets, end of period (in millions)	\$238	\$161	\$32	\$16	\$— ⁶	\$— ⁶
Ratios (as a percentage of average net assets):						
Expenses before reductions	0.84 ⁷	0.89	0.93	0.93	0.93	0.96
Expenses including reductions	0.83 ⁷	0.84	0.84	0.84	0.84	0.84
Net investment income (loss)	0.56 ⁷	0.33	0.56	1.11	— ⁸	(0.07)
Portfolio turnover (%)	88	83	85	94	133	135

¹ Six months ended 4-30-25. Unaudited.

² Based on average daily shares outstanding.

³ Less than \$0.005 per share.

⁴ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁵ Not annualized.

⁶ Less than \$500,000.

⁷ Annualized.

⁸ Less than 0.005%.

CLASS NAV SHARES Period ended	4-30-25¹	10-31-24	10-31-23	10-31-22	10-31-21	10-31-20
Per share operating performance						
Net asset value, beginning of period	\$13.26	\$9.28	\$8.53	\$17.50	\$13.28	\$10.50
Net investment income ²	0.07	0.04	0.06	0.07	— ³	— ³
Net realized and unrealized gain (loss) on investments	0.51	3.97	0.77	(5.09)	5.04	2.81
Total from investment operations	0.58	4.01	0.83	(5.02)	5.04	2.81
Less distributions						
From net investment income	(0.03)	(0.03)	(0.08)	—	—	(0.03)
From net realized gain	—	—	—	(3.95)	(0.82)	—
Total distributions	(0.03)	(0.03)	(0.08)	(3.95)	(0.82)	(0.03)
Net asset value, end of period	\$13.81	\$13.26	\$9.28	\$8.53	\$17.50	\$13.28
Total return (%)⁴	4.40⁵	43.36	9.79	(35.91)	39.13	26.92
Ratios and supplemental data						
Net assets, end of period (in millions)	\$1,130	\$359	\$341	\$237	\$288	\$232
Ratios (as a percentage of average net assets):						
Expenses before reductions	0.83 ⁶	0.89	0.92	0.92	0.92	0.95
Expenses including reductions	0.83 ⁶	0.83	0.83	0.83	0.83	0.83
Net investment income (loss)	1.05 ⁶	0.31	0.59	0.67	0.01	(0.03)
Portfolio turnover (%)	88	83	85	94	133	135

¹ Six months ended 4-30-25. Unaudited.

² Based on average daily shares outstanding.

³ Less than \$0.005 per share.

⁴ Total returns would have been lower had certain expenses not been reduced during the applicable periods.

⁵ Not annualized.

⁶ Annualized.

Notes to financial statements (unaudited)

Note 1 — Organization

John Hancock International Dynamic Growth Fund (the fund) is a series of John Hancock Investment Trust (the Trust), an open-end management investment company organized as a Massachusetts business trust and registered under the Investment Company Act of 1940, as amended (the 1940 Act). The investment objective of the fund is to seek capital appreciation.

The fund may offer multiple classes of shares. The shares currently outstanding are detailed in the Statement of assets and liabilities. Class A and Class C shares are offered to all investors. Class I shares are offered to institutions and certain investors. Class R6 shares are only available to certain retirement plans, institutions and other investors. 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. Class C shares convert to Class A shares eight years after purchase (certain exclusions may apply). 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.

Note 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 fund qualifies as an investment company 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 fund:

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, the fund's valuation designee.

In order to value the securities, the fund uses 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 by the fund in open-end mutual funds, including John Hancock Collateral Trust (JHCT), are valued at their respective NAVs each business day. 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 fund uses 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.

The following is a summary of the values by input classification of the fund's investments as of April 30, 2025, by major security category or type:

	Total value at 4-30-25	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Investments in securities:				
Assets				
Common stocks				
Argentina	\$14,646,396	\$14,646,396	—	—
Australia	38,832,590	—	\$38,832,590	—
Belgium	35,832,856	—	35,832,856	—
Canada	89,034,996	89,034,996	—	—
China	154,215,963	—	154,215,963	—
France	188,675,138	—	188,675,138	—
Germany	270,466,736	—	270,466,736	—
India	59,441,405	59,441,405	—	—
Ireland	29,924,198	—	29,924,198	—
Israel	40,809,617	40,809,617	—	—
Italy	33,721,008	—	33,721,008	—
Japan	198,749,355	—	198,749,355	—
Netherlands	43,375,411	—	43,375,411	—
Norway	39,374,641	—	39,374,641	—
Sweden	56,137,419	56,137,419	—	—
Switzerland	152,965,631	—	152,965,631	—
Taiwan	66,161,177	—	66,161,177	—
United Kingdom	206,367,973	—	206,367,973	—
United States	155,638,251	155,638,251	—	—
Uruguay	23,322,485	23,322,485	—	—

	Total value at 4-30-25	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Exchange-traded funds	\$59,426,050	\$59,426,050	—	—
Short-term investments	55,246	55,246	—	—
Total investments in securities	\$1,957,174,542	\$498,511,865	\$1,458,662,677	—

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. 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. Gains and losses on securities sold are determined on the basis of identified cost and may include proceeds from litigation.

Securities lending. The fund may lend its securities to earn additional income. The fund receives collateral from the borrower in an amount not less than the market value of the loaned securities. The fund may invest its cash collateral in JHCT, an affiliate of the fund, which has a floating NAV and is registered with the Securities and Exchange Commission (SEC) as an investment company. JHCT is a government money market fund and invests in U.S. Government securities and/or repurchase agreements. The fund will receive the benefit of any gains and bear any losses generated by JHCT with respect to the cash collateral.

The fund has 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 fund 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 fund 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 fund 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 fund receives compensation for lending its 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 fund 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 Statement of operations.

Obligations to repay collateral received by the fund are shown on the Statement of assets and liabilities as Payable upon return of securities loaned and are secured by the loaned securities. As of April 30, 2025, the fund loaned securities valued at \$54,164 and received \$55,283 of cash collateral.

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 fund 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 fund's 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 fund 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 fund 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 fund's custodian agreement, the custodian may loan money to the fund to make properly authorized payments. The fund is 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.

Line of credit. The fund 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, which is in effect through July 14, 2025 unless extended or renewed. Excluding commitments designated for certain funds and subject to the needs of all other affiliated funds, the 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 the line of credit, is charged to each participating fund based on an asset-based allocation and is reflected in Other expenses on the Statement of operations. For the six months ended April 30, 2025, the fund had no borrowings under the line of credit. Commitment fees for the six months ended April 30, 2025 were \$2,075.

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

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

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

For federal income tax purposes, as of October 31, 2024, the fund has a short-term capital loss carryforward of \$10,339,645 available to offset future net realized capital gains. This carryforward does not expire.

As of October 31, 2024, the fund had no uncertain tax positions that would require financial statement recognition, derecognition or disclosure. The fund's federal tax returns are subject to examination by the Internal Revenue Service for a period of three years.

Distribution of income and gains. Distributions to shareholders from net investment income and net realized gains, if any, are recorded on the ex-date. The fund generally declares and pays dividends annually. Capital gain distributions, if any, are typically distributed annually.

Distributions paid by the fund 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, if any, 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 fund's financial statements as a return of capital. The final determination of tax characteristics of the fund's distribution will occur at the end of the year and will subsequently be reported to shareholders.

Capital accounts within the financial statements are adjusted for permanent book-tax differences at fiscal year end. 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 wash sale loss deferrals.

Note 3 — 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 fund. Additionally, in the normal course of business, the fund enters into contracts with service providers that contain general indemnification clauses. The fund's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the fund that have not yet occurred. The risk of material loss from such claims is considered remote.

Note 4 — Fees and transactions with affiliates

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

Management fee. The fund has an investment management agreement with the Advisor under which the fund pays a daily management fee to the Advisor equivalent on an annual basis to the sum of: (a) 0.800% of the first \$500 million of the fund's average daily net assets; (b) 0.790% of the next \$500 million of the fund's average daily net assets; (c) 0.750% of the next \$1 billion of the fund's average daily net assets; (d) 0.730% of the next \$1 billion of the fund's average daily net assets; and (e) 0.710% of the fund's average daily net assets in excess of \$3 billion. When aggregate net assets exceed \$1 billion on any day, the annual rate of advisory fee is 0.750% on the first \$1 billion of net assets. The Advisor has a subadvisory agreement with Axiom Investors LLC. The fund is not responsible for payment of the subadvisory fees.

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 fund (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 each

fund. During the six months ended April 30, 2025, this waiver amounted to 0.01% of the fund's average daily net assets, on an annualized basis. This agreement expires on July 31, 2026, unless renewed by mutual agreement of the fund and the Advisor based upon a determination that this is appropriate under the circumstances at that time.

The Advisor has contractually agreed to reduce its management fee for the fund, or if necessary, make payment to the fund, in an amount equal to the amount by which the fund's expenses exceed 0.83% of average daily net assets. Expenses means all the expenses of the fund, excluding taxes, brokerage commissions, interest expense, litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the fund's business, class-specific expenses, acquired fund fees and expenses paid indirectly, borrowing costs, prime brokerage fees, and short dividend expense. This agreement expires on February 28, 2026, unless renewed by mutual agreement of the fund and Advisor based upon a determination that this is appropriate under the circumstances at that time.

For the six months ended April 30, 2025, the expense reductions described above amounted to the following:

Class	Expense reduction	Class	Expense reduction
Class A	\$1,302	Class R6	\$10,610
Class C	19	Class NAV	17,355
Class I	26,916	Total	\$56,202

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 April 30, 2025, were equivalent to a net annual effective rate of 0.75% of the fund's average daily net assets.

Accounting and legal services. Pursuant to a service agreement, the fund reimburses the Advisor for all expenses associated with providing the administrative, financial, legal, compliance, accounting and recordkeeping services to the fund, 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 April 30, 2025, amounted to an annual rate of 0.02% of the fund's average daily net assets.

Distribution and service plans. The fund has a distribution agreement with the Distributor. The fund has 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 fund. The fund 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 fund's shares:

Class	Rule 12b-1 Fee
Class A	0.25%
Class C	1.00%

Sales charges. Class A shares are assessed up-front sales charges, which resulted in payments to the Distributor amounting to \$31,416 for the six months ended April 30, 2025. Of this amount, \$5,454 was retained and used for printing prospectuses, advertising, sales literature and other purposes and \$25,962 was paid as sales commissions to broker-dealers.

Class A and Class C shares may be subject to contingent deferred sales charges (CDSCs). Certain Class A shares purchased, including those that are acquired through purchases of \$1 million or more, and redeemed within one year of purchase are subject to a 1.00% CDSC. Class C shares that are redeemed within one year of purchase are subject to a 1.00% CDSC. CDSCs are applied to the lesser of the current market value at the time of redemption or the original purchase cost of the shares being redeemed. Proceeds from CDSCs are used to compensate the

Distributor for providing distribution-related services in connection with the sale of these shares. During the six months ended April 30, 2025, CDSCs received by the Distributor amounted to \$57 for Class C shares. There were no CDSCs received by the Distributor for Class A shares.

Transfer agent fees. The John Hancock group of funds has a complex-wide transfer agent agreement with John Hancock Signature Services, Inc. (Signature Services), an affiliate of the Advisor. The transfer agent fees paid to Signature Services are determined based on the cost to Signature Services (Signature Services Cost) of providing recordkeeping services. It also includes out-of-pocket expenses, including payments made to third-parties for recordkeeping services provided to their clients who invest in one or more John Hancock funds. In addition, Signature Services Cost may be reduced by certain fees that Signature Services receives in connection with retirement and small accounts. Signature Services Cost is calculated monthly and allocated, as applicable, to three categories of share classes: Retail Share Classes of Non-Municipal Bond Funds, Retirement Share Classes and Retail Share Classes of Municipal Bond Funds. Within each of these categories, the applicable costs are allocated to the affected John Hancock affiliated funds and/or classes, based on the relative average daily net assets.

Class level expenses. Class level expenses for the six months ended April 30, 2025 were as follows:

Class	Distribution and service fees	Transfer agent fees
Class A	\$25,901	\$11,786
Class C	1,536	175
Class I	—	285,995
Class R6	—	4,632
Total	\$27,437	\$302,588

Trustee expenses. The fund compensates each Trustee who is not an employee of the Advisor or its affiliates. The costs of paying Trustee compensation and expenses are allocated to the fund based on its 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 fund, 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 fund to borrow from, or lend money to, other participating affiliated funds. At period end, no interfund loans were outstanding. The fund's activity in this program during the period for which loans were outstanding was as follows:

Borrower or Lender	Weighted Average Loan Balance	Days Outstanding	Weighted Average Interest Rate	Interest Income (Expense)
Lender	\$35,800,000	2	4.822%	\$9,590

Note 5 — Fund share transactions

Transactions in fund shares for the six months ended April 30, 2025 and for the year ended October 31, 2024 were as follows:

	Six Months Ended 4-30-25		Year Ended 10-31-24	
	Shares	Amount	Shares	Amount
Class A shares				
Sold	590,573	\$7,950,641	483,150	\$5,964,378
Repurchased	(304,991)	(4,049,129)	(386,105)	(4,669,301)
Net increase	285,582	\$3,901,512	97,045	\$1,295,077

	Six Months Ended 4-30-25		Year Ended 10-31-24	
	Shares	Amount	Shares	Amount
Class C shares				
Sold	15,213	\$196,544	10,400	\$128,612
Repurchased	(6,229)	(81,606)	(4,685)	(51,663)
Net increase	8,984	\$114,938	5,715	\$76,949
Class I shares				
Sold	18,601,811	\$252,817,083	25,818,724	\$307,683,661
Distributions reinvested	40,939	543,261	27,188	283,569
Repurchased	(3,691,820)	(49,842,700)	(6,151,591)	(73,694,062)
Net increase	14,950,930	\$203,517,644	19,694,321	\$234,273,168
Class R6 shares				
Sold	6,464,021	\$88,242,094	9,413,096	\$117,566,419
Distributions reinvested	26,132	347,297	11,613	121,352
Repurchased	(1,425,502)	(19,725,715)	(708,999)	(9,009,785)
Net increase	5,064,651	\$68,863,676	8,715,710	\$108,677,986
Class NAV shares				
Sold	55,173,372	\$770,716,465	1,168,931	\$13,957,001
Distributions reinvested	64,957	863,922	120,026	1,255,474
Repurchased	(513,248)	(7,049,991)	(10,989,821)	(133,262,917)
Net increase (decrease)	54,725,081	\$764,530,396	(9,700,864)	\$(118,050,442)
Total net increase	75,035,228	\$1,040,928,166	18,811,927	\$226,272,738

Affiliates of the fund owned 100% of shares of Class NAV on April 30, 2025. Such concentration of shareholders' capital could have a material effect on the fund if such shareholders redeem from the fund.

Note 6 — Purchase and sale of securities

Purchases and sales of securities, other than short-term investments, amounted to \$2,207,236,548 and \$1,201,761,591, respectively, for the six months ended April 30, 2025.

Note 7 — Industry or sector risk

The fund may invest a large percentage of its assets in one or more particular industries or sectors of the economy. If a large percentage of the 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. Information technology companies can be significantly affected by rapid obsolescence, short product cycles, competition from new market entrants, and heightened cybersecurity risk, among other factors.

Note 8 — Investment by affiliated funds

Certain investors in the fund are affiliated funds that are managed by the Advisor and its affiliates. The affiliated funds do not invest in the fund for the purpose of exercising management or control; however, this investment may represent a significant portion of the fund's net assets. At April 30, 2025, funds within the John Hancock group of funds complex held 56.1% of the fund's net assets. The following fund(s) had an affiliate ownership of 5% or more of the fund's net assets:

Fund	Affiliated Concentration
JHF II Multimanager Lifestyle Growth Portfolio	18.5%
JHF II Multimanager Lifestyle Balanced Portfolio	12.5%
JHF II Multimanager Lifestyle Aggressive Portfolio	9.3%

Note 9 — Investment in affiliated underlying funds

The fund may invest in affiliated underlying funds that are managed by the Advisor and its affiliates. Information regarding the fund's fiscal year to date purchases and sales of the affiliated underlying funds as well as income and capital gains earned by the fund, if any, is as follows:

Affiliate	Ending share amount	Beginning value	Cost of purchases	Proceeds from shares sold	Realized gain (loss)	Change in unrealized appreciation (depreciation)	Dividends and distributions		Ending value
							Income distributions received	Capital gain distributions received	
John Hancock Collateral Trust*	5,523	—	\$10,870,678	\$(10,815,396)	\$(41)	\$5	\$1,645	—	\$55,246

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

Note 10 — New accounting pronouncement

In this reporting period, the fund adopted Financial Accounting Standards Board Accounting Standards Update 2023-07, Segment Reporting (Topic 280) - Improvements to Reportable Segment Disclosures (ASU 2023-07). Adoption of the new standard impacted financial statement disclosures only and did not affect the fund's financial position or the results of its operations. The management committee of the Advisor acts as the fund's chief operating decision maker (the CODM), assessing performance and making decisions about resource allocation. The fund represents a single operating segment, as the CODM monitors and assesses the operating results of the fund as a whole, and the fund's long-term strategic asset allocation is managed in accordance with the terms of its prospectus, based on a defined investment strategy which is executed by the portfolio management team of the fund's subadvisor. Segment assets are reflected in the Statement of assets and liabilities as "Total assets", which consists primarily of total investments at value. The financial information, including the measurement of profit and loss and significant expenses, provided to and reviewed by the CODM is consistent with that presented within the Statement of operations, which includes "Increase (decrease) in net assets from operations", Statements of changes in net assets, which includes "Increase (decrease) in net assets from fund share transactions", and Financial highlights, which includes total return and income and expense ratios.



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