

Annual report

# John Hancock Emerging Markets Fund

International equity

August 31, 2021

# A *message* to shareholders



Dear shareholder,

The world equity markets performed well during the 12 months ended August 31, 2021, despite periodic bouts of volatility. The gradual rollout of vaccines for COVID-19 fostered expectations for strength in both economic growth and corporate earnings. The fiscal stimulus programs passed in the United States provided further fuel for investor sentiment worldwide.

Bond yields rose broadly around the globe in anticipation of higher inflation as the global economy gradually recovers. Performance in the equity markets cooled somewhat during the summer due to concerns about a more contagious COVID-19 variant, rising inflation, and slower economic data in China.

In these uncertain times, your financial professional can assist with positioning your portfolio so that it's sufficiently diversified to help meet your long-term objectives and to withstand the inevitable bouts of market volatility along the way.

On behalf of everyone at John Hancock Investment Management, I'd like to take this opportunity to welcome new shareholders and thank existing shareholders for the continued trust you've placed in us.

Sincerely,

A handwritten signature in black ink that reads "Andrew Arnott". The signature is written in a cursive, slightly stylized font.

**Andrew G. Arnott**

President and CEO,  
John Hancock Investment Management  
Head of Wealth and Asset Management,  
United States and Europe

This commentary reflects the CEO's views as of this report's period end and are subject to change at any time. Diversification does not guarantee investment returns and does not eliminate risk of loss. All investments entail risks, including the possible loss of principal. For more up-to-date information, you can visit our website at [jhinvestments.com](http://jhinvestments.com).

# John Hancock Emerging Markets Fund

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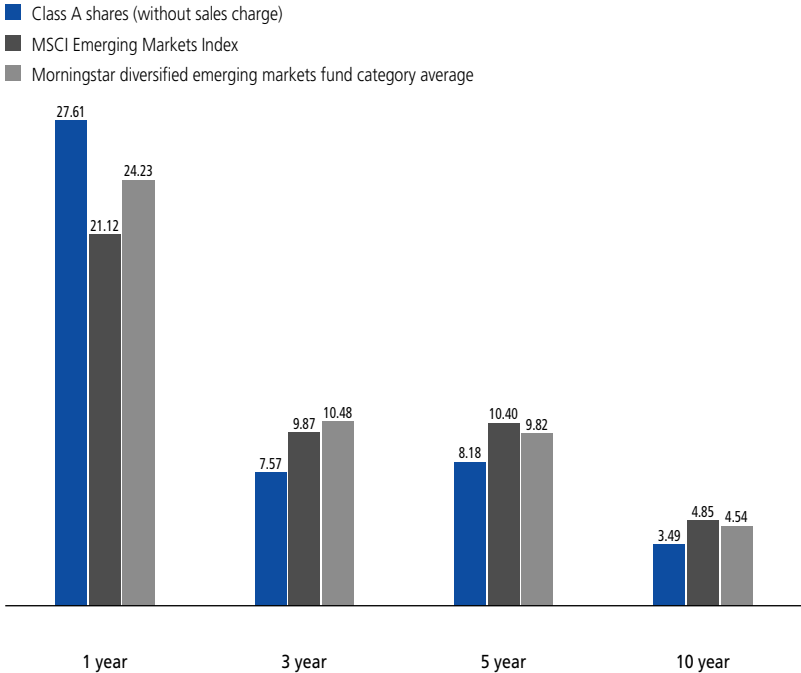
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# Your fund at a glance

## INVESTMENT OBJECTIVE

The fund seeks long-term capital appreciation.

## AVERAGE ANNUAL TOTAL RETURNS AS OF 8/31/2021 (%)



The MSCI Emerging Markets Index tracks the performance of publicly traded large- and mid-cap emerging-market stocks.

It is not possible to invest directly in an index. Index figures do not reflect expenses or sales charges, which would result in lower returns.

The fund's Morningstar category average is a group of funds with similar investment objectives and strategies and is the equal-weighted return of all funds per category. Morningstar places funds in certain categories based on their historical portfolio holdings. Figures from Morningstar, Inc. include reinvested distributions and do not take into account sales charges. Actual load-adjusted performance is lower.

**The past performance shown here reflects reinvested distributions and the beneficial effect of any expense reductions, and does not guarantee future results. Performance of the other share classes will vary based on the difference in the fees and expenses of those classes. Shares will fluctuate in value and, when redeemed, may be worth more or less than their original cost. Current month-end performance may be lower or higher than the performance cited, and can be found at [jhinvestments.com](http://jhinvestments.com) or by calling 800-225-5291. For further information on the fund's objectives, risks, and strategy, see the fund's prospectus.**

## PERFORMANCE HIGHLIGHTS OVER THE LAST TWELVE MONTHS

### Emerging-market equities had a positive return

Rising vaccination rates, higher commodity prices, and economic stimulus helped support the market's advance.

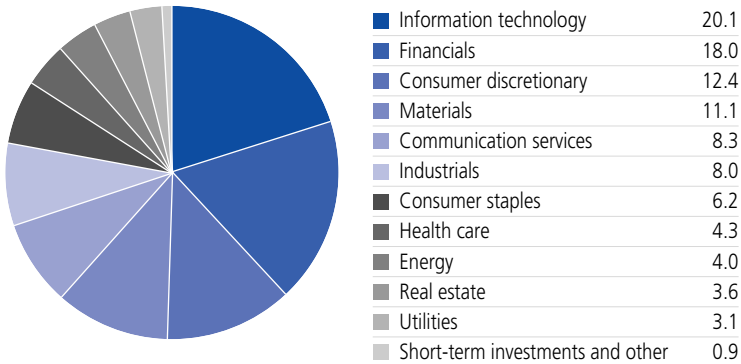
### The fund performed well and outpaced the benchmark

The fund's strong positive return outperformed its benchmark, the MSCI Emerging Markets Index, for the period.

### Value exposure lifted results

The fund's emphasis on value stocks over growth stocks contributed, given value's outperformance for the period.

## SECTOR COMPOSITION AS OF 8/31/2021 (% of net assets)



### Notes about risk

The fund is subject to various risks as described in the fund's prospectus. The novel COVID-19 disease has resulted in significant disruptions to global business activity. A widespread health crisis such as a global pandemic could cause substantial market volatility, exchange trading suspensions and closures, which may lead to less liquidity in certain instruments, industries, sectors or the markets generally, and may ultimately affect fund performance. For more information, please refer to the "Principal risks" section of the prospectus.

# Manager's discussion of fund performance

## Can you describe the market environment during the 12 months ended August 31, 2021?

Emerging-market stocks, as measured by the fund's benchmark, the MSCI Emerging Markets Index, enjoyed a favorable performance for the period. Various factors lifted emerging-market equities, including rising vaccination rates in some countries; higher commodity prices, which helped support the economies of countries that depend heavily on exports; and significant economic stimulus by policymakers around the world.

Within the index, the strongest returns came in Europe, while Asia, where the vast majority of index constituents are located, lagged due to the outsized impact of China's market, which posted a negative return for the period.

## Given this environment, how did the fund perform and what factors were behind its performance?

The fund produced a strong positive return and outperformed the benchmark. Because small-cap stocks were relative outperformers this period, the fund's emphasis on this category was the main contributor to relative performance, given that the index primarily includes large- and mid-cap stocks. A second contributor

### TOP 10 HOLDINGS AS OF 8/31/2021 (% of net assets)

Taiwan Semiconductor Manufacturing Company, Ltd.	4.7
Samsung Electronics Company, Ltd.	3.9
Tencent Holdings, Ltd.	3.5
Alibaba Group Holding, Ltd., ADR	1.5
China Construction Bank Corp., H Shares	1.1
Vale SA	1.0
Ping An Insurance Group Company of China, Ltd., H Shares	0.9
Alibaba Group Holding, Ltd.	0.8
Infosys, Ltd.	0.8
SK Hynix, Inc.	0.7
<b>TOTAL</b>	<b>18.9</b>

Cash and cash equivalents are not included.

### TOP 10 COUNTRIES AS OF 8/31/2021 (% of net assets)

China	23.9
Taiwan	15.3
South Korea	15.2
India	13.7
Brazil	4.9
South Africa	4.4
Hong Kong	4.2
Mexico	2.8
Saudi Arabia	2.5
Thailand	1.9
<b>TOTAL</b>	<b>88.8</b>

Cash and cash equivalents are not included.

was the fund's greater relative emphasis on value-oriented companies, which outpaced growth stocks for the period.

On a country basis, the fund maintained a lesser relative weight in China, which helped results because that market underperformed the index. The lesser weight in China largely reflected methodology differences between the fund and index. For example, the fund invests in stocks of all market capitalizations, whereas the index primarily includes only large-cap and mid-cap stocks. By including investment in companies across the market capitalization spectrum, the fund achieved more-diversified exposure within countries and less concentration in any single country.

The fund's holdings in the real estate sector, particularly in China, and the energy sector detracted.

### **What factors lay behind your portfolio positioning decisions?**

Theoretical and empirical research suggests that investors can systematically pursue higher expected returns by targeting the size, relative price, and profitability dimensions in equity markets. We seek to integrate these dimensions to emphasize emerging-market stocks with smaller market capitalizations, lower relative prices, and higher profitability.

Because of our diversified investment approach, the performance of the fund's portfolio of more than 2,500 equity holdings is determined principally by broad trends in emerging-market equities rather than by the behavior of a limited group of securities in a particular industry, country, or asset class.

### **MANAGED BY**

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**William B. Collins-Dean, CFA**

**Jed S. Fogdall**

**Bhanu P. Singh**

**Mary T. Phillips, CFA**



The views expressed in this report are exclusively those of the portfolio management team at Dimensional Fund Advisors LP, and are subject to change. They are not meant as investment advice. Please note that the holdings discussed in this report may not have been held by the fund for the entire period. Portfolio composition is subject to review in accordance with the fund's investment strategy and may vary in the future. Current and future portfolio holdings are subject to risk.

# A look at performance

## TOTAL RETURNS FOR THE PERIOD ENDED AUGUST 31, 2021

	Average annual total returns (%) with maximum sales charge			Cumulative total returns (%) with maximum sales charge	
	1-year	5-year	10-year	5-year	10-year
Class A	21.26	7.09	2.96	40.84	33.82
Class C <sup>1</sup>	25.65	7.42	3.12	43.02	35.97
Class I <sup>2</sup>	27.93	8.51	3.83	50.44	45.58
Class R6 <sup>2</sup>	28.20	8.62	3.92	51.18	46.88
Class NAV <sup>2</sup>	28.16	8.64	3.97	51.31	47.56
Index <sup>†</sup>	21.12	10.40	4.85	64.03	60.60

Performance figures assume all distributions are reinvested. Figures reflect maximum sales charges on Class A shares of 5% and the applicable contingent deferred sales charge (CDSC) on Class C shares. Class C shares sold within one year of purchase are subject to a 1% CDSC. Sales charges are not applicable to Class I, Class R6, and Class NAV shares.

The expense ratios of the fund, both net (including any fee waivers and/or expense limitations) and gross (excluding any fee waivers and/or expense limitations), are set forth according to the most recent publicly available prospectuses for the fund and may differ from those disclosed in the Financial highlights tables in this report. Net expenses reflect contractual fee waivers and expense limitations in effect until July 31, 2023 and are subject to change. Had the contractual fee waivers and expense limitations not been in place, gross expenses would apply. The expense ratios are as follows:

	Class A	Class C	Class I	Class R6	Class NAV
Gross (%)	1.40	2.10	1.10	0.99	0.97
Net (%)	1.39	2.09	1.09	0.98	0.96

Please refer to the most recent prospectus and annual or semiannual report for more information on expenses and any expense limitation arrangements for each class.

The returns reflect past results and should not be considered indicative of future performance. The return and principal value of an investment will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Due to market volatility and other factors, the fund's current performance may be higher or lower than the performance shown. For current to the most recent month-end performance data, please call 800-225-5291 or visit the fund's website at [jhinvestments.com](http://jhinvestments.com).

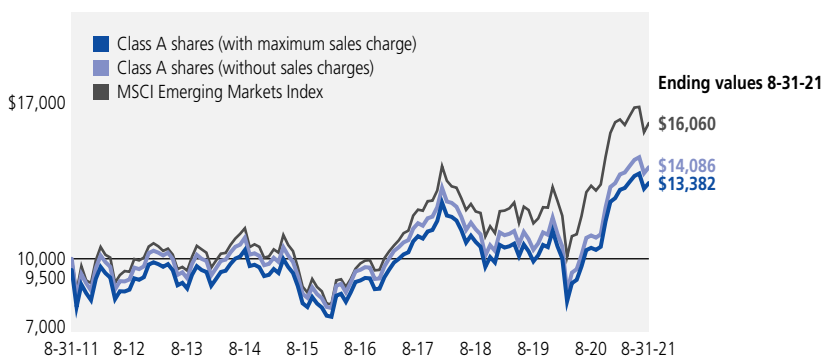
The performance table above and the chart on the next page do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of fund shares. The fund's performance results reflect any applicable fee waivers or expense reductions, without which the expenses would increase and results would have been less favorable.

<sup>†</sup> Index is the MSCI Emerging Markets Index.

See the following page for footnotes.



This chart and table show what happened to a hypothetical \$10,000 investment in John Hancock Emerging Markets Fund for the share classes and periods indicated, assuming all distributions were reinvested. For comparison, we've shown the same investment in the MSCI Emerging Markets Index.



	Start date	With maximum sales charge (\$)	Without sales charge (\$)	Index (\$)
Class C <sup>1,3</sup>	8-31-11	13,597	13,597	16,060
Class I <sup>2</sup>	8-31-11	14,558	14,558	16,060
Class R6 <sup>2</sup>	8-31-11	14,688	14,688	16,060
Class NAV <sup>2</sup>	8-31-11	14,756	14,756	16,060

The MSCI Emerging Markets Index tracks the performance of publicly traded large- and mid-cap emerging-market stocks.

It is not possible to invest directly in an index. Index figures do not reflect expenses or sales charges, which would result in lower returns.

#### Footnotes related to performance pages

<sup>1</sup> Class C shares were first offered on 6-27-14. Returns prior to this date are those of Class NAV shares that have not been adjusted for class-specific expenses; otherwise, returns would vary.

<sup>2</sup> For certain types of investors, as described in the fund's prospectuses.

<sup>3</sup> The contingent deferred sales charge is not applicable.

# Your expenses

These examples are intended to help you understand your ongoing operating expenses of investing in the fund so you can compare these costs with the ongoing costs of investing in other mutual funds.

## Understanding fund expenses

As a shareholder of the fund, you incur two types of costs:

- **Transaction costs**, which include sales charges (loads) on purchases or redemptions (varies by share class), minimum account fee charge, etc.
- **Ongoing operating expenses**, including management fees, distribution and service fees (if applicable), and other fund expenses.

We are presenting only your ongoing operating expenses here.

## Actual expenses/actual returns

The first line of each share class in the table on the following page is intended to provide information about the fund's actual ongoing operating expenses, and is based on the fund's actual return. It assumes an account value of \$1,000.00 on March 1, 2021, with the same investment held until August 31, 2021.

Together with the value of your account, you may use this information to estimate the operating expenses that you paid over the period. Simply divide your account value at August 31, 2021, by \$1,000.00, then multiply it by the "expenses paid" for your share class from the table. For example, for an account value of \$8,600.00, the operating expenses should be calculated as follows:

### Example

$$\left[ \frac{\text{My account value}}{\$8,600.00} / \$1,000.00 = 8.6 \right] \times \$ \left[ \begin{array}{c} \text{"expenses paid"} \\ \text{from table} \end{array} \right] = \text{My actual expenses}$$

## Hypothetical example for comparison purposes

The second line of each share class in the table on the following page allows you to compare the fund's ongoing operating expenses with those of any other fund. It provides an example of the fund's hypothetical account values and hypothetical expenses based on each class's actual expense ratio and an assumed 5% annualized return before expenses (which is not the class's actual return). It assumes an account value of \$1,000.00 on March 1, 2021, with the same investment held until August 31, 2021. Look in any other fund shareholder report to find its hypothetical example and you will be able to compare these expenses. 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.

Remember, these examples do not include any transaction costs, therefore, these examples will not help you to determine the relative total costs of owning different funds. If transaction costs were included, your expenses would have been higher. See the prospectuses for details regarding transaction costs.

## SHAREHOLDER EXPENSE EXAMPLE CHART

		Account value on 3-1-2021	Ending value on 8-31-2021	Expenses paid during period ended 8-31-2021 <sup>1</sup>	Annualized expense ratio
<b>Class A</b>	Actual expenses/actual returns	\$1,000.00	\$1,023.10	\$ 7.24	1.42%
	Hypothetical example	1,000.00	1,018.00	7.22	1.42%
<b>Class C</b>	Actual expenses/actual returns	1,000.00	1,019.20	10.79	2.12%
	Hypothetical example	1,000.00	1,014.50	10.76	2.12%
<b>Class I</b>	Actual expenses/actual returns	1,000.00	1,024.70	5.72	1.12%
	Hypothetical example	1,000.00	1,019.60	5.70	1.12%
<b>Class R6</b>	Actual expenses/actual returns	1,000.00	1,025.50	5.00	0.98%
	Hypothetical example	1,000.00	1,020.30	4.99	0.98%
<b>Class NAV</b>	Actual expenses/actual returns	1,000.00	1,025.50	5.16	1.01%
	Hypothetical example	1,000.00	1,020.10	5.14	1.01%

<sup>1</sup> Expenses are equal to the annualized expense ratio, multiplied by the average account value over the period, multiplied by 184/365 (to reflect the one-half year period).

# Fund's investments

## Summary of fund's investments as of 8-31-21

(showing percentage of total net assets)

This section shows the fund's 50 largest portfolio holdings in unaffiliated issuers and any holdings exceeding 1% of the fund's total net assets as of the report date. The remaining securities held by the fund are grouped as "Other Securities" in each category. You can request a complete schedule of portfolio holdings as of the report date, free of charge, by calling 1-800-225-5291. This complete schedule, filed on the fund's Form N-CSR, is also available on the SEC's website at <http://www.sec.gov>.

	Shares	Value	% of Net Assets
<b>Common stocks 97.9%</b>		<b>\$193,249,545</b>	
(Cost \$136,890,283)			
<b>Australia 0.0%</b>		<b>53,944</b>	<b>0.0%</b>
<b>Belgium 0.0%</b>		<b>24,441</b>	<b>0.0%</b>
<b>Brazil 3.9%</b>		<b>7,670,969</b>	<b>3.9%</b>
Petroleo Brasileiro SA	106,544	575,290	0.3%
Vale SA	100,670	1,921,195	1.0%
OTHER SECURITIES		5,174,484	2.6%
<b>Canada 0.0%</b>		<b>83,426</b>	<b>0.0%</b>
<b>Chile 0.6%</b>		<b>1,224,728</b>	<b>0.6%</b>
<b>China 23.9%</b>		<b>47,257,350</b>	<b>23.9%</b>
Alibaba Group Holding, Ltd. (A)	77,300	1,618,631	0.8%
Alibaba Group Holding, Ltd., ADR (A)	17,741	2,962,570	1.5%
ANTA Sports Products, Ltd.	21,000	431,358	0.2%
Aowei Holdings, Ltd. (A)(B)	9,116,006	745,468	0.4%
Baidu, Inc., ADR (A)	2,984	468,548	0.3%
Baidu, Inc., Class A (A)	2,600	51,281	0.0%
Bank of China, Ltd., H Shares	1,814,075	635,713	0.3%
BYD Company, Ltd., H Shares	14,000	470,668	0.3%
China Construction Bank Corp., H Shares	3,086,000	2,223,642	1.1%
China Merchants Bank Company, Ltd., H Shares	128,961	1,063,620	0.6%
CSPC Pharmaceutical Group, Ltd.	363,680	461,365	0.2%
Industrial & Commercial Bank of China, Ltd., H Shares	1,996,000	1,111,522	0.6%
JD.com, Inc., ADR (A)	9,000	707,040	0.4%
Li Ning Company, Ltd.	41,500	556,506	0.3%
Meituan, Class B (A)(C)	21,300	681,058	0.4%
NetEase, Inc., ADR	7,187	700,158	0.4%
Ping An Insurance Group Company of China, Ltd., H Shares	228,500	1,769,294	0.9%
Sunny Optical Technology Group Company, Ltd.	14,800	447,872	0.2%
Tencent Holdings, Ltd.	110,000	6,793,908	3.5%
Yum China Holdings, Inc.	11,554	711,264	0.4%
OTHER SECURITIES		22,645,864	11.1%

	Shares	Value	% of Net Assets
<b>Colombia 0.2%</b>		<b>\$341,279</b>	<b>0.2%</b>
<b>Cyprus 0.0%</b>		<b>32</b>	<b>0.0%</b>
<b>Czech Republic 0.1%</b>		<b>183,086</b>	<b>0.1%</b>
<b>Egypt 0.0%</b>		<b>77,682</b>	<b>0.0%</b>
<b>Greece 0.3%</b>		<b>522,416</b>	<b>0.3%</b>
<b>Hong Kong 4.2%</b>		<b>8,374,544</b>	<b>4.2%</b>
China Resources Land, Ltd.	116,444	432,510	0.2%
Geely Automobile Holdings, Ltd.	172,000	623,367	0.3%
OTHER SECURITIES		7,318,667	3.7%
<b>Hungary 0.3%</b>		<b>491,468</b>	<b>0.3%</b>
<b>India 13.7%</b>		<b>27,016,091</b>	<b>13.7%</b>
Bharti Airtel, Ltd. (A)	48,020	434,393	0.2%
HCL Technologies, Ltd.	29,237	471,484	0.3%
HDFC Bank, Ltd.	54,469	1,174,392	0.6%
Housing Development Finance Corp., Ltd.	15,093	575,709	0.3%
ICICI Bank, Ltd.	68,687	671,709	0.4%
Infosys, Ltd.	64,432	1,509,578	0.8%
Reliance Industries, Ltd.	35,449	1,093,230	0.6%
Tata Consultancy Services, Ltd.	24,351	1,264,377	0.7%
OTHER SECURITIES		19,821,219	9.8%
<b>Indonesia 1.5%</b>		<b>2,924,743</b>	<b>1.5%</b>
<b>Malaysia 1.5%</b>		<b>2,949,995</b>	<b>1.5%</b>
<b>Mexico 2.8%</b>		<b>5,581,525</b>	<b>2.8%</b>
America Movil SAB de CV, Series L	475,298	465,974	0.3%
Organizacion Soriana SAB de CV, Series B (A)	603,532	726,017	0.4%
OTHER SECURITIES		4,389,534	2.1%
<b>Netherlands 0.2%</b>		<b>388,616</b>	<b>0.2%</b>
<b>Peru 0.1%</b>		<b>174,408</b>	<b>0.1%</b>
<b>Philippines 1.3%</b>		<b>2,467,134</b>	<b>1.3%</b>
Union Bank of the Philippines	300,071	519,545	0.3%
OTHER SECURITIES		1,947,589	1.0%
<b>Poland 0.9%</b>		<b>1,677,942</b>	<b>0.9%</b>
<b>Qatar 0.7%</b>		<b>1,448,970</b>	<b>0.7%</b>
Qatar National Bank QPSC	91,578	481,989	0.3%
OTHER SECURITIES		966,981	0.4%
<b>Romania 0.0%</b>		<b>91,417</b>	<b>0.0%</b>

	Shares	Value	% of Net Assets
<b>Russia 1.0%</b>		<b>\$1,960,930</b>	<b>1.0%</b>
Sberbank of Russia PJSC, ADR	27,591	493,051	0.3%
OTHER SECURITIES		1,467,879	0.7%
<b>Saudi Arabia 2.5%</b>		<b>4,972,613</b>	<b>2.5%</b>
Al Rajhi Bank	18,938	610,863	0.3%
OTHER SECURITIES		4,361,750	2.2%
<b>Singapore 0.1%</b>		<b>122,802</b>	<b>0.1%</b>
<b>South Africa 4.4%</b>		<b>8,646,513</b>	<b>4.4%</b>
FirstRand, Ltd.	141,880	603,998	0.3%
MTN Group, Ltd. (A)	64,641	593,322	0.3%
OTHER SECURITIES		7,449,193	3.8%
<b>South Korea 15.1%</b>		<b>29,800,675</b>	<b>15.1%</b>
Celltrion, Inc. (A)	2,247	566,308	0.3%
KB Financial Group, Inc.	12,086	549,793	0.3%
Kia Corp.	6,532	477,837	0.3%
LG Chem, Ltd.	705	459,382	0.3%
LG Electronics, Inc.	4,149	506,724	0.3%
Samsung Electronics Company, Ltd.	117,259	7,741,232	3.9%
SK Hynix, Inc.	15,218	1,393,367	0.7%
OTHER SECURITIES		18,106,032	9.0%
<b>Spain 0.0%</b>		<b>20,169</b>	<b>0.0%</b>
<b>Taiwan 15.3%</b>		<b>30,216,586</b>	<b>15.3%</b>
ASE Technology Holding Company, Ltd., ADR (D)	48,264	447,407	0.2%
Hon Hai Precision Industry Company, Ltd.	161,352	644,329	0.3%
MediaTek, Inc.	16,000	518,836	0.3%
Taiwan Semiconductor Manufacturing Company, Ltd.	421,000	9,234,736	4.7%
United Microelectronics Corp.	245,468	556,214	0.3%
OTHER SECURITIES		18,815,064	9.5%
<b>Thailand 1.9%</b>		<b>3,749,302</b>	<b>1.9%</b>
<b>Turkey 0.5%</b>		<b>967,718</b>	<b>0.5%</b>
<b>Ukraine 0.0%</b>		<b>39,844</b>	<b>0.0%</b>
<b>United Arab Emirates 0.8%</b>		<b>1,506,260</b>	<b>0.8%</b>

	Shares	Value	% of Net Assets	
<b>United States 0.1%</b>		<b>\$219,927</b>	<b>0.1%</b>	
<b>Preferred securities 1.1%</b>		<b>\$2,218,605</b>		
(Cost \$1,678,079)				
<b>Brazil 1.0%</b>		<b>1,971,510</b>	<b>1.0%</b>	
Petroleo Brasileiro SA	142,938	751,621	0.4%	
OTHER SECURITIES		1,219,889	0.6%	
<b>Chile 0.1%</b>		<b>147,214</b>	<b>0.1%</b>	
<b>Colombia 0.0%</b>		<b>65,919</b>	<b>0.0%</b>	
<b>Philippines 0.0%</b>		<b>9,818</b>	<b>0.0%</b>	
<b>South Korea 0.0%</b>		<b>1,149</b>	<b>0.0%</b>	
<b>Thailand 0.0%</b>		<b>22,995</b>	<b>0.0%</b>	
<b>Investment companies 0.1%</b>		<b>\$135,276</b>		
(Cost \$65,195)				
<b>South Korea 0.1%</b>		<b>135,276</b>	<b>0.1%</b>	
<b>Rights 0.0%</b>		<b>\$6,692</b>		
(Cost \$0)				
<b>Warrants 0.0%</b>		<b>\$1,156</b>		
(Cost \$0)				
	Yield (%)	Shares	Value	% of Net Assets
<b>Short-term investments 0.9%</b>			<b>\$1,794,381</b>	
(Cost \$1,792,953)				
<b>Short-term funds 0.9%</b>			<b>1,794,381</b>	<b>0.9%</b>
John Hancock Collateral Trust (E)	0.0356(F)	179,311	1,794,381	0.9%
<b>Total investments (Cost \$140,426,510) 100.0%</b>			<b>\$197,405,655</b>	<b>100.0%</b>
<b>Other assets and liabilities, net (0.0%)</b>			<b>(772)</b>	<b>(0.0%)</b>
<b>Total net assets 100.0%</b>			<b>\$197,404,883</b>	<b>100.0%</b>

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) Non-income producing security.

(B) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.

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

(D) All or a portion of this security is on loan as of 8-31-21.

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

(F) The rate shown is the annualized seven-day yield as of 8-31-21.

**DERIVATIVES**

**FUTURES**

<b>Open contracts</b>	<b>Number of contracts</b>	<b>Position</b>	<b>Expiration date</b>	<b>Notional basis<sup>^</sup></b>	<b>Notional value<sup>^</sup></b>	<b>Unrealized appreciation (depreciation)</b>
S&P 500 E-Mini Index Futures	6	Long	Sep 2021	\$1,262,741	\$1,356,150	\$93,409
						<b>\$93,409</b>

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

At 8-31-21, the aggregate cost of investments for federal income tax purposes was \$142,443,858. Net unrealized appreciation aggregated to \$55,055,206, of which \$91,308,884 related to gross unrealized appreciation and \$36,253,678 related to gross unrealized depreciation.

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



# Financial statements

## STATEMENT OF ASSETS AND LIABILITIES 8-31-21

<b>Assets</b>	
Unaffiliated investments, at value (Cost \$138,633,557) including \$3,084,145 of securities loaned	\$195,611,274
Affiliated investments, at value (Cost \$1,792,953)	1,794,381
<b>Total investments, at value (Cost \$140,426,510)</b>	<b>197,405,655</b>
Cash	1,251,220
Foreign currency, at value (Cost \$1,348,017)	1,355,468
Collateral held at broker for futures contracts	69,000
Dividends and interest receivable	310,926
Receivable for fund shares sold	159,166
Receivable for investments sold	401,355
Receivable for securities lending income	10,312
Receivable from affiliates	318
Other assets	52,033
<b>Total assets</b>	<b>201,015,453</b>
<b>Liabilities</b>	
Payable for futures variation margin	2,820
Foreign capital gains tax payable	758,592
Payable for investments purchased	702,458
Payable for fund shares repurchased	158,295
Payable upon return of securities loaned	1,812,044
Payable to affiliates	
Accounting and legal services fees	7,742
Transfer agent fees	9,836
Trustees' fees	52
Other liabilities and accrued expenses	158,731
<b>Total liabilities</b>	<b>3,610,570</b>
<b>Net assets</b>	<b>\$197,404,883</b>
<b>Net assets consist of</b>	
Paid-in capital	\$150,923,102
Total distributable earnings (loss)	46,481,781
<b>Net assets</b>	<b>\$197,404,883</b>

## STATEMENT OF ASSETS AND LIABILITIES 8-31-21 (continued)

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### 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 (\$56,920,564 ÷ 4,288,857 shares) <sup>1</sup>	\$13.27
Class C (\$2,142,292 ÷ 161,516 shares) <sup>1</sup>	\$13.26
Class I (\$45,843,226 ÷ 3,453,822 shares)	\$13.27
Class R6 (\$1,237,778 ÷ 93,357 shares)	\$13.26
Class NAV (\$91,261,023 ÷ 6,873,785 shares)	\$13.28

### Maximum offering price per share

Class A (net asset value per share ÷ 95%) <sup>2</sup>	\$13.97
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<sup>1</sup> Redemption price per share is equal to net asset value less any applicable contingent deferred sales charge.

<sup>2</sup> 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 year ended 8-31-21

<b>Investment income</b>	
Dividends	\$5,842,562
Securities lending	103,852
Interest	4,273
Less foreign taxes withheld	(706,240)
<b>Total investment income</b>	<b>5,244,447</b>
<b>Expenses</b>	
Investment management fees	1,992,224
Distribution and service fees	189,320
Accounting and legal services fees	33,778
Transfer agent fees	119,994
Trustees' fees	3,987
Custodian fees	345,289
State registration fees	79,444
Printing and postage	58,590
Professional fees	87,733
Other	31,856
<b>Total expenses</b>	<b>2,942,215</b>
Less expense reductions	(71,755)
<b>Net expenses</b>	<b>2,870,460</b>
<b>Net investment income</b>	<b>2,373,987</b>
<b>Realized and unrealized gain (loss)</b>	
<b>Net realized gain (loss) on</b>	
Unaffiliated investments and foreign currency transactions	32,202,719
Affiliated investments	850
Futures contracts	(33,301)
	<b>32,170,268</b>
<b>Change in net unrealized appreciation (depreciation) of</b>	
Unaffiliated investments and translation of assets and liabilities in foreign currencies	26,420,109 <sup>1</sup>
Affiliated investments	(2,580)
Futures contracts	93,409
	<b>26,510,938</b>
<b>Net realized and unrealized gain</b>	<b>58,681,206</b>
<b>Increase in net assets from operations</b>	<b>\$61,055,193</b>

<sup>1</sup> Net of \$707,625 increase in deferred India withholding taxes.

## STATEMENTS OF CHANGES IN NET ASSETS

	Year ended 8-31-21	Year ended 8-31-20
<b>Increase (decrease) in net assets</b>		
<b>From operations</b>		
Net investment income	\$2,373,987	\$3,813,420
Net realized gain	32,170,268	9,108,906
Change in net unrealized appreciation (depreciation)	26,510,938	3,277,852
<b>Increase in net assets resulting from operations</b>	<b>61,055,193</b>	<b>16,200,178</b>
<b>Distributions to shareholders</b>		
From earnings		
Class A	(576,484)	(1,111,757)
Class C	(11,190)	(35,459)
Class I	(511,213)	(1,705,378)
Class R6	(1,043,870)	(1,624,479)
Class NAV	(1,218,830)	(1,821,714)
<b>Total distributions</b>	<b>(3,361,587)</b>	<b>(6,298,787)</b>
<b>From fund share transactions</b>	<b>(89,484,095)</b>	<b>(32,066,509)</b>
<b>Total decrease</b>	<b>(31,790,489)</b>	<b>(22,165,118)</b>
<b>Net assets</b>		
Beginning of year	229,195,372	251,360,490
<b>End of year</b>	<b>\$197,404,883</b>	<b>\$229,195,372</b>

# Financial highlights

CLASS A SHARES Period ended	8-31-21	8-31-20	8-31-19	8-31-18	8-31-17
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.51</b>	<b>\$10.10</b>	<b>\$11.13</b>	<b>\$11.51</b>	<b>\$9.59</b>
Net investment income <sup>1</sup>	0.11	0.13	0.14	0.13	0.03
Net realized and unrealized gain (loss) on investments	2.78	0.50	(1.04)	(0.39)	2.03
<b>Total from investment operations</b>	<b>2.89</b>	<b>0.63</b>	<b>(0.90)</b>	<b>(0.26)</b>	<b>2.06</b>
<b>Less distributions</b>					
From net investment income	(0.13)	(0.22)	(0.13)	(0.12)	(0.14)
<b>Net asset value, end of period</b>	<b>\$13.27</b>	<b>\$10.51</b>	<b>\$10.10</b>	<b>\$11.13</b>	<b>\$11.51</b>
<b>Total return (%)<sup>2,3</sup></b>	<b>27.61</b>	<b>6.11</b>	<b>(8.06)</b>	<b>(2.34)</b>	<b>21.89</b>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$57	\$49	\$52	\$55	\$51
Ratios (as a percentage of average net assets):					
Expenses before reductions	1.54	1.57	1.51	1.45	1.50
Expenses including reductions	1.51	1.56	1.50	1.44	1.49
Net investment income	0.87	1.30	1.38	1.09	0.29
Portfolio turnover (%)	10	14	13	11	14

<sup>1</sup> Based on average daily shares outstanding.

<sup>2</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>3</sup> Does not reflect the effect of sales charges, if any.

CLASS C SHARES Period ended	8-31-21	8-31-20	8-31-19	8-31-18	8-31-17
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.52</b>	<b>\$10.11</b>	<b>\$11.13</b>	<b>\$11.52</b>	<b>\$9.60</b>
Net investment income <sup>1</sup>	0.02	0.06	0.06	0.04	0.04
Net realized and unrealized gain (loss) on investments	2.78	0.50	(1.03)	(0.39)	1.96
<b>Total from investment operations</b>	<b>2.80</b>	<b>0.56</b>	<b>(0.97)</b>	<b>(0.35)</b>	<b>2.00</b>
<b>Less distributions</b>					
From net investment income	(0.06)	(0.15)	(0.05)	(0.04)	(0.08)
<b>Net asset value, end of period</b>	<b>\$13.26</b>	<b>\$10.52</b>	<b>\$10.11</b>	<b>\$11.13</b>	<b>\$11.52</b>
<b>Total return (%)<sup>2,3</sup></b>	<b>26.65</b>	<b>5.40</b>	<b>(8.71)</b>	<b>(3.04)</b>	<b>21.03</b>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$2	\$2	\$3	\$3	\$3
Ratios (as a percentage of average net assets):					
Expenses before reductions	2.24	2.27	2.21	2.15	2.22
Expenses including reductions	2.21	2.26	2.20	2.14	2.21
Net investment income	0.12	0.59	0.65	0.36	0.37
Portfolio turnover (%)	10	14	13	11	14

<sup>1</sup> Based on average daily shares outstanding.

<sup>2</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<sup>3</sup> Does not reflect the effect of sales charges, if any.

<b>CLASS I SHARES Period ended</b>	<b>8-31-21</b>	<b>8-31-20</b>	<b>8-31-19</b>	<b>8-31-18</b>	<b>8-31-17</b>
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.51</b>	<b>\$10.10</b>	<b>\$11.12</b>	<b>\$11.50</b>	<b>\$9.58</b>
Net investment income <sup>1</sup>	0.15	0.15	0.17	0.15	0.18
Net realized and unrealized gain (loss) on investments	2.77	0.51	(1.03)	(0.38)	1.91
<b>Total from investment operations</b>	<b>2.92</b>	<b>0.66</b>	<b>(0.86)</b>	<b>(0.23)</b>	<b>2.09</b>
<b>Less distributions</b>					
From net investment income	(0.16)	(0.25)	(0.16)	(0.15)	(0.17)
<b>Net asset value, end of period</b>	<b>\$13.27</b>	<b>\$10.51</b>	<b>\$10.10</b>	<b>\$11.12</b>	<b>\$11.50</b>
<b>Total return (%)<sup>2</sup></b>	<b>27.93</b>	<b>6.41</b>	<b>(7.72)</b>	<b>(2.07)</b>	<b>22.29</b>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$46	\$37	\$68	\$64	\$92
Ratios (as a percentage of average net assets):					
Expenses before reductions	1.24	1.27	1.22	1.15	1.21
Expenses including reductions	1.21	1.26	1.21	1.14	1.20
Net investment income	1.21	1.43	1.69	1.29	1.73
Portfolio turnover (%)	10	14	13	11	14

<sup>1</sup> Based on average daily shares outstanding.

<sup>2</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

<b>CLASS R6 SHARES</b> Period ended	<b>8-31-21</b>	<b>8-31-20</b>	<b>8-31-19</b>	<b>8-31-18</b>	<b>8-31-17</b>
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.49</b>	<b>\$10.09</b>	<b>\$11.11</b>	<b>\$11.49</b>	<b>\$9.58</b>
Net investment income <sup>1</sup>	0.06	0.18	0.17	0.20	0.39
Net realized and unrealized gain (loss) on investments	2.88	0.48	(1.01)	(0.42)	1.70
<b>Total from investment operations</b>	<b>2.94</b>	<b>0.66</b>	<b>(0.84)</b>	<b>(0.22)</b>	<b>2.09</b>
<b>Less distributions</b>					
From net investment income	(0.17)	(0.26)	(0.18)	(0.16)	(0.18)
<b>Net asset value, end of period</b>	<b>\$13.26</b>	<b>\$10.49</b>	<b>\$10.09</b>	<b>\$11.11</b>	<b>\$11.49</b>
<b>Total return (%)<sup>2</sup></b>	<b>28.20</b>	<b>6.42</b>	<b>(7.56)</b>	<b>(1.99)</b>	<b>22.31</b>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$1	\$67	\$60	\$72	\$11
Ratios (as a percentage of average net assets):					
Expenses before reductions	1.13	1.16	1.11	1.05	1.11
Expenses including reductions	1.10	1.15	1.10	1.04	1.11
Net investment income	0.53	1.75	1.71	1.67	3.53
Portfolio turnover (%)	10	14	13	11	14

<sup>1</sup> Based on average daily shares outstanding.

<sup>2</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.



CLASS NAV SHARES Period ended	8-31-21	8-31-20	8-31-19	8-31-18	8-31-17
<b>Per share operating performance</b>					
<b>Net asset value, beginning of period</b>	<b>\$10.51</b>	<b>\$10.10</b>	<b>\$11.13</b>	<b>\$11.51</b>	<b>\$9.59</b>
Net investment income <sup>1</sup>	0.16	0.18	0.10	0.17	0.15
Net realized and unrealized gain (loss) on investments	2.78	0.49	(0.95)	(0.39)	1.95
<b>Total from investment operations</b>	<b>2.94</b>	<b>0.67</b>	<b>(0.85)</b>	<b>(0.22)</b>	<b>2.10</b>
<b>Less distributions</b>					
From net investment income	(0.17)	(0.26)	(0.18)	(0.16)	(0.18)
<b>Net asset value, end of period</b>	<b>\$13.28</b>	<b>\$10.51</b>	<b>\$10.10</b>	<b>\$11.13</b>	<b>\$11.51</b>
<b>Total return (%)<sup>2</sup></b>	<b>28.16</b>	<b>6.53</b>	<b>(7.63)</b>	<b>(1.97)</b>	<b>22.40</b>
<b>Ratios and supplemental data</b>					
Net assets, end of period (in millions)	\$91	\$75	\$68	\$962	\$979
Ratios (as a percentage of average net assets):					
Expenses before reductions	1.12	1.14	1.10	1.04	1.10
Expenses including reductions	1.09	1.14	1.09	1.03	1.09
Net investment income	1.30	1.77	0.93	1.46	1.45
Portfolio turnover (%)	10	14	13	11	14

<sup>1</sup> Based on average daily shares outstanding.

<sup>2</sup> Total returns would have been lower had certain expenses not been reduced during the applicable periods.

# Notes to financial statements

## Note 1 — Organization

John Hancock Emerging Markets Fund (the fund) is a series of John Hancock Funds II (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 long-term 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 fund's Valuation Policies and Procedures.

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. 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 securities and currencies are valued in U.S. dollars based on foreign currency exchange rates supplied by an independent pricing vendor.

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

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the fund's Pricing Committee following procedures established by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed. Trading in foreign securities may be completed before the scheduled daily close of trading on the NYSE. Significant events at the issuer or market level may affect the values of securities between the time when

the valuation of the securities is generally determined and the close of the NYSE. If a significant event occurs, these securities may be fair valued, as determined in good faith by the fund's Pricing Committee, following procedures established by the Board of Trustees. The fund 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 fund's own assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the fund's investments as of August 31, 2021, by major security category or type:

	Total value at 8-31-21	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
<b>Investments in securities:</b>				
<b>Assets</b>				
<b>Common stocks</b>				
Australia	53,944	—	53,944	—
Belgium	24,441	—	24,441	—
Brazil	7,670,969	\$7,670,969	—	—
Canada	83,426	83,426	—	—
Chile	1,224,728	1,224,728	—	—
China	47,257,350	7,901,410	38,507,207	\$848,733
Colombia	341,279	341,279	—	—
Cyprus	32	—	32	—
Czech Republic	183,086	—	183,086	—
Egypt	77,682	—	77,682	—
Greece	522,416	—	510,626	11,790
Hong Kong	8,374,544	50,546	8,165,093	158,905
Hungary	491,468	—	491,468	—
India	27,016,091	—	27,007,729	8,362
Indonesia	2,924,743	—	2,818,455	106,288
Malaysia	2,949,995	—	2,949,995	—
Mexico	5,581,525	5,581,525	—	—
Netherlands	388,616	53,859	334,757	—
Peru	174,408	174,408	—	—
Philippines	2,467,134	—	2,466,002	1,132

	Total value at 8-31-21	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Poland	\$1,677,942	—	\$1,677,942	—
Qatar	1,448,970	—	1,448,970	—
Romania	91,417	—	91,417	—
Russia	1,960,930	\$667,063	1,293,867	—
Saudi Arabia	4,972,613	—	4,972,613	—
Singapore	122,802	122,802	—	—
South Africa	8,646,513	891,653	7,754,860	—
South Korea	29,800,675	194,719	29,588,557	\$17,399
Spain	20,169	—	20,169	—
Taiwan	30,216,586	447,407	29,766,654	2,525
Thailand	3,749,302	—	3,748,213	1,089
Turkey	967,718	—	967,095	623
Ukraine	39,844	—	39,844	—
United Arab Emirates	1,506,260	—	1,506,260	—
United States	219,927	—	219,927	—
<b>Preferred securities</b>				
Brazil	1,971,510	1,971,510	—	—
Chile	147,214	147,214	—	—
Colombia	65,919	65,919	—	—
Philippines	9,818	—	9,818	—
South Korea	1,149	—	1,149	—
Thailand	22,995	—	22,995	—
<b>Investment companies</b>	135,276	—	135,276	—
<b>Rights</b>	6,692	174	6,518	—
<b>Warrants</b>	1,156	—	1,156	—
<b>Short-term investments</b>	1,794,381	1,794,381	—	—
<b>Total investments in securities</b>	<b>\$197,405,655</b>	<b>\$29,384,992</b>	<b>\$166,863,817</b>	<b>\$1,156,846</b>
<b>Derivatives:</b>				
<b>Assets</b>				
Futures	\$93,409	\$93,409	—	—

Level 3 includes securities valued at \$0. Refer to Fund's investments.

**Real estate investment trusts.** The fund 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 fund will estimate the components of distributions from these securities. Such estimates are revised when the actual components of the distributions are known.

**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 liquidation.

**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 will 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 invests in short-term money market investments. 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. 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 August 31, 2021, the fund loaned securities valued at \$3,084,145 and received \$1,812,044 of cash collateral.

In addition, non-cash collateral of approximately \$2,130,610 in the form of U.S. Treasuries was pledged to the fund. This non-cash collateral is not reflected in the fund's net assets, however could be sold by the securities lending agent in the event of default by the borrower.

**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 in companies located in certain foreign countries, such as China. For example, on November 12, 2020, the President of the United States signed an Executive Order prohibiting U.S. persons from purchasing or investing in publicly-traded securities of companies identified by the U.S. government as "Communist Chinese military companies." 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. Excluding commitments designated for a certain fund 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. Prior to June 24, 2021, the fund could borrow up to an aggregate commitment amount of \$850 million. 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 a combination of fixed and asset-based allocations and is reflected in Other expenses on the Statement of operations. Commitment fees for the year ended August 31, 2021 were \$6,674.

**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 August 31, 2021, the fund has a short-term capital loss carryforward of \$11,227,375 available to offset future net realized capital gains. These carryforwards do not expire.

Due to certain Internal Revenue Code rules, utilization of the capital loss carryforwards may be limited in future years.

As of August 31, 2021, 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.

The tax character of distributions for the years ended August 31, 2021 and 2020 was as follows:

	August 31, 2021	August 31, 2020
Ordinary income	\$3,361,587	\$6,298,787

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. As of August 31, 2021, the components of distributable earnings on a tax basis consisted of \$3,402,458 of undistributed ordinary income.

Such distributions and distributable earnings, 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 fund's financial statements as a return of capital.

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 foreign currency transactions, passive foreign investment companies and wash sale loss deferrals.

### Note 3 — Derivative instruments

The fund may invest in derivatives in order to meet its 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 fund is 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.

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 fund 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.

**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 Statement of assets and liabilities. Use of long futures contracts subjects the fund to the risk of loss up to the notional value of the futures contracts. Use of short futures contracts subjects the fund 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 the fund, if any, is detailed in the Statement of assets and liabilities as Collateral held at broker for futures contracts. Securities pledged by the fund, if any, are identified in the Fund's investments. Subsequent payments, referred to as variation margin, are made or received by the 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. Payable for futures variation margin is included on the Statement of assets and liabilities. When the contract is closed, the 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.

During the year ended August 31, 2021, the fund used futures contracts to equitize cash balances. The fund held futures contracts with USD notional values ranging up to \$1.4 million, as measured at each quarter end.

### Fair value of derivative instruments by risk category

The table below summarizes the fair value of derivatives held by the fund at August 31, 2021 by risk category:

Risk	Statement of assets and liabilities location	Financial instruments location	Assets derivatives fair value	Liabilities derivatives fair value
Equity	Receivable/payable for futures variation margin <sup>1</sup>	Futures	\$93,409	—

<sup>1</sup> Reflects cumulative appreciation/depreciation on open futures as disclosed in the Derivatives section of Fund's investments. Only the year end variation margin receivable/payable is separately reported on the Statement of assets and liabilities.

### Effect of derivative instruments on the Statement 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 year ended August 31, 2021:

Risk	Statement of operations location - Net realized gain (loss) on:	
		Futures contracts
Equity		\$(33,301)

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 year ended August 31, 2021:

Risk	Statement of operations location - Change in net unrealized appreciation (depreciation) of:	
		Futures contracts
Equity		\$93,409

### Note 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 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 5 — 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 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 \$100 million of the fund's aggregate net assets and (b) 0.750% of the fund's aggregate net assets in excess of \$100 million. Aggregate net assets include the net assets of the fund and Emerging Markets Value Trust, a series of John Hancock Variable Insurance Trust. The Advisor has a subadvisory agreement with Dimensional Fund Advisors LP. Prior to March 1, 2021, the fund paid a daily management fee to the Advisor equivalent on an annual basis to the sum of: (a) 0.970% of the first \$100 million of the fund's aggregate net assets and (b) 0.920% of the fund's aggregate net assets in excess of \$100 million. 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 year ended August 31, 2021, this waiver amounted to 0.01% of the fund's average daily net assets. This arrangement expires on July 31, 2023, 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 voluntarily agrees 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 expenses of the fund exceed 0.25% of the average daily net assets of the fund. For purposes of this agreement, "expenses of the fund" means all the expenses of the fund, excluding (a) taxes, (b) brokerage commissions, (c) interest expense, (d) litigation and indemnification expenses and other extraordinary expenses not incurred in the ordinary course of the fund's business, (e) advisory fees, (f) class-specific expenses, (g) underlying fund expenses (acquired fund fees), and (h) short dividend expense. The Advisor may terminate this voluntary waiver at any time upon notice to the fund.

For the year ended August 31, 2021, the expense reductions described above amounted to the following:

Class	Expense reduction	Class	Expense reduction
Class A	\$19,374	Class R6	\$5,954
Class C	758	Class NAV	30,538
Class I	15,131	<b>Total</b>	<b>\$71,755</b>

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 year ended August 31, 2021, were equivalent to a net annual effective rate of 0.82% 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 year ended August 31, 2021, amounted to an annual rate of 0.01% 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	0.30%
Class C	1.00%

**Sales charges.** Class A shares are assessed up-front sales charges, which resulted in payments to the Distributor amounting to \$34,047 for the year ended August 31, 2021. Of this amount, \$5,826 was retained and used for printing prospectuses, advertising, sales literature and other purposes and \$28,221 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% sales charge. 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 year ended August 31, 2021, CDSCs received by the Distributor amounted to \$213 and \$87 for Class A and Class C shares, respectively.

**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 five categories of share classes: Retail Share and Institutional Share Classes of Non-Municipal Bond Funds, Class R6 Shares, Retirement Share Classes and Municipal Bond Share Classes. 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 year ended August 31, 2021 were as follows:

Class	Distribution and service fees	Transfer agent fees
Class A	\$166,561	\$63,916
Class C	22,759	2,620
Class I	—	48,507
Class R6	—	4,951
<b>Total</b>	<b>\$189,320</b>	<b>\$119,994</b>

**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. Interest expense is included in Other expenses on the Statement of operations. 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)
Borrower	\$3,483,417	37	0.659%	\$(2,360)

#### Note 6 — Fund share transactions

Transactions in fund shares for the years ended August 31, 2021 and 2020 were as follows:

	Year Ended 8-31-21		Year Ended 8-31-20	
	Shares	Amount	Shares	Amount
<b>Class A shares</b>				
Sold	447,599	\$5,677,563	819,875	\$8,289,134
Distributions reinvested	46,673	570,348	98,738	1,102,896
Repurchased	(852,449)	(10,527,939)	(1,407,657)	(13,935,083)
<b>Net decrease</b>	<b>(358,177)</b>	<b>\$(4,280,028)</b>	<b>(489,044)</b>	<b>\$(4,543,053)</b>
<b>Class C shares</b>				
Sold	10,313	\$131,946	18,087	\$186,045
Distributions reinvested	912	11,190	3,145	35,354
Repurchased	(53,918)	(679,522)	(75,649)	(749,292)
<b>Net decrease</b>	<b>(42,693)</b>	<b>\$(536,386)</b>	<b>(54,417)</b>	<b>\$(527,893)</b>
<b>Class I shares</b>				
Sold	1,575,874	\$20,341,673	1,436,163	\$14,840,915
Distributions reinvested	41,934	511,171	152,929	1,705,160
Repurchased	(1,653,793)	(20,607,043)	(4,866,616)	(50,983,555)
<b>Net increase (decrease)</b>	<b>(35,985)</b>	<b>\$245,801</b>	<b>(3,277,524)</b>	<b>\$(34,437,480)</b>
<b>Class R6 shares</b>				
Sold	428,433	\$5,195,056	2,024,545	\$20,157,760
Distributions reinvested	85,765	1,043,757	145,955	1,624,479
Repurchased	(6,774,703)	(88,195,407)	(1,810,363)	(17,867,252)
<b>Net increase (decrease)</b>	<b>(6,260,505)</b>	<b>\$(81,956,594)</b>	<b>360,137</b>	<b>\$3,914,987</b>
<b>Class NAV shares</b>				
Sold	1,005,294	\$12,785,426	1,334,893	\$13,170,840
Distributions reinvested	99,986	1,218,830	163,529	1,821,714
Repurchased	(1,355,376)	(16,961,144)	(1,115,672)	(11,465,624)
<b>Net increase (decrease)</b>	<b>(250,096)</b>	<b>\$(2,956,888)</b>	<b>382,750</b>	<b>\$3,526,930</b>
<b>Total net decrease</b>	<b>(6,947,456)</b>	<b>\$(89,484,095)</b>	<b>(3,078,098)</b>	<b>\$(32,066,509)</b>

Affiliates of the fund owned 24% of shares of Class NAV on August 31, 2021. Such concentration of shareholders' capital could have a material effect on the fund if such shareholders redeem from the fund.

### Note 7 — Purchase and sale of securities

Purchases and sales of securities, other than short-term investments, amounted to \$23,340,968 and \$115,471,431, respectively, for the year ended August 31, 2021.

### Note 8 — Emerging-market risk

Foreign investing especially in emerging markets, has additional risks, such as currency and market volatility and political and social instability. Funds that invest a significant portion of assets in the securities of issuers based in countries with emerging market economies are subject to greater levels of foreign investment risk than funds investing primarily in more-developed foreign markets, since emerging-market securities may present other risks greater than, or in addition to, the risks of investing in developed foreign countries.

### 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*	179,311	\$4,156,124	\$13,649,338	\$(16,009,351)	\$850	\$(2,580)	\$103,852	—	\$1,794,381

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

### Note 10 — Coronavirus (COVID-19) pandemic

The novel COVID-19 disease has resulted in significant disruptions to global business activity. A widespread health crisis such as a global pandemic could cause substantial market volatility, exchange trading suspensions and closures, which may lead to less liquidity in certain instruments, industries, sectors or the markets generally, and may ultimately affect fund performance.

## Report of Independent Registered Public Accounting Firm

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### To the Board of Trustees of John Hancock Funds II and Shareholders of John Hancock Emerging Markets Fund

#### ***Opinion on the Financial Statements***

We have audited the accompanying statement of assets and liabilities, including the fund's investments (summary of fund's investments), of John Hancock Emerging Markets Fund (one of the funds constituting John Hancock Funds II, referred to hereafter as the "Fund") as of August 31, 2021, the related statement of operations for the year ended August 31, 2021, the statements of changes in net assets for each of the two years in the period ended August 31, 2021, including the related notes, and the financial highlights for each of the five years in the period ended August 31, 2021 (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Fund as of August 31, 2021, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period ended August 31, 2021 and the financial highlights for each of the five years in the period ended August 31, 2021 in conformity with accounting principles generally accepted in the United States of America.

#### ***Basis for Opinion***

These financial statements are the responsibility of the Fund's management. Our responsibility is to express an opinion on the Fund's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Fund in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits of these financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. Our procedures included confirmation of securities owned as of August 31, 2021 by correspondence with the custodian, transfer agent and brokers; when replies were not received from brokers, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinion.

/s/ PricewaterhouseCoopers LLP

Boston, Massachusetts

October 12, 2021

We have served as the auditor of one or more investment companies in the John Hancock group of funds since 1988.

# Tax information

(Unaudited)

For federal income tax purposes, the following information is furnished with respect to the distributions of the fund, if any, paid during its taxable year ended August 31, 2021.

The fund reports the maximum amount allowable of its net taxable income as eligible for the corporate dividends-received deduction.

The fund reports the maximum amount allowable of its net taxable income as qualified dividend income as provided in the Jobs and Growth Tax Relief Reconciliation Act of 2003.

The fund reports the maximum amount allowable as Section 163(j) Interest Dividends.

Income derived from foreign sources was \$5,854,656. The fund intends to pass through foreign tax credits of \$688,244.

The fund reports the maximum amount allowable of its Section 199A dividends as defined in Proposed Treasury Regulation §1.199A-3(d).

Eligible shareholders will be mailed a 2021 Form 1099-DIV in early 2022. This will reflect the tax character of all distributions paid in calendar year 2021.

**Please consult a tax advisor regarding the tax consequences of your investment in the fund.**

## EVALUATION OF ADVISORY AND SUBADVISORY AGREEMENTS BY THE BOARD OF TRUSTEES

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This section describes the evaluation by the Board of Trustees (the Board) of John Hancock Funds II (the Trust) of the Advisory Agreement (the Advisory Agreement) with John Hancock Investment Management LLC (the Advisor) and the Subadvisory Agreement (the Subadvisory Agreement) with Dimensional Fund Advisers LP (the Subadvisor) for John Hancock Emerging Markets Fund (the fund). The Advisory Agreement and Subadvisory Agreement are collectively referred to as the Agreements. Prior to the June 22-24, 2021 telephonic<sup>1</sup> meeting at which the Agreements were approved, the Board also discussed and considered information regarding the proposed continuation of the Agreements at the telephonic meeting held on May 25-26, 2021. The Trustees who are not “interested persons” of the Trust as defined by the Investment Company Act of 1940, as amended (the “1940 Act”) (the “Independent Trustees”) also met separately to evaluate and discuss the information presented, including with counsel to the Independent Trustees and a third-party consulting firm.

### Approval of Advisory and Subadvisory Agreements

At telephonic meetings held on June 22-24, 2021, the Board, including the Trustees who are not parties to any Agreement or considered to be interested persons of the Trust under the 1940 Act, reapproved for an annual period the continuation of the Advisory Agreement between the Trust and the Advisor and the Subadvisory Agreement between the Advisor and the Subadvisor with respect to the fund.

In considering the Advisory Agreement and the Subadvisory Agreement, the Board received in advance of the meetings a variety of materials relating to the fund, the Advisor and the Subadvisor, including comparative performance, fee and expense information for a peer group of similar funds prepared by an independent third-party provider of fund data, performance information for an applicable benchmark index; and, with respect to the Subadvisor, comparative performance information for comparably managed accounts, as applicable, and other information provided by the Advisor and the Subadvisor regarding the nature, extent and quality of services provided by the Advisor and the Subadvisor under their respective Agreements, as well as information regarding the Advisor’s revenues and costs of providing services to the fund and any compensation paid to affiliates of the Advisor. At the meetings at which the renewal of the Advisory Agreement and Subadvisory Agreement are considered, particular focus is given to information concerning fund performance, comparability of fees and total expenses, and profitability. However, the Board notes that the evaluation process with respect to the Advisor and the Subadvisor is an ongoing one. In this regard, the Board also took into account discussions with management and information provided to the Board (including its various committees) at prior meetings with respect to the services provided by the Advisor and the Subadvisor to the fund, including quarterly performance reports prepared by management containing reviews of investment results and prior presentations from the Subadvisor with respect to the fund. The information received and considered by the Board in connection with the May and June meetings and throughout the year was both written and oral. The Board also considered the nature, quality, and extent of non-advisory services, if any, to be provided to the fund by the Advisor’s affiliates, including distribution services. The Board considered the Advisory Agreement and the Subadvisory Agreement separately in the course of its review. In doing so, the Board noted the respective roles of the Advisor and Subadvisor in providing services to the fund.

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<sup>1</sup> On June 19, 2020, as a result of health and safety measures put in place to combat the global COVID-19 pandemic, the Securities and Exchange Commission (the “SEC”) issued an exemptive order (the “Order”) pursuant to Sections 6(c) and 38(a) of the Investment Company Act of 1940, as amended (the “1940 Act”), that temporarily exempts registered investment management companies from the in-person voting requirements under the 1940 Act, subject to certain requirements, including that votes taken pursuant to the Order are ratified at the next in-person meeting. The Board determined that reliance on the Order was necessary or appropriate due to the circumstances related to current or potential effects of COVID-19, and therefore the Board’s May and June meetings were held telephonically in reliance on the Order. This exemptive order supersedes, in part, a similar, earlier exemptive order issued by the SEC.

Throughout the process, the Board asked questions of and requested additional information from management. The Board is assisted by counsel for the Trust and the Independent Trustees are also separately assisted by independent legal counsel throughout the process. The Independent Trustees also received a memorandum from their independent legal counsel discussing the legal standards for their consideration of the proposed continuation of the Agreements and discussed the proposed continuation of the Agreements in private sessions with their independent legal counsel at which no representatives of management were present.

### **Approval of Advisory Agreement**

In approving the Advisory Agreement with respect to the fund, the Board, including the Independent Trustees, considered a variety of factors, including those discussed below. The Board also considered other factors (including conditions and trends prevailing generally in the economy, the securities markets, and the industry) and did not treat any single factor as determinative, and each Trustee may have attributed different weights to different factors. The Board's conclusions may be based in part on its consideration of the advisory and subadvisory arrangements in prior years and on the Board's ongoing regular review of fund performance and operations throughout the year.

*Nature, extent, and quality of services.* Among the information received by the Board from the Advisor relating to the nature, extent, and quality of services provided to the fund, the Board reviewed information provided by the Advisor relating to its operations and personnel, descriptions of its organizational and management structure, and information regarding the Advisor's compliance and regulatory history, including its Form ADV. The Board also noted that on a regular basis it receives and reviews information from the Trust's Chief Compliance Officer (CCO) regarding the fund's compliance policies and procedures established pursuant to Rule 38a-1 under the 1940 Act. The Board observed that the scope of services provided by the Advisor, and of the undertakings required of the Advisor in connection with those services, including maintaining and monitoring its own and the fund's compliance programs, risk management programs, liquidity management programs and cybersecurity programs, had expanded over time as a result of regulatory, market and other developments. The Board considered that the Advisor is responsible for the management of the day-to-day operations of the fund, including, but not limited to, general supervision of and coordination of the services provided by the Subadvisor, and is also responsible for monitoring and reviewing the activities of the Subadvisor and other third-party service providers. The Board considered the Advisory Agreement and the Subadvisory Agreement separately in the course of its review. In doing so, the Board noted the respective roles of the Advisor and Subadvisor in providing services to the fund.

In considering the nature, extent, and quality of the services provided by the Advisor, the Trustees also took into account their knowledge of the Advisor's management and the quality of the performance of the Advisor's duties, through Board meetings, discussions and reports during the preceding year and through each Trustee's experience as a Trustee of the Trust and of the other trusts in the John Hancock group of funds complex (the John Hancock Fund Complex).

In the course of their deliberations regarding the Advisory Agreement, the Board considered, among other things:

- (a) the skills and competency with which the Advisor has in the past managed the Trust's affairs and its subadvisory relationship, the Advisor's oversight and monitoring of the Subadvisor's investment performance and compliance programs, such as the Subadvisor's compliance with fund policies and objectives, review of brokerage matters, including with respect to trade allocation and best execution and the Advisor's timeliness in responding to performance issues;
- (b) the background, qualifications and skills of the Advisor's personnel;
- (c) the Advisor's compliance policies and procedures and its responsiveness to regulatory changes and fund industry developments;



- (d) the Advisor's administrative capabilities, including its ability to supervise the other service providers for the fund, as well as the Advisor's oversight of any securities lending activity, its monitoring of class action litigation and collection of class action settlements on behalf of the fund, and bringing loss recovery actions on behalf of the fund;

the financial condition of the Advisor and whether it has the financial wherewithal to provide a high level and quality of services to the fund;

- (a) the Advisor's initiatives intended to improve various aspects of the Trust's operations and investor experience with the fund; and
- (b) the Advisor's reputation and experience in serving as an investment advisor to the Trust and the benefit to shareholders of investing in funds that are part of a family of funds offering a variety of investments.

The Board concluded that the Advisor may reasonably be expected to continue to provide a high quality of services under the Advisory Agreement with respect to the fund.

Investment performance. In considering the fund's performance, the Board noted that it reviews at its regularly scheduled meetings information about the fund's performance results. In connection with the consideration of the Advisory Agreement, the Board:

- (a) reviewed information prepared by management regarding the fund's performance;
- (b) considered the comparative performance of an applicable benchmark index;
- (c) considered the performance of comparable funds, if any, as included in the report prepared by an independent third-party provider of fund data; and
- (d) took into account the Advisor's analysis of the fund's performance and its plans and recommendations regarding the Trust's subadvisory arrangements generally.

The Board noted that while it found the data provided by the independent third-party generally useful it recognized its limitations, including in particular that the data may vary depending on the end date selected and that the results of the performance comparisons may vary depending on the selection of the peer group. The Board noted that the fund underperformed the benchmark index and peer group median for the one-, three-, five, and ten-year periods ended December 31, 2020. The Board took into account management's discussion of the factors that contributed to the fund's performance for the benchmark index and peer group median for the one-, three-, five-, and ten-year periods including the impact of past and current market conditions on the fund's strategy and management's outlook for the fund. The Board concluded that the fund's performance is being monitored and reasonably addressed, where appropriate.

Fees and expenses. The Board reviewed comparative information prepared by an independent third-party provider of fund data, including, among other data, the fund's contractual and net management fees (and subadvisory fees, to the extent available) and total expenses as compared to similarly situated investment companies deemed to be comparable to the fund in light of the nature, extent and quality of the management and advisory and subadvisory services provided by the Advisor and the Subadvisor. The Board considered the fund's ranking within a smaller group of peer funds chosen by the independent third-party provider, as well as the fund's ranking within a broader group of funds. In comparing the fund's contractual and net management fees to those of comparable funds, the Board noted that such fees include both advisory and administrative costs. The Board noted that net management fees and net total expenses are higher than the peer group median.

The Board took into account management's discussion of the fund's expenses. The Board also took into account management's discussion with respect to the overall management fee and the fees of the Subadvisor, including the amount of the advisory fee retained by the Advisor after payment of the subadvisory fees, in each case in light

of the services rendered for those amounts and the risk undertaken by the Advisor. The Board also noted that the Advisor pays the subadvisory fee, and that such fees are negotiated at arm's length with respect to the Subadvisor. In addition, the Board took into account that management had agreed to implement an overall fee waiver across the complex, including the fund, which is discussed further below. The Board also noted actions taken over the past several years to reduce the fund's operating expenses. The Board also noted that, in addition, the Advisor is currently waiving fees and/or reimbursing expenses with respect to the fund and that the fund has breakpoints in its contractual management fee schedule that reduces management fees as assets increase. The Board reviewed information provided by the Advisor concerning the investment advisory fee charged by the Advisor or one of its advisory affiliates to other clients (including other funds in the John Hancock Fund Complex) having similar investment mandates, if any. The Board considered any differences between the Advisor's and Subadvisor's services to the fund and the services they provide to other comparable clients or funds. The Board concluded that the advisory fee paid with respect to the fund is reasonable in light of the nature, extent and quality of the services provided to the fund under the Advisory Agreement.

Profitability/indirect benefits. In considering the costs of the services to be provided and the profits to be realized by the Advisor and its affiliates from the Advisor's relationship with the Trust, the Board:

- (a) reviewed financial information of the Advisor;
- (b) reviewed and considered information presented by the Advisor regarding the net profitability to the Advisor and its affiliates with respect to the fund;
- (c) received and reviewed profitability information with respect to the John Hancock Fund Complex as a whole and with respect to the fund;
- (d) received information with respect to the Advisor's allocation methodologies used in preparing the profitability data and considered that the Advisor hired an independent third-party consultant to provide an analysis of the Advisor's allocation methodologies;
- (e) considered that the John Hancock insurance companies that are affiliates of the Advisor, as shareholders of the Trust directly or through their separate accounts, receive certain tax credits or deductions relating to foreign taxes paid and dividends received by certain funds of the Trust and noted that these tax benefits, which are not available to participants in qualified retirement plans under applicable income tax law, are reflected in the profitability information reviewed by the Board;
- (f) considered that the Advisor also provides administrative services to the fund on a cost basis pursuant to an administrative services agreement;
- (g) noted that affiliates of the Advisor provide transfer agency services and distribution services to the fund, and that the fund's distributor also receives Rule 12b-1 payments to support distribution of the fund;
- (h) noted that the Advisor also derives reputational and other indirect benefits from providing advisory services to the fund;
- (i) noted that the subadvisory fee for the fund is paid by the Advisor and is negotiated at arm's length;
- (j) considered the Advisor's ongoing costs and expenditures necessary to improve services, meet new regulatory and compliance requirements, and adapt to other challenges impacting the fund industry; and
- (k) considered that the Advisor should be entitled to earn a reasonable level of profits in exchange for the level of services it provides to the fund and the risks that it assumes as Advisor, including entrepreneurial, operational, reputational, litigation and regulatory risk.

Based upon its review, the Board concluded that the level of profitability, if any, of the Advisor and its affiliates from their relationship with the fund was reasonable and not excessive.

Economies of scale. In considering the extent to which economies of scale would be realized as the fund grows and whether fee levels reflect these economies of scale for the benefit of fund shareholders, the Board:

- (a) considered that the Advisor has contractually agreed to waive a portion of its management fee for certain funds of the John Hancock Fund Complex, including the fund (the participating portfolios) or otherwise reimburse the expenses of the participating portfolios (the reimbursement). 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;
- (b) reviewed the fund's advisory fee structure and concluded that: (i) the fund's fee structure contains breakpoints at the subadvisory fee level and that such breakpoints are reflected as breakpoints in the advisory fees for the fund; and (ii) although economies of scale cannot be measured with precision, these arrangements permit shareholders of the fund to benefit from economies of scale if the fund grows. The Board also took into account management's discussion of the fund's advisory fee structure; and
- (c) the Board also considered the effect of the fund's growth in size on its performance and fees. The Board also noted that if the fund's assets increase over time, the fund may realize other economies of scale

### **Approval of Subadvisory Agreement**

In making its determination with respect to approval of the Subadvisory Agreement, the Board reviewed:

- (1) information relating to the Subadvisor's business, including current subadvisory services to the Trust (and other funds in the John Hancock Fund Complex);
- (2) the historical and current performance of the fund and comparative performance information relating to an applicable benchmark index and comparable funds; and
- (3) the subadvisory fee for the fund, including any breakpoints, and to the extent available, comparable fee information prepared by an independent third party provider of fund data; and

information relating to the nature and scope of any material relationships and their significant to the Trust's Advisor and Subadvisor.

Nature, extent, and quality of services. With respect to the services provided by the Subadvisor, the Board received information provided to the Board by the Subadvisor, including the Subadvisor's Form ADV, as well as took into account information presented throughout the past year. The Board considered the Subadvisor's current level of staffing and its overall resources, as well as received information relating to the Subadvisor's compensation program. The Board reviewed the Subadvisor's history and investment experience, as well as information regarding the qualifications, background, and responsibilities of the Subadvisor's investment and compliance personnel who provide services to the fund. The Board also considered, among other things, the Subadvisor's compliance program and any disciplinary history. The Board also considered the Subadvisor's risk assessment and monitoring process. The Board reviewed the Subadvisor's regulatory history, including whether it was involved in any regulatory actions or investigations as well as material litigation, and any settlements and amelioratory actions undertaken, as appropriate. The Board noted that the Advisor conducts regular, periodic reviews of the Subadvisor and its operations, including regarding investment processes and organizational and staffing matters. The Board also noted that the Trust's CCO and his staff conduct regular, periodic compliance reviews with the Subadvisor and

present reports to the Independent Trustees regarding the same, which includes evaluating the regulatory compliance systems of the Subadvisor and procedures reasonably designed to assure compliance with the federal securities laws. The Board also took into account the financial condition of the Subadvisor.

The Board considered the Subadvisor's investment process and philosophy. The Board took into account that the Subadvisor's responsibilities include the development and maintenance of an investment program for the fund that is consistent with the fund's investment objective, the selection of investment securities and the placement of orders for the purchase and sale of such securities, as well as the implementation of compliance controls related to performance of these services. The Board also received information with respect to the Subadvisor's brokerage policies and practices, including with respect to best execution and soft dollars.

Subadvisor compensation. In considering the cost of services to be provided by the Subadvisor and the profitability to the Subadvisor of its relationship with the fund, the Board noted that the fees under the Subadvisory Agreement are paid by the Advisor and not the fund.

The Board also relied on the ability of the Advisor to negotiate the Subadvisory Agreement with the Subadvisor, which is not affiliated with the Advisor, and the fees thereunder at arm's length. As a result, the costs of the services to be provided and the profits to be realized by the Subadvisor from its relationship with the Trust were not a material factor in the Board's consideration of the Subadvisory Agreement.

The Board also received information regarding the nature and scope (including their significance to the Advisor and its affiliates and to the Subadvisor) of any material relationships with respect to the Subadvisor, which include arrangements in which the Subadvisor or its affiliates provide advisory, distribution, or management services in connection with financial products sponsored by the Advisor or its affiliates, and may include other registered investment companies, a 529 education savings plan, managed separate accounts and exempt group annuity contracts sold to qualified plans. The Board also received information and took into account any other potential conflicts of interest the Advisor might have in connection with the Subadvisory Agreement.

In addition, the Board considered other potential indirect benefits that the Subadvisor and its affiliates may receive from the Subadvisor's relationship with the fund, such as the opportunity to provide advisory services to additional funds in the John Hancock Fund Complex and reputational benefits.

Subadvisory fees. The Board considered that the fund pays an advisory fee to the Advisor and that, in turn, the Advisor pays a subadvisory fee to the Subadvisor. As noted above, the Board also considered the fund's subadvisory fees as compared to similarly situated investment companies deemed to be comparable to the fund as included in the report prepared by the independent third party provider of fund data, to the extent available. The Board noted that the limited size of the Lipper peer group was not sufficient for comparative purposes. The Board also took into account the subadvisory fees paid by the Advisor to the Subadvisor with respect to the fund and compared them to fees charged by the Subadvisor to manage other subadvised portfolios and portfolios not subject to regulation under the 1940 Act, as applicable.

Subadvisor performance. As noted above, the Board considered the fund's performance as compared to the fund's peer group median and the benchmark index and noted that the Board reviews information about the fund's performance results at its regularly scheduled meetings. The Board noted the Advisor's expertise and resources in monitoring the performance, investment style and risk-adjusted performance of the Subadvisor. The Board was mindful of the Advisor's focus on the Subadvisor's performance. The Board also noted the Subadvisor's long-term performance record for similar accounts, as applicable.

The Board's decision to approve the Subadvisory Agreement was based on a number of determinations, including the following:

- (1) the Subadvisor has extensive experience and demonstrated skills as a manager;
- (2) the performance of the fund is being monitored and reasonably addressed, where appropriate;

- (3) the subadvisory fee is reasonable in relation to the level and quality of services being provided under the Subadvisory Agreement; and
- (4) noted that the subadvisory fees are paid by the Advisor not the fund and that the subadvisory fee breakpoints are reflected as breakpoints in the advisory fees for the fund in order to permit shareholders to benefit from economies of scale if the fund grows.

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Based on the Board's evaluation of all factors that the Board deemed to be material, including those factors described above, the Board, including the Independent Trustees, concluded that renewal of the Advisory Agreement and the Subadvisory Agreement would be in the best interest of the fund and its shareholders. Accordingly, the Board, and the Independent Trustees voting separately, approved the Advisory Agreement and Subadvisory Agreement for an additional one-year period.

## STATEMENT REGARDING LIQUIDITY RISK MANAGEMENT

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### Operation of the Liquidity Risk Management Program

This section describes operation and effectiveness of the Liquidity Risk Management Program (LRMP) established in accordance with Rule 22e-4 under the Investment Company Act of 1940, as amended (the Liquidity Rule). The Board of Trustees (the Board) of each Fund in the John Hancock Group of Funds (each a Fund and collectively, the Funds) that is subject to the requirements of the Liquidity Rule has appointed John Hancock Investment Management LLC and John Hancock Variable Trust Advisers LLC (together, the Advisor) to serve as Administrator of the LRMP with respect to each of the Funds, including John Hancock Emerging Markets Fund, subject to the oversight of the Board. In order to provide a mechanism and process to perform the functions necessary to administer the LRMP, the Advisor established the Liquidity Risk Management Committee (the Committee). The Fund's subadvisor, Dimensional Fund Advisors LP (the Subadvisor) executes the day-to-day investment management and security-level activities of the Fund in accordance with the requirements of the LRMP, subject to the supervision of the Advisor and the Board.

The Committee holds monthly meetings to: (1) review the day-to-day operations of the LRMP; (2) review and approve month end liquidity classifications; (3) review quarterly testing and determinations, as applicable; and (4) review other LRMP related material. The Advisor also conducts daily, monthly, quarterly, and annual quantitative and qualitative assessments of each subadvisor to a Fund that is subject to the requirements of the Liquidity Rule and is a part of the LRMP to monitor investment performance issues, risks and trends. In addition, the Advisor may conduct ad-hoc reviews and meetings with subadvisors as issues and trends are identified, including potential liquidity and valuation issues. The Committee also monitors global events, such as the COVID-19 Coronavirus, that could impact the markets and liquidity of portfolio investments and their classifications.

The Committee provided the Board at a meeting held by videoconference on March 23-25, 2021 with a written report which addressed the Committee's assessment of the adequacy and effectiveness of the implementation and operation of the LRMP and any material changes to the LRMP. The report, which covered the period January 1, 2020 through December 31, 2020, included an assessment of important aspects of the LRMP including, but not limited to: (1) Highly Liquid Investment Minimum (HLIM) determination; (2) Compliance with the 15% limit on illiquid investments; (3) Reasonably Anticipated Trade Size (RATS) determination; (4) Security-level liquidity classifications; (5) Liquidity risk assessment; and (6) Operation of the Fund's Redemption-In-Kind Procedures. Additionally, the report included a discussion of notable changes and enhancements to the LRMP implemented during 2020.

The report also covered material liquidity matters which occurred or were reported during this period applicable to the Fund, if any, and the Committee's actions to address such matters.

The report stated, in relevant part, that during the period covered by the report:

- The Fund's investment strategy remained appropriate for an open-end fund structure;
- The Fund was able to meet requests for redemption without significant dilution of remaining investors' interests in the Fund;
- The Fund did not report any breaches of the 15% limit on illiquid investments that would require reporting to the Securities and Exchange Commission;
- The Fund continued to qualify as a Primarily Highly Liquid Fund under the Liquidity Rule and therefore is not required to establish a HLIM; and
- The Chief Compliance Officer's office performed audit testing of the LRMP which resulted in an assessment that the LRMP's control environment was deemed to be operating effectively and in compliance with the Board approved procedures.

**Adequacy and Effectiveness**

Based on the review and assessment conducted by the Committee, the Committee has determined that the LRMP has been implemented, and is operating in a manner that is adequate and effective at assessing and managing the liquidity risk of each Fund.

# Trustees and Officers

This chart provides information about the Trustees and Officers who oversee your John Hancock fund. Officers elected by the Trustees manage the day-to-day operations of the fund and execute policies formulated by the Trustees.

## Independent Trustees

<b>Name, year of birth Position(s) held with Trust Principal occupation(s) and other directorships during past 5 years</b>	<b>Trustee of the Trust since<sup>1</sup></b>	<b>Number of John Hancock funds overseen by Trustee</b>
<b>Hassell H. McClellan, Born: 1945</b> <i>Trustee and Chairperson of the Board</i> Director/Trustee, Virtus Funds (2008-2020); Director, The Barnes Group (2010-2021); Associate Professor, The Wallace E. Carroll School of Management, Boston College (retired 2013). Trustee (since 2005) and Chairperson of the Board (since 2017) of various trusts within the John Hancock Fund Complex.	<b>2005</b>	<b>190</b>
<b>Charles L. Bardelis,<sup>2</sup> Born: 1941</b> <i>Trustee</i> Director, Island Commuter Corp. (marine transport). Trustee of various trusts within the John Hancock Fund Complex (since 1988).	<b>2005</b>	<b>190</b>
<b>James R. Boyle, Born: 1959</b> <i>Trustee</i> Chief Executive Officer, Foresters Financial (since 2018); Chairman and Chief Executive Officer, Zillion Group, Inc. (formerly HealthFleet, Inc.) (healthcare) (2014-2018); Executive Vice President and Chief Executive Officer, U.S. Life Insurance Division of Genworth Financial, Inc. (insurance) (January 2014–July 2014); Senior Executive Vice President, Manulife Financial, President and Chief Executive Officer, John Hancock (1999–2012); Chairman and Director, John Hancock Investment Management LLC, John Hancock Investment Management Distributors LLC, and John Hancock Variable Trust Advisers LLC (2005–2010). Trustee of various trusts within the John Hancock Fund Complex (2005–2014 and since 2015).	<b>2015</b>	<b>190</b>
<b>Peter S. Burgess,<sup>2</sup> Born: 1942</b> <i>Trustee</i> Consultant (financial, accounting, and auditing matters) (since 1999); Certified Public Accountant; Partner, Arthur Andersen (independent public accounting firm) (prior to 1999); Director, Lincoln Educational Services Corporation (2004-2021); Director, Symetra Financial Corporation (2010–2016); Director, PMA Capital Corporation (2004–2010). Trustee of various trusts within the John Hancock Fund Complex (since 2005).	<b>2005</b>	<b>190</b>
<b>William H. Cunningham, Born: 1944</b> <i>Trustee</i> Professor, University of Texas, Austin, Texas (since 1971); former Chancellor, University of Texas System and former President of the University of Texas, Austin, Texas; Chairman (since 2009) and Director (since 2006), Lincoln National Corporation (insurance); Director, Southwest Airlines (since 2000); former Director, LIN Television (2009–2014). Trustee of various trusts within the John Hancock Fund Complex (since 1986).	<b>2012</b>	<b>190</b>
<b>Grace K. Fey, Born: 1946</b> <i>Trustee</i> Chief Executive Officer, Grace Fey Advisors (since 2007); Director and Executive Vice President, Frontier Capital Management Company (1988–2007); Director, Fiduciary Trust (since 2009). Trustee of various trusts within the John Hancock Fund Complex (since 2008).	<b>2008</b>	<b>190</b>



## Independent Trustees (continued)

Name, year of birth Position(s) held with Trust Principal occupation(s) and other directorships during past 5 years	Trustee of the Trust since <sup>1</sup>	Number of John Hancock funds overseen by Trustee
<b>Deborah C. Jackson, Born: 1952</b>	2012	190
<i>Trustee</i>		
<p>President, Cambridge College, Cambridge, Massachusetts (since 2011); Board of Directors, Amwell Corporation (since 2020); Board of Directors, Massachusetts Women’s Forum (2018-2020); Board of Directors, National Association of Corporate Directors/New England (2015-2020); Board of Directors, Association of Independent Colleges and Universities of Massachusetts (2014-2017); Chief Executive Officer, American Red Cross of Massachusetts Bay (2002–2011); Board of Directors of Eastern Bank Corporation (since 2001); Board of Directors of Eastern Bank Charitable Foundation (since 2001); Board of Directors of American Student Assistance Corporation (1996–2009); Board of Directors of Boston Stock Exchange (2002–2008); Board of Directors of Harvard Pilgrim Healthcare (health benefits company) (2007–2011). Trustee of various trusts within the John Hancock Fund Complex (since 2008).</p>		
<b>Steven R. Pruchansky, Born: 1944</b>	2012	190
<i>Trustee and Vice Chairperson of the Board</i>		
<p>Managing Director, Pru Realty (since 2017); Chairman and Chief Executive Officer, Greenscapes of Southwest Florida, Inc. (2014-2020); Director and President, Greenscapes of Southwest Florida, Inc. (until 2000); Member, Board of Advisors, First American Bank (until 2010); Managing Director, Jon James, LLC (real estate) (since 2000); Partner, Right Funding, LLC (2014-2017); Director, First Signature Bank &amp; Trust Company (until 1991); Director, Mast Realty Trust (until 1994); President, Maxwell Building Corp. (until 1991). Trustee (since 1992), Chairperson of the Board (2011–2012), and Vice Chairperson of the Board (since 2012) of various trusts within the John Hancock Fund Complex.</p>		
<b>Frances G. Rathke,<sup>2,*</sup> Born: 1960</b>	2020	190
<i>Trustee</i>		
<p>Board Member, Oatly Group AB (plant-based drink company) (since 2021); Director, Northern New England Energy Corporation (since 2017); Director, Audit Committee Chair and Compensation Committee Member, Green Mountain Power Corporation (since 2016); Director, Treasurer and Finance &amp; Audit Committee Chair, Flynn Center for Performing Arts (since 2016); Director, Audit Committee Chair and Compensation Committee Member, Planet Fitness (since 2016); Director, Citizen Cider, Inc. (high-end hard cider and hard seltzer company) (since 2016); Chief Financial Officer and Treasurer, Keurig Green Mountain, Inc. (2003-retired 2015); Independent Financial Consultant, Frances Rathke Consulting (strategic and financial consulting services) (2001-2003); Chief Financial Officer and Secretary, Ben &amp; Jerry’s Homemade, Inc. (1989-2000, including prior positions); Senior Manager, Coopers &amp; Lybrand, LLC (independent public accounting firm) (1982-1989). Trustee of various trusts within the John Hancock Fund Complex (since 2020).</p>		
<b>Gregory A. Russo, Born: 1949</b>	2012	190
<i>Trustee</i>		
<p>Director and Audit Committee Chairman (2012-2020), and Member, Audit Committee and Finance Committee (2011-2020), NCH Healthcare System, Inc. (holding company for multi-entity healthcare system); Director and Member (2012-2018) and Finance Committee Chairman (2014-2018), The Moorings, Inc. (nonprofit continuing care community); Vice Chairman, Risk &amp; Regulatory Matters, KPMG LLP (KPMG) (2002–2006); Vice Chairman, Industrial Markets, KPMG (1998–2002); Chairman and Treasurer, Westchester County, New York, Chamber of Commerce (1986–1992); Director, Treasurer, and Chairman of Audit and Finance Committees, Putnam Hospital Center (1989–1995); Director and Chairman of Fundraising Campaign, United Way of Westchester and Putnam Counties, New York (1990–1995). Trustee of various trusts within the John Hancock Fund Complex (since 2008).</p>		

### Non-Independent Trustees<sup>3</sup>

Name, year of birth Position(s) held with Trust Principal occupation(s) and other directorships during past 5 years	Trustee of the Trust since <sup>1</sup>	Number of John Hancock funds overseen by Trustee
<b>Andrew G. Arnott, Born: 1971</b>	<b>2017</b>	<b>190</b>

#### *President and Non-Independent Trustee*

Head of Wealth and Asset Management, United States and Europe, for John Hancock and Manulife (since 2018); Director and Executive Vice President, John Hancock Investment Management LLC (since 2005, including prior positions); Director and Executive Vice President, John Hancock Variable Trust Advisers LLC (since 2006, including prior positions); President, John Hancock Investment Management Distributors LLC (since 2004, including prior positions); President of various trusts within the John Hancock Fund Complex (since 2007, including prior positions). Trustee of various trusts within the John Hancock Fund Complex (since 2017).

<b>Marianne Harrison, Born: 1963</b>	<b>2018</b>	<b>190</b>
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#### *Non-Independent Trustee*

President and CEO, John Hancock (since 2017); President and CEO, Manulife Canadian Division (2013–2017); Member, Board of Directors, Boston Medical Center (since 2021); Member, Board of Directors, CAE Inc. (since 2019); Member, Board of Directors, MA Competitive Partnership Board (since 2018); Member, Board of Directors, American Council of Life Insurers (ACLI) (since 2018); Member, Board of Directors, Communitech, an industry-led innovation center that fosters technology companies in Canada (2017–2019); Member, Board of Directors, Manulife Assurance Canada (2015–2017); Board Member, St. Mary's General Hospital Foundation (2014–2017); Member, Board of Directors, Manulife Bank of Canada (2013–2017); Member, Standing Committee of the Canadian Life & Health Assurance Association (2013–2017); Member, Board of Directors, John Hancock USA, John Hancock Life & Health, John Hancock New York (2012–2013). Trustee of various trusts within the John Hancock Fund Complex (since 2018).

### Principal officers who are not Trustees

Name, year of birth Position(s) held with Trust Principal occupation(s) during past 5 years	Current Position(s) with the Trust since
<b>Charles A. Rizzo, Born: 1957</b>	<b>2007</b>

#### *Chief Financial Officer*

Vice President, John Hancock Financial Services (since 2008); Senior Vice President, John Hancock Investment Management LLC and John Hancock Variable Trust Advisers LLC (since 2008); Chief Financial Officer of various trusts within the John Hancock Fund Complex (since 2007).

<b>Salvatore Schiavone, Born: 1965</b>	<b>2009</b>
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#### *Treasurer*

Assistant Vice President, John Hancock Financial Services (since 2007); Vice President, John Hancock Investment Management LLC and John Hancock Variable Trust Advisers LLC (since 2007); Treasurer of various trusts within the John Hancock Fund Complex (since 2007, including prior positions).

<b>Christopher (Kit) Sechler, Born: 1973</b>	<b>2018</b>
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#### *Secretary and Chief Legal Officer*

Vice President and Deputy Chief Counsel, John Hancock Investment Management (since 2015); Assistant Vice President and Senior Counsel (2009–2015), John Hancock Investment Management; Assistant Secretary of John Hancock Investment Management LLC and John Hancock Variable Trust Advisers LLC (since 2009); Chief Legal Officer and Secretary of various trusts within the John Hancock Fund Complex (since 2009, including prior positions).

**Principal officers who are not Trustees** (continued)

Name, year of birth Position(s) held with Trust Principal occupation(s) during past 5 years	Current Position(s) with the Trust since
<b>Trevor Swanberg, Born: 1979</b>	<b>2020</b>

*Chief Compliance Officer*

Chief Compliance Officer, John Hancock Investment Management LLC and John Hancock Variable Trust Advisers LLC (since 2020); Deputy Chief Compliance Officer, John Hancock Investment Management LLC and John Hancock Variable Trust Advisers LLC (2019–2020); Assistant Chief Compliance Officer, John Hancock Investment Management LLC and John Hancock Variable Trust Advisers LLC (2016–2019); Vice President, State Street Global Advisors (2015–2016); Chief Compliance Officer of various trusts within the John Hancock Fund Complex (since 2016, including prior positions).

The business address for all Trustees and Officers is 200 Berkeley Street, Boston, Massachusetts 02116-5023.

The Statement of Additional Information of the fund includes additional information about members of the Board of Trustees of the Trust and is available without charge, upon request, by calling 800-225-5291.

- <sup>1</sup> Each Trustee holds office until his or her successor is elected and qualified, or until the Trustee's death, retirement, resignation, or removal. Mr. Boyle has served as Trustee at various times prior to the date listed in the table.
- <sup>2</sup> Member of the Audit Committee.
- <sup>3</sup> The Trustee is a Non-Independent Trustee due to current or former positions with the Advisor and certain affiliates.
- \* Appointed as Independent Trustee effective as of September 15, 2020.

# More information

## Trustees

Hassell H. McClellan, *Chairperson*  
Steven R. Pruchansky, *Vice Chairperson*  
Andrew G. Arnott<sup>†</sup>  
Charles L. Bardelis<sup>\*</sup>  
James R. Boyle  
Peter S. Burgess<sup>\*</sup>  
William H. Cunningham  
Grace K. Fey  
Marianne Harrison<sup>†</sup>  
Deborah C. Jackson  
Frances G. Rathke<sup>\*,1</sup>  
Gregory A. Russo

## Officers

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

\* Member of the Audit Committee

<sup>†</sup> Non-Independent Trustee

<sup>1</sup> Appointed as Independent Trustee effective as of September 15, 2020

The fund's proxy voting policies and procedures, as well as the fund proxy voting record for the most recent twelve-month period ended June 30, are available free of charge on the Securities and Exchange Commission (SEC) website at [sec.gov](http://sec.gov) or on our website.

All of the fund's 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. The fund's Form N-PORT filings are available on our website and the SEC's website, [sec.gov](http://sec.gov).

We make this information on your fund, as well as **monthly portfolio holdings**, and other fund details available on our website at [jhinvestments.com](http://jhinvestments.com) or by calling 800-225-5291.

You can also contact us:

**800-225-5291**  
**[jhinvestments.com](http://jhinvestments.com)**

**Regular mail:**  
John Hancock Signature Services, Inc.  
P.O. Box 219909  
Kansas City, MO 64121-9909

**Express mail:**  
John Hancock Signature Services, Inc.  
430 W 7<sup>th</sup> Street  
Suite 219909  
Kansas City, MO 64105-1407

## Investment advisor

John Hancock Investment Management LLC

## Subadvisor

Dimensional Fund Advisors LP

## Portfolio Managers

William B. Collins-Dean, CFA  
Jed S. Fogdall  
Mary T. Phillips, CFA  
Bhanu P. Singh

## Principal distributor

John Hancock Investment Management Distributors LLC

## Custodian

Citibank, N.A.

## Transfer agent

John Hancock Signature Services, Inc.

## Legal counsel

K&L Gates LLP

## Independent registered public accounting firm

PricewaterhouseCoopers LLP

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### **Direct shareholders**

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You may revoke your consent at any time by simply visiting [jhinvestments.com/login](http://jhinvestments.com/login) and following the instructions above. You may also revoke consent by calling 800-225-5291 or by writing to us at the following address: John Hancock Signature Services, Inc., P.O. Box 219909, Kansas City, MO 64121-9909. We reserve the right to deliver documents to you on paper at any time should the need arise.

### **Brokerage account shareholders**

If you receive statements directly from your bank or broker and would like to participate in eDelivery, go to **[icsdelivery/live](#)** or contact your financial representative.

# John Hancock family of funds

## **U.S. EQUITY FUNDS**

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Blue Chip Growth  
Classic Value  
Disciplined Value  
Disciplined Value Mid Cap  
Equity Income  
Financial Industries  
Fundamental All Cap Core  
Fundamental Large Cap Core  
New Opportunities  
Regional Bank  
Small Cap Core  
Small Cap Growth  
Small Cap Value  
U.S. Global Leaders Growth  
U.S. Growth

## **INTERNATIONAL EQUITY FUNDS**

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Disciplined Value International  
Emerging Markets  
Emerging Markets Equity  
Fundamental Global Franchise  
Global Equity  
Global Shareholder Yield  
Global Thematic Opportunities  
International Dynamic Growth  
International Growth  
International Small Company

## **FIXED-INCOME FUNDS**

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Bond  
California Tax-Free Income  
Emerging Markets Debt  
Floating Rate Income  
Government Income  
High Yield  
High Yield Municipal Bond  
Income  
Investment Grade Bond  
Money Market  
Opportunistic Fixed Income  
Short Duration Bond  
Short Duration Credit Opportunities  
Strategic Income Opportunities  
Tax-Free Bond

## **ALTERNATIVE FUNDS**

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Absolute Return Currency  
Alternative Asset Allocation  
Diversified Macro  
Infrastructure  
Multi-Asset Absolute Return  
Real Estate Securities  
Seaport Long/Short

**A fund's investment objectives, risks, charges, and expenses should be considered carefully before investing. The prospectus contains this and other important information about the fund. To obtain a prospectus, contact your financial professional, call John Hancock Investments at 800-225-5291, or visit our website at [jhinvestments.com](http://jhinvestments.com). Please read the prospectus carefully before investing or sending money.**

## **ASSET ALLOCATION/TARGET DATE FUNDS**

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Balanced

Multi-Asset High Income

Multi-Index Lifetime Portfolios

Multi-Index Preservation Portfolios

Multimanager Lifestyle Portfolios

Multimanager Lifetime Portfolios

Retirement Income 2040

## **EXCHANGE-TRADED FUNDS**

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John Hancock Corporate Bond ETF

John Hancock Multifactor Consumer Discretionary ETF

John Hancock Multifactor Consumer Staples ETF

John Hancock Multifactor Developed International ETF

John Hancock Multifactor Emerging Markets ETF

John Hancock Multifactor Energy ETF

John Hancock Multifactor Financials ETF

John Hancock Multifactor Healthcare ETF

John Hancock Multifactor Industrials ETF

John Hancock Multifactor Large Cap ETF

John Hancock Multifactor Materials ETF

John Hancock Multifactor Media and

Communications ETF

John Hancock Multifactor Mid Cap ETF

John Hancock Multifactor Small Cap ETF

John Hancock Multifactor Technology ETF

John Hancock Multifactor Utilities ETF

## **ENVIRONMENTAL, SOCIAL, AND GOVERNANCE FUNDS**

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ESG Core Bond

ESG International Equity

ESG Large Cap Core

## **CLOSED-END FUNDS**

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Financial Opportunities

Hedged Equity & Income

Income Securities Trust

Investors Trust

Preferred Income

Preferred Income II

Preferred Income III

Premium Dividend

Tax-Advantaged Dividend Income

Tax-Advantaged Global Shareholder Yield

*John Hancock ETF shares are bought and sold at market price (not NAV), and are not individually redeemed from the fund. Brokerage commissions will reduce returns.*

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## *A trusted* brand

John Hancock Investment Management is a premier asset manager with a heritage of financial stewardship dating back to 1862. Helping our shareholders pursue their financial goals is at the core of everything we do. It's why we support the role of professional financial advice and operate with the highest standards of conduct and integrity.

## *A better way* to invest

We serve investors globally through a unique multimanager approach: We search the world to find proven portfolio teams with specialized expertise for every strategy we offer, then we apply robust investment oversight to ensure they continue to meet our uncompromising standards and serve the best interests of our shareholders.

## *Results* for investors

Our unique approach to asset management enables us to provide a diverse set of investments backed by some of the world's best managers, along with strong risk-adjusted returns across asset classes.

"A trusted brand" is based on a survey of 6,651 respondents conducted by Medallia between 3/18/20 and 5/13/20.

 Investment Management

John Hancock Investment Management Distributors LLC, Member FINRA, SIPC  
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jhinvestments.com

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