

Summary prospectus

John Hancock Emerging Markets Equity Fund

Before you invest, you may want to review the fund's prospectus, which contains more information about the fund and its risks. You can find the fund's prospectus and other information about the fund, including the Statement of Additional Information and most recent reports, online at www.jhinvestments.com/prospectuses. You can also get this information at no cost by calling 800-225-5291 (Class A and Class C) or 888-972-8696 (Class I, Class R2, Class R4, and Class R6) or by sending an email request to info@jhinvestments.com. The fund's prospectus and Statement of Additional Information, both dated March 1, 2024, as may be supplemented, and most recent financial highlights information included in the shareholder report, dated October 31, 2023, are incorporated by reference into this summary prospectus.

Tickers

A: JEMQX C: JEMZX I: JEMMX R2: JEMKX R4: JEMNX R6: JEMGX

Investment objective

To seek long-term capital growth.

Fees and expenses

This table describes the fees and expenses you may pay if you buy, hold, and sell shares of the fund. **You may pay other fees, such as brokerage commissions and other fees to financial intermediaries, which are not reflected in the tables and examples below.** You may qualify for sales charge discounts on Class A shares if you and your family invest, or agree to invest in the future, at least \$50,000 in the John Hancock family of funds. Intermediaries may have different policies and procedures regarding the availability of front-end sales charge waivers or contingent deferred sales charge (CDSC) waivers (See Appendix 1 - Intermediary sales charge waivers, which includes information about specific sales charge waivers applicable to the intermediaries identified therein). More information about these and other discounts is available from your financial professional and beginning on page 24 of the prospectus under "Sales charge reductions and waivers" or page 121 of the fund's Statement of Additional Information under "Sales Charges on Class A and Class C Shares."

Shareholder fees (%) (fees paid directly from your investment)

	A	C	I	R2	R4	R6
Maximum front-end sales charge (load) on purchases, as a % of purchase price	5.00	None	None	None	None	None
Maximum deferred sales charge (load) as a % of purchase or sale price, whichever is less	1.00 (on certain purchases, including those of \$1 million or more)	1.00	None	None	None	None
Small account fee (for fund account balances under \$1,000) (\$)	20	20	None	None	None	None

Annual fund operating expenses (%) (expenses that you pay each year as a percentage of the value of your investment)

	A	C	I	R2	R4	R6
Management fee	0.95	0.95	0.95	0.95	0.95	0.95
Distribution and service (Rule 12b-1) fees	0.30	1.00	0.00	0.25	0.25	0.00
Other expenses						
Service plan fee	0.00	0.00	0.00	0.25 ¹	0.10 ¹	0.00
Additional other expenses	0.22	0.22	0.22	0.11	0.11	0.11
Total other expenses	0.22	0.22	0.22	0.36	0.21	0.11
Acquired fund fees and expenses	0.01 ²	0.01 ²	0.01 ²	0.01 ²	0.01 ²	0.01 ²
Total annual fund operating expenses	1.48³	2.18³	1.18³	1.57³	1.42³	1.07³
Contractual expense reimbursement	-0.16 ⁴	-0.16 ⁴	-0.16 ⁴	-0.16 ⁴	-0.26 ^{4,5}	-0.16 ⁴
Total annual fund operating expenses after expense reimbursements	1.32	2.02	1.02	1.41	1.16	0.91

¹ "Service plan fee" has been restated to reflect maximum allowable fees.

² "Acquired fund fees and expenses" are based on indirect net expenses associated with the fund's investments in underlying investment companies.

³ The "Total annual fund operating expenses" shown may not correlate to the fund's ratios of expenses to average daily net assets shown in the "Financial highlights" section of the fund's prospectus, which does not include "Acquired fund fees and expenses."

⁴ The advisor contractually agrees to reduce its management fee by an annual rate of 0.15% of the fund's average daily net assets. This agreement expires on February 28, 2025, 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 also contractually agrees to waive a portion of its management fee and/or reimburse expenses for the fund and certain other John Hancock funds according to an asset level breakpoint schedule that is based on the aggregate net assets of all the funds participating in the waiver or reimbursement, including the fund (the participating portfolios). This waiver equals, on an annualized basis, 0.0100% of that portion of the aggregate net assets of all the participating portfolios that exceeds \$75 billion but is less than or equal to \$125 billion; 0.0125% of that portion of the aggregate net assets of all the participating portfolios that exceeds \$125 billion but is less than or equal to \$150 billion; 0.0150% of that portion of the aggregate net assets of all the participating portfolios that exceeds \$150 billion but

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is less than or equal to \$175 billion; 0.0175% of that portion of the aggregate net assets of all the participating portfolios that exceeds \$175 billion but is less than or equal to \$200 billion; 0.0200% of that portion of the aggregate net assets of all the participating portfolios that exceeds \$200 billion but is less than or equal to \$225 billion; and 0.0225% of that portion of the aggregate net assets of all the participating portfolios that exceeds \$225 billion. The amount of the reimbursement is calculated daily and allocated among all the participating portfolios in proportion to the daily net assets of each participating portfolio. During its most recent fiscal year, the fund's reimbursement amounted to 0.01% of the fund's average daily net assets. This agreement expires on July 31, 2025, 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.

- 5 The distributor contractually agrees to limit its Rule 12b-1 fees for Class R4 shares to 0.15%. This agreement expires on February 28, 2025, unless renewed by mutual agreement of the fund and the distributor based upon a determination that this is appropriate under the circumstances at that time.

Expense example

This example is intended to help you compare the cost of investing in the fund with the cost of investing in other mutual funds. Please see below a hypothetical example showing the expenses of a \$10,000 investment for the time periods indicated and then, except as shown below, assuming you sell all of your shares at the end of those periods. The example assumes a 5% average annual return and that fund expenses will not change over the periods. Although your actual costs may be higher or lower, based on these assumptions, your costs would be:

Expenses (\$)	Shares Sold						Shares Not Sold
	A	C	I	R2	R4	R6	C
1 year	628	305	104	144	118	93	205
3 years	930	667	359	480	424	324	667
5 years	1,253	1,155	634	840	752	575	1,155
10 years	2,167	2,323	1,418	1,854	1,680	1,291	2,323

Portfolio turnover

The fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when fund shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the fund's performance. During its most recent fiscal year, the fund's portfolio turnover rate was 37% of the average value of its portfolio.

Principal investment strategies

Under normal market conditions, the fund invests at least 80% of its net assets (plus any borrowings for investment purposes) in equity and equity-related securities of emerging-market issuers. The manager may consider, but is not limited to, the classifications by the World Bank, the International Finance Corporation, or the United Nations and its agencies in determining whether a country is an emerging- or a developed-market country. The fund seeks to invest in securities that the manager considers to be undervalued or otherwise offer good prospects for capital growth.

The fund intends to invest in equity securities listed on bona fide securities exchanges or actively traded on over-the-counter markets. Equity and equity-related securities include common stocks, preferred stocks, convertible securities, warrants, and other similar securities. The fund may also invest in other investment companies (including closed-end funds) and other pooled investment vehicles that are themselves dedicated to investment in developing or emerging market economies.

Disciplined, fundamental-based, bottom-up stock selection lies at the heart of the manager's investment process, which focuses on high quality companies within a diverse range of dynamic emerging economies. The manager seeks to invest in companies with strong assets that exhibit balance sheet strength, superior management, and high levels of free cash-flow to support a sustainable dividend payout. Although, there is no sector or geographical bias, the fund may focus its investments in a particular sector or sectors of the economy. The fund may invest in companies of any market capitalization.

The manager considers environmental, social, and/or governance (ESG) factors, alongside other relevant factors, as part of its investment process. ESG factors may include, but are not limited to, matters regarding board diversity, climate change policies, and supply chain and human rights policies. The ESG characteristics utilized in the fund's investment process may change over time and one or more characteristics may not be relevant with respect to all issuers that are eligible fund investments.

Due to volatile conditions in emerging markets, the fund's investment process may result in a higher-than-average portfolio turnover ratio, which could increase transaction costs.

The fund may attempt to mitigate the risk of unintended currency fluctuations through the use of exchange-listed or over-the-counter financial derivatives instruments, including currency forwards, non-deliverable forwards, currency options, and index options. The fund may also enter into forward currency contracts to facilitate the settlement of foreign securities purchases, repatriation of foreign currency balances, or exchange of one currency to another. The fund may use derivatives such as futures contracts and options on futures contracts to gain market exposure on uninvested cash, pending investment in securities, or to maintain liquidity to pay redemptions.

Principal risks

An investment in the fund is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Many factors affect performance, and fund shares will fluctuate in price, meaning you could lose money. The fund's investment strategy may not produce the intended results.

The fund's main risks are listed below in alphabetical order, not in order of importance. *Before investing, be sure to read the additional descriptions of these risks beginning on page 6 of the prospectus.*

Credit and counterparty risk. The counterparty to an over-the-counter derivatives contract or a borrower of fund securities may not make timely payments or otherwise honor its obligations.

Economic and market events risk. Events in the U.S. and global financial markets, including actions taken by the U.S. Federal Reserve or foreign central banks to stimulate or stabilize economic growth, may at times result in unusually high market volatility, which could negatively impact performance. Reduced liquidity in credit and fixed-income markets could adversely affect issuers worldwide. Banks and financial services companies could suffer losses if interest rates rise or economic conditions deteriorate.

Emerging-market risk. The risks of investing in foreign securities are magnified in emerging markets. Emerging-market countries may experience higher inflation, interest rates, and unemployment and greater social, economic, and political uncertainties than more developed countries.

Greater China risk. Investments in the Greater China region may be subject to less developed trading markets, acute political risks such as possible negative repercussions resulting from China's relationship with Taiwan or Hong Kong, and restrictions on monetary repatriation or other adverse government actions. For example, a government may restrict investment in companies or industries considered important to national interests, or intervene in the financial markets, such as by imposing trading restrictions, or banning or curtailing short selling. A small number of companies and industries may generally represent a relatively large portion of the Greater China market as a whole.

Hong Kong Stock Connect Program (Stock Connect) risk. Trading in China A-Shares through Stock Connect, a mutual market access program that enables foreign investment in the People's Republic of China (PRC), is subject to certain restrictions and risks. Securities listed on Stock Connect may lose purchase eligibility, which could adversely affect the fund's performance. Trading through Stock Connect is subject to trading, clearance, and settlement procedures that may continue to develop as the program matures. Any changes in laws, regulations and policies applicable to Stock Connect may affect China A-Share prices. These risks are heightened by the underdeveloped state of the PRC's investment and banking systems in general.

Equity securities risk. The price of equity securities may decline due to changes in a company's financial condition or overall market conditions. Growth company securities may fluctuate more in price than other securities because of the greater emphasis on earnings expectations. Securities the manager believes are undervalued may never realize their full potential value, and in certain markets value stocks may underperform the market as a whole.

ESG integration risk. The manager considers ESG factors that it deems relevant or additive, along with other material factors and analysis, when managing the fund. ESG factors may include, but are not limited to, matters regarding board diversity, climate change policies, and supply chain and human rights policies. The manager may consider these ESG factors on all or a meaningful portion of the fund's investments. Incorporating ESG criteria and making investment decisions based on certain ESG characteristics, as determined by the manager, carries the risk that the fund may perform differently, including underperforming, funds that do not utilize ESG criteria, or funds that utilize different ESG criteria.

Financial services sector risk. Financial services companies can be significantly affected by economic, market, and business developments, borrowing costs, interest-rate fluctuations, competition, and government regulation, among other factors.

Foreign securities risk. Less information may be publicly available regarding foreign issuers, including foreign government issuers. Foreign securities may be subject to foreign taxes and may be more volatile than U.S. securities. Currency fluctuations and political and economic developments may adversely impact the value of foreign securities. The risks of investing in foreign securities are magnified in emerging markets.

Hedging, derivatives, and other strategic transactions risk. Hedging, derivatives, and other strategic transactions may increase a fund's volatility and could produce disproportionate losses, potentially more than the fund's principal investment. Risks of these transactions are different from and possibly greater than risks of investing directly in securities and other traditional instruments. Under certain market conditions, derivatives could become harder to value or sell and may become subject to liquidity risk (i.e., the inability to enter into closing transactions). Derivatives and other strategic transactions that the fund intends to utilize include: foreign currency forward contracts, futures contracts, options, options on futures, and currency options. Foreign currency forward contracts, futures contracts, and options generally are subject to counterparty risk. Derivatives associated with foreign currency transactions are subject to currency risk.

High portfolio turnover risk. Trading securities actively and frequently can increase transaction costs (thus lowering performance) and taxable distributions.

Information technology companies risk. Information technology companies can be significantly affected by rapid obsolescence, short product cycles, competition from new market entrants, and heightened cybersecurity risk, among other factors.

Investment company securities risk. Fund shareholders indirectly bear their proportionate share of the expenses of any investment company in which the fund invests. The total return on such investments will be reduced by the operating expenses and fees of such other investment companies, including advisory fees.

Large company risk. Larger companies may grow more slowly than smaller companies or be slower to respond to business developments. Large-capitalization securities may underperform the market as a whole.

Liquidity risk. The extent (if at all) to which a security may be sold or a derivative position closed without negatively impacting its market value may be impaired by reduced market activity or participation, legal restrictions, or other economic and market impediments.

Operational and cybersecurity risk. Cybersecurity breaches may allow an unauthorized party to gain access to fund assets, customer data, or proprietary information, or cause a fund or its service providers to suffer data corruption or lose operational functionality. Similar incidents affecting issuers of a fund's securities may negatively impact performance. Operational risk may arise from human error, error by third parties, communication errors, or technology failures, among other causes.

Preferred and convertible securities risk. Preferred stock dividends are payable only if declared by the issuer's board. Preferred stock may be subject to redemption provisions. The market values of convertible securities tend to fall as interest rates rise and rise as interest rates fall. Convertible preferred stock's value can depend heavily upon the underlying common stock's value.

Sector risk. When a fund focuses its investments in certain sectors of the economy, its performance may be driven largely by sector performance and could fluctuate more widely than if the fund were invested more evenly across sectors.

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Small and mid-sized company risk. Small and mid-sized companies are generally less established and may be more volatile than larger companies. Small and/or mid-capitalization securities may underperform the market as a whole.

Warrants risk. The prices of warrants may not precisely reflect the prices of their underlying securities. Warrant holders do not receive dividends or have voting or credit rights. A warrant ceases to have value if not exercised prior to its expiration date.

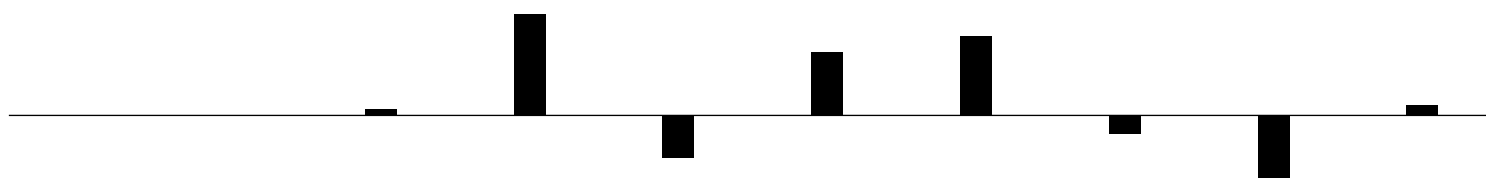
Past performance

The following information illustrates the variability of the fund's returns and provides some indication of the risks of investing in the fund by showing changes in the fund's performance from year to year and by showing how the fund's average annual returns compared with a broad-based market index. Past performance (before and after taxes) does not indicate future results. All figures assume dividend reinvestment. Performance information is updated daily, monthly, and quarterly and may be obtained at our website, jhinvestments.com, or by calling 800-225-5291 (Class A and Class C), Monday to Thursday, 8:00 A.M.—7:00 P.M., and Friday, 8:00 A.M.—6:00 P.M., Eastern time, or 888-972-8696 (Class I, Class R2, Class R4, and Class R6) between 8:30 A.M. and 5:00 P.M., Eastern time, on most business days.

Please note that after-tax returns (shown for Class A shares only) reflect the highest individual federal marginal income-tax rate in effect as of the date provided and do not reflect any state or local taxes. Your actual after-tax returns may be different. After-tax returns are not relevant to shares held in an IRA, 401(k), or other tax-advantaged investment plan. After-tax returns for other share classes would vary.

Calendar year total returns (%)—Class A (sales charges are not reflected in the bar chart and returns would have been lower if they were)

	2016	2017	2018	2019	2020	2021	2022	2023
	2.53	41.57	-17.18	26.06	32.37	-7.74	-27.56	4.18



Best quarter:	Q2 2020	28.31%
Worst quarter:	Q1 2020	-22.94%

Average annual total returns (%)—as of 12/31/2023	1 year	5 year	Since inception 06/16/2015
Class A (before tax)	-1.02	2.00	1.40
after tax on distributions	-1.05	1.27	0.78
after tax on distributions, with sale	-0.13	1.86	1.29
Class C	2.43	2.34	1.31
Class I	4.48	3.36	2.31
Class R2	4.45	3.13	2.11
Class R4	4.41	3.30	2.24
Class R6	4.59	3.49	2.42
MSCI Emerging Markets Index (reflects no deduction for fees, expenses, or taxes, except foreign withholding taxes on dividends)	9.83	3.69	3.11

Investment management

Investment advisor John Hancock Investment Management LLC

Subadvisor Manulife Investment Management (US) LLC

Portfolio management

The following individuals are jointly and primarily responsible for the day-to-day management of the fund's portfolio.

Bryony Deuchars, CFA, FCA

Portfolio Manager

Managed the fund since 2023

David Dugdale, PhD, CFA

Portfolio Manager

Managed the fund since 2015

Charlie Dutton

Senior Portfolio Manager

Managed the fund since 2024

Philip Ehrmann¹

Senior Portfolio Manager

Managed the fund since 2018

Kathryn Langridge

Senior Portfolio Manager

Managed the fund since 2015

Bhupinder Sachdev, CFA

Portfolio Manager

Managed the fund since 2023

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Talib Saifee

Portfolio Manager

Managed the fund since 2021

¹ Effective March 31, 2024, Philip Ehrmann will no longer serve as a senior portfolio manager of the fund.

Purchase and sale of fund shares

The minimum initial investment requirement for Class A and Class C shares is \$1,000 (\$250 for group investments), except that there is no minimum for certain group retirement plans, certain fee-based or wrap accounts, or certain other eligible investment product platforms. The minimum initial investment requirement for Class I shares is \$250,000, except that the fund may waive the minimum for any category of investors at the fund's sole discretion. There are no minimum initial investment requirements for Class R2 or Class R4 shares. The minimum initial investment requirement for Class R6 shares is \$1 million, except that there is no minimum for: qualified and nonqualified plan investors; certain eligible qualifying investment product platforms; Trustees, employees of the advisor or its affiliates, employees of the subadvisor, members of the fund's portfolio management team and the spouses and children (under age 21) of the aforementioned. There are no subsequent minimum investment requirements.

Class A, Class C, Class I, and Class R6 shares may be redeemed on any business day by mail: John Hancock Signature Services, Inc., P.O. Box 219909, Kansas City, MO 64121-9909; or for most account types through our website: jhinvestments.com; or by telephone: 800-225-5291 (Class A and Class C); 888-972-8696 (Class I and Class R6). Class R2 and Class R4 shares may be redeemed on any business day by contacting your retirement plan administrator or recordkeeper.

Taxes

The fund's distributions are taxable, and will be taxed as ordinary income and/or capital gains, unless you are investing through a tax-deferred arrangement, such as a 401(k) plan or individual retirement account. Withdrawals from such tax-deferred arrangements may be subject to tax at a later date.

Payments to broker-dealers and other financial intermediaries

If you purchase the fund through a broker-dealer or other financial intermediary (such as a bank, registered investment advisor, financial planner, or retirement plan administrator), the fund and its related companies may pay the broker-dealer or other intermediary for the sale of fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the fund over another investment. These payments are not applicable to Class R6 shares. Ask your salesperson or visit your financial intermediary's website for more information.



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