

Summary prospectus

John Hancock International Growth 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 August 1, 2024, as may be supplemented, and most recent financial highlights information included in the shareholder report, dated March 31, 2024, are incorporated by reference into this summary prospectus.

Tickers

A: GOIGX C: GONCX I: GOGIX R2: JHIGX R4: JIGIX R6: JIGTX

Investment objective

To seek high total return primarily through capital appreciation.

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 20 of the prospectus under "Sales charge reductions and waivers" or page 101 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	0.81	0.81	0.81	0.81	0.81	0.81
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	0.10	0.00
Additional other expenses	0.21	0.21	0.21	0.10	0.10	0.10
Total other expenses	0.21	0.21	0.21	0.35	0.20	0.10
Total annual fund operating expenses	1.32	2.02	1.02	1.41	1.26	0.91
Contractual expense reimbursement	0.00	0.00	0.00	-0.01 ¹	-0.11 ^{1,2}	-0.01 ¹
Total annual fund operating expenses after expense reimbursements	1.32	2.02	1.02	1.40	1.15	0.90

1 The advisor 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 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, 2026, unless renewed by mutual agreement of the fund and the advisor based upon a determination that this is appropriate under the circumstances at that time.

- 2 The distributor contractually agrees to limit its Rule 12b-1 fees for Class R4 shares to 0.15%. This agreement expires on July 31, 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	143	117	92	205
3 years	897	634	325	445	389	289	634
5 years	1,187	1,088	563	770	681	503	1,088
10 years	2,011	2,168	1,248	1,690	1,513	1,119	2,168

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 50% of the average value of its portfolio.

Principal investment strategies

The manager seeks to achieve the fund’s investment objective by investing in equity investments that the manager believes will provide higher returns than the MSCI All Country World ex-USA Growth Index.

Under normal market conditions, the fund invests at least 80% of its total assets in equity investments.

The fund primarily invests in a diversified portfolio of equity securities of foreign companies in a number of developed and emerging markets outside of the U.S. The fund defines foreign companies as companies: (i) that are organized under the laws of a foreign country; (ii) whose principal trading market is in a foreign country; or (iii) that have a majority of their assets, or that derive a majority of their revenue or profits, from businesses, investments or sales outside of the United States. Although the fund may invest in companies of any market-capitalization, the fund typically invests in companies with a market capitalization over \$3 billion. The fund may focus its investments in a particular sector or sectors of the economy.

The manager’s investment process generally begins with the broad universe of securities included in international equity indices, including China A-shares available through Stock Connect or other mutual market access programs. To focus its research, the manager reduces the broad investable universe to a sub-universe by eliminating all companies with expected future free cash flow margins, returns on capital employed and revenue growth below a certain minimum threshold, along with stocks trading at an exaggerated valuation. “Free cash flow” is defined as the cash that is available to a company after paying out the money needed to maintain or expand its operations. For all companies remaining in the sub-universe, the manager ranks securities on a relative basis across the following metrics: (i) quality; (ii) growth; (iii) valuation; (iv) capital returns; and (v) earnings revisions.

The manager monitors and ranks securities based on their relative attractiveness across this universe. For stocks that compare well in this screening process, further detailed analysis is conducted. Purchase candidates are securities that are attractive on a majority of the metrics noted above, and have a positive catalyst such as accelerating earnings or revenue growth. The fund may trade securities actively.

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.*

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.

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.

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.

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.

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

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.

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.

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.

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.

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 securities market index. Past performance (before and after taxes) does not indicate future results. The MSCI ACWI ex USA Growth Index and MSCI EAFE Index show how the fund's performance compares against the returns of similar investments. 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.

A note on performance

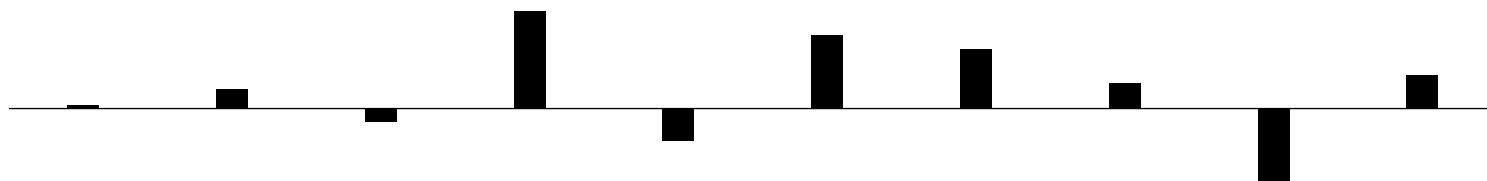
Class A, Class R2, Class R4, and Class R6 shares commenced operations on June 12, 2006, March 27, 2015, March 27, 2015, and March 27, 2015, respectively. Returns shown prior to a class's commencement date are those of Class A shares, except that they do not include sales charges and would be lower if they did. Returns for Class R2, Class R4, and Class R6 shares would have been substantially similar to returns of Class A shares because each share class is invested in the same portfolio of securities and returns would differ only to the extent that expenses of the classes are different. To the extent expenses of a class would have been higher than expenses of Class A shares for the periods shown, performance would have been lower.

Prior to the close of business on July 15, 2014, the fund was managed by a different subadvisor pursuant to different investment strategies, and thus, the performance presented prior to this date should not be attributed to the current subadvisor. The fund's performance shown below might have differed materially had the current subadvisor managed the fund prior to the close of business on July 15, 2014.

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)

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
1.27	7.10	-5.12	36.25	-12.27	27.45	22.08	9.60	-26.94	12.52



Year-to-date total return through:	Q2 2024	8.70%
Best quarter:	Q2 2020	19.28%
Worst quarter:	Q1 2020	-18.15%

Average annual total returns (%)—as of 12/31/2023

	1 year	5 year	10 year
Class A (before tax)	6.91	5.89	5.06
after tax on distributions	6.65	4.63	3.91
after tax on distributions, with sale	4.85	4.83	3.97
Class C	10.73	6.24	4.85

Average annual total returns (%)—as of 12/31/2023	1 year	5 year	10 year
Class I	12.90	7.31	5.92
Class R2	12.43	6.89	5.51
Class R4	12.73	7.17	5.74
Class R6	13.03	7.43	5.99
MSCI ACWI ex USA Index (reflects no deduction for fees, expenses, or taxes, except foreign withholding taxes on dividends) ¹	15.62	7.08	3.83
MSCI ACWI ex USA Growth Index (reflects no deduction for fees, expenses, or taxes, except foreign withholding taxes on dividends)	14.03	7.49	4.55
MSCI EAFE Index (reflects no deduction for fees, expenses, or taxes, except foreign withholding taxes on dividends)	18.24	8.16	4.28

¹ The fund has designated the MSCI ACWI ex-USA Index as its new broad-based securities market index in accordance with the revised definition for such an index.

Investment management

Investment advisor John Hancock Investment Management LLC
Subadvisor Wellington Management Company LLP

Portfolio management

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

Alvaro Llaveró
Senior Managing Director and Equity Portfolio Manager
Managed the fund since 2021

Zhaohuan (Terry) Tian, CFA
Senior Managing Director and Equity Portfolio Manager
Managed the fund since 2021

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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