Prospectus Supplement

John Hancock Funds II
New Opportunities Fund

Supplement dated March 27, 2025 to the current Summary Prospectus, as may be supplemented (the Summary Prospectus)

At its meeting held on March 24-27, 2025, the Board of Trustees (the Board) of John Hancock Funds II, of which New Opportunities Fund (New Opportunities) is a series, voted to recommend that the shareholders of New Opportunities approve a reorganization, that is expected to be tax-free, of New Opportunities into Small Cap Dynamic Growth Fund (Small Cap Dynamic Growth, and together with New Opportunities, the funds), also a series of John Hancock Funds II, as described below (the Reorganization). Shareholders of record as of May 9, 2025, will be entitled to vote on the Reorganization.

Under the terms of the Reorganization, subject to shareholder approval at a shareholder meeting scheduled to be held on or about August 15, 2025, New Opportunities would transfer all of its assets to Small Cap Dynamic Growth in exchange for corresponding shares of Small Cap Dynamic Growth. Small Cap Dynamic Growth would assume substantially all liabilities of New Opportunities. The corresponding shares of Small Cap Dynamic Growth would then be distributed to shareholders of New Opportunities, and New Opportunities would be terminated. If approved by shareholders of New Opportunities, the Reorganization is expected to occur as of the close of business on or about August 22, 2025 (the Closing Date). Further information regarding the proposed Reorganization will be contained in a proxy statement and prospectus, which is expected to be available on or about May 27, 2025.

New Opportunities will remain open to purchases and redemptions from existing shareholders until the Closing Date. New Opportunities will not accept orders from new investors to purchase shares of New Opportunities, effective as of the close of business on April 28, 2025. However, discretionary fee-based advisory programs, certain retirement accounts and/or model portfolios that include New Opportunities as an investment option as of the close of business April 28, 2025, may continue to make New Opportunities shares available to new and existing accounts.

Prior to the Reorganization, any dividends paid will be paid in accordance with the current dividend option of an account; accounts in which the dividend reinvestment option has been chosen will receive any dividends in the form of additional shares of New Opportunities.

To satisfy an Internal Revenue Service requirement, New Opportunities hereby designates the maximum amount of the net long-term gains earned, if any, as a capital gain dividend, with respect to the final taxable year for New Opportunities. Please refer to Form 1099-DIV for tax reporting purposes.

The foregoing is not an offer to sell, nor a solicitation of an offer to buy, any shares in connection with the Reorganization, nor is it a solicitation of any proxy. For important information regarding New Opportunities or Small Cap Dynamic Growth, or to receive a free copy of the proxy statement/prospectus relating to the proposed merger, once it is available, please call the funds' toll-free telephone number: 800-225-5291 (Class A and Class C) or 888-972-8696 (Class I, Class R2, Class R4 and Class R6). The proxy statement/prospectus contains important information about fund objectives, strategies, fees, expenses, risks, and the Board's considerations in approving the Reorganization. The proxy statement/prospectus also will be available for free on the SEC's website (www.sec.gov). Please read the proxy statement/prospectus carefully before making any decision to invest in any shares in connection with the Reorganization or when considering whether to vote for the Reorganization.

You should read this supplement in conjunction with the Summary Prospectus and retain it for your future reference.

Summary prospectus

John Hancock New Opportunities 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 January 1, 2025, as may be supplemented, and most recent financial highlights information included in the shareholder report, dated August 31, 2024, are incorporated by reference into this summary prospectus.

Tickers

A: JASOX C: JBSOX I: JHSOX R2: JSSOX R4: JUSOX R6: JWSOX

Investment objective

The fund seeks long-term 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 22 of the prospectus under "Sales charge reductions and waivers" or page 144 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	0.73	0.73	0.73	0.73	0.73	0.73
Distribution and service (Rule 12b-1) fees	0.25	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	0.24	0.24	0.24	0.13	0.13	0.13
Total other expenses	0.24	0.24	0.24	0.38	0.23	0.13
Total annual fund operating expenses	**1.22**	**1.97**	**0.97**	**1.36**	**1.21**	**0.86**
Contractual expense reimbursement	-0.01[2]	-0.01[2]	-0.01[2]	-0.01[2]	-0.11[2,3]	-0.01[2]
Total annual fund operating expenses after expense reimbursements	**1.21**	**1.96**	**0.96**	**1.35**	**1.10**	**0.85**

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

2 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.

3 The distributor contractually agrees to limit its Rule 12b-1 fees for Class R4 shares to 0.15%. This agreement expires on December 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:

	Shares Sold						Shares Not Sold
Expenses ($)	**A**	**C**	**I**	**R2**	**R4**	**R6**	**C**
1 year	617	299	98	137	112	87	199
3 years	867	617	308	430	373	273	617
5 years	1,136	1,061	535	744	654	476	1,061
10 years	1,903	2,101	1,189	1,634	1,456	1,060	2,101

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 15% of the average value of its portfolio.

Principal investment strategies

Under normal circumstances, the fund invests at least 80% of its assets in equity securities of small-capitalization U.S. companies. The fund primarily invests in common stock and preferred stock of U.S. small-capitalization companies. Small-capitalization companies are those with a market capitalization at the time of purchase of less than $5 billion or otherwise within the range of capitalizations of companies in the Russell 2000 Index, the S&P SmallCap 600 Index, or the Dow Jones U.S. Small-Cap Total Stock Market Index. Capitalization ranges will change over time. The fund may invest in any economic sector, and at times may emphasize one or more particular sectors.

The fund also may invest in: (a) securities of foreign issuers, including foreign issuers located in emerging markets, either directly through investments in foreign currency-denominated securities traded outside of the U.S. or indirectly through depositary receipts; (b) real estate investment trusts (REITs); (c) initial public offerings (IPOs); and (d) master limited partnerships (MLPs).

The manager utilizes fundamental research and bottom-up stock selection to identify undervalued small cap companies with sustainable earnings growth, and whose management is focused on enhancing value for shareholders. The manager seeks to hold securities for the long term. The manager focuses on quality small-cap companies with sound management and long-term sustainable growth, regardless of style. In selecting companies, the manager looks for firms with the following key attributes:

- Experienced, tenured, high-quality management
- Business models that deliver consistent long-term growth
- Leading companies in attractive and defensible niche markets
- Strong financial characteristics; and
- Appropriate valuation.

Various factors may lead the manager to consider selling a particular security, such as a significant change in the relevant company's senior management or its products, deterioration in its fundamental characteristics, if the company has corporate governance issues, or if the manager believes that the security has become overvalued.

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. Depositary receipts are subject to most of the risks associated with investing in foreign securities directly because the value of a depositary receipt is dependent upon the market price of the underlying foreign equity security. Depositary receipts are also subject to liquidity risk.

Healthcare sector risk. Health sciences companies may be significantly affected by product obsolescence, thin capitalization, limited product lines and markets, civil liability claims, and legislative or regulatory activities, among other factors.

Initial public offerings (IPOs) risk. IPO share prices are frequently volatile and may significantly impact fund performance.

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

Master limited partnership (MLP) risk. MLPs generally reflect the risks associated with their underlying assets and with pooled investment vehicles. MLPs with credit-related holdings are subject to interest-rate risk and risk of default.

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.

Real estate investment trust (REIT) risk. REITs, pooled investment vehicles that typically invest in real estate directly or in loans collateralized by real estate, carry risks associated with owning real estate, including the potential for a decline in value due to economic or market conditions.

Real estate securities risk. Securities of companies in the real estate industry carry risks associated with owning real estate, including the potential for a decline in value due to economic or market conditions.

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 Russell 2000 Growth Index shows 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

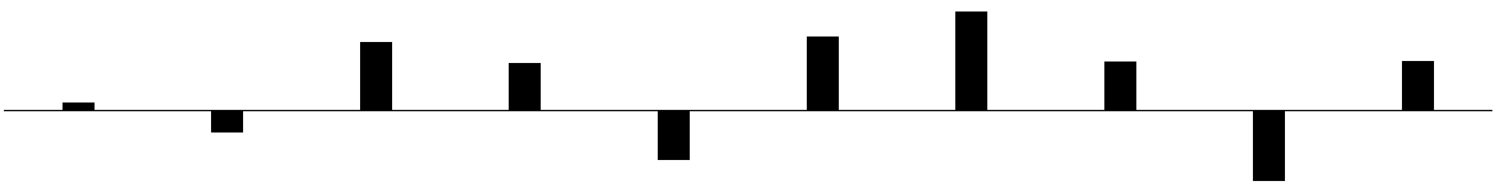
Prior to September 27, 2014, the fund was managed by subadvisors other than the fund's current subadvisor, GW&K Investment Management, LLC (GW&K) pursuant to a different investment strategy. From September 27, 2014 to September 6, 2019, the fund was managed by Brandywine Global Investment Management, LLC, Dimensional Fund Advisors LP, and GW&K pursuant to a multi-manager investment strategy. Effective on September 6, 2019, GW&K became the fund's sole subadvisor. The performance information presented for periods prior to September 6, 2019, reflects management of the fund consistent with investment strategies in effect during those periods and might have been different if the fund's investments had been managed under its current investment strategies solely by GW&K.

Class NAV, Class A, Class C, Class I, Class R2, Class R4, and Class R6 shares commenced operations on October 17, 2005, May 27, 2015, May 27, 2015, May 27, 2015, May 27, 2015, May 27, 2015, and May 27, 2015, respectively. Returns shown prior to a class's commencement date are those of Class NAV shares, except that they include any sales charges. Returns for Class A, Class C, Class I, Class R2, Class R4, and Class R6 shares would have been substantially similar to returns of Class NAV 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 NAV shares for the periods shown, performance would have been lower.

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
2.36	-6.33	19.96	13.83	-14.41	21.57	28.90	14.31	-20.57	14.44



Year-to-date total return through:	Q3 2024	7.31%
Best quarter:	Q2 2020	29.50%
Worst quarter:	Q1 2020	-25.77%

Average annual total returns (%)—as of 12/31/2023	**1 year**	**5 year**	**10 year**
Class A (before tax)	8.74	9.12	5.65
after tax on distributions	7.53	7.65	3.57
after tax on distributions, with sale	6.03	7.12	3.96
Class C	12.62	9.42	5.54
Class I	14.75	10.52	6.45
Class R2	14.44	10.23	6.24
Class R4	14.66	10.45	6.39
Class R6	14.87	10.64	6.54
Russell 3000 Index (reflects no deduction for fees, expenses, or taxes)[1]	25.96	15.16	11.48
Russell 2000 Growth Index (reflects no deduction for fees, expenses, or taxes)	18.66	9.22	7.16

1 The fund has designated the Russell 3000 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 GW&K Investment Management, LLC (GW&K)

Portfolio management

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

Joseph C. Craigen, CFA
Partner and Equity Portfolio Manager
Managed the fund since 2014

Daniel L. Miller, CFA
Partner and Director of Equities
Managed the fund since 2014

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.

John Hancock Investment Management

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A company of Manulife Investment Management

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