

John Hancock  
International Dynamic Growth Fund

Quarterly portfolio holdings 7/31/2022

# Fund's investments

## As of 7-31-22 (unaudited)

|   | Shares  | Value                |
|---|---------|----------------------|
| <b>Common stocks 96.2%</b>                  |         | <b>\$321,158,001</b> |
| (Cost \$330,053,104)                        |         |                      |
| <b>Australia 2.9%</b>                       |         | <b>9,787,692</b>     |
| Macquarie Group, Ltd.                       | 38,777  | 4,962,810            |
| Woodside Energy Group, Ltd.                 | 213,675 | 4,824,882            |
| <b>Canada 14.6%</b>                         |         | <b>48,842,547</b>    |
| Bank of Montreal (A)                        | 60,500  | 6,031,338            |
| Canadian National Railway Company           | 88,900  | 11,262,541           |
| Dollarama, Inc.                             | 101,880 | 6,174,618            |
| Loblaw Companies, Ltd.                      | 91,360  | 8,316,610            |
| Nutrien, Ltd.                               | 43,500  | 3,723,767            |
| TELUS Corp.                                 | 246,470 | 5,668,810            |
| The Toronto-Dominion Bank                   | 118,000 | 7,664,863            |
| <b>China 2.7%</b>                           |         | <b>8,915,101</b>     |
| Baidu, Inc., ADR (B)                        | 36,929  | 5,043,394            |
| Baidu, Inc., Class A (B)                    | 224,000 | 3,871,707            |
| <b>Denmark 3.7%</b>                         |         | <b>12,386,529</b>    |
| Novo Nordisk A/S, B Shares                  | 106,346 | 12,386,529           |
| <b>France 12.6%</b>                         |         | <b>42,031,208</b>    |
| Gaztransport Et Technigaz SA                | 24,128  | 3,327,817            |
| Hermes International                        | 2,552   | 3,501,189            |
| L'Oreal SA                                  | 18,338  | 6,932,787            |
| LVMH Moet Hennessy Louis Vuitton SE         | 18,888  | 13,114,916           |
| Sartorius Stedim Biotech                    | 11,282  | 4,513,228            |
| Teleperformance                             | 31,822  | 10,641,271           |
| <b>Germany 5.9%</b>                         |         | <b>19,683,536</b>    |
| Bayer AG                                    | 105,048 | 6,127,450            |
| Deutsche Boerse AG                          | 46,165  | 8,058,775            |
| Hensoldt AG                                 | 214,409 | 5,497,311            |
| <b>Ireland 1.5%</b>                         |         | <b>5,133,800</b>     |
| ICON PLC (B)                                | 21,280  | 5,133,800            |
| <b>Israel 2.0%</b>                          |         | <b>6,740,860</b>     |
| Check Point Software Technologies, Ltd. (B) | 54,100  | 6,740,860            |
| <b>Italy 1.4%</b>                           |         | <b>4,513,147</b>     |
| Davide Campari-Milano NV                    | 406,523 | 4,513,147            |
| <b>Japan 3.1%</b>                           |         | <b>10,245,613</b>    |
| BayCurrent Consulting, Inc.                 | 7,150   | 2,236,982            |
| Sony Group Corp.                            | 51,900  | 4,402,571            |
| Tokio Marine Holdings, Inc.                 | 61,600  | 3,606,060            |
| <b>Netherlands 6.0%</b>                     |         | <b>20,196,026</b>    |
| Adyen NV (B)(C)                             | 1,154   | 2,075,776            |
| ASML Holding NV                             | 8,522   | 4,898,070            |
| Universal Music Group NV                    | 147,994 | 3,350,055            |
| Wolters Kluwer NV                           | 90,902  | 9,872,125            |
| <b>Singapore 2.6%</b>                       |         | <b>8,673,255</b>     |
| DBS Group Holdings, Ltd.                    | 380,100 | 8,673,255            |

|   | Shares           | Value                |
|---|------------------|----------------------|
| <b>South Korea 0.3%</b>                               |                  | <b>\$834,870</b>     |
| Kia Corp.   | 13,335           | 834,870              |
| <b>Sweden 1.0%</b>                                    |                  | <b>3,468,706</b>     |
| Atlas Copco AB, A Shares                              | 146,618          | 1,713,872            |
| Epiroc AB, A Shares                                   | 47,571           | 841,136              |
| EQT AB  | 33,662           | 913,698              |
| <b>Switzerland 10.8%</b>                              |                  | <b>35,991,618</b>    |
| Alcon, Inc.   | 88,300           | 6,895,347            |
| Lonza Group AG  | 8,214            | 4,992,072            |
| Nestle SA   | 126,396          | 15,486,958           |
| Straumann Holding AG                                  | 5,827            | 788,105              |
| Zurich Insurance Group AG                             | 17,935           | 7,829,136            |
| <b>Taiwan 0.8%</b>                                    |                  | <b>2,592,464</b>     |
| Taiwan Semiconductor Manufacturing Company, Ltd., ADR | 29,300           | 2,592,464            |
| <b>United Kingdom 20.4%</b>                           |                  | <b>68,241,926</b>    |
| Anglo American PLC                                    | 25,073           | 906,264              |
| Ashtead Group PLC                                     | 28,558           | 1,607,528            |
| AstraZeneca PLC, ADR                                  | 191,100          | 12,656,553           |
| BAE Systems PLC                                       | 773,306          | 7,268,132            |
| Compass Group PLC                                     | 86,990           | 2,038,745            |
| Croda International PLC                               | 68,620           | 6,275,323            |
| Diageo PLC  | 211,376          | 10,013,310           |
| London Stock Exchange Group PLC                       | 71,279           | 6,956,334            |
| Reckitt Benckiser Group PLC                           | 126,221          | 10,238,425           |
| Rentokil Initial PLC                                  | 507,282          | 3,349,577            |
| Shell PLC   | 259,845          | 6,931,735            |
| <b>United States 3.9%</b>                             |                  | <b>12,879,103</b>    |
| Microsoft Corp.                                       | 41,100           | 11,538,414           |
| NVIDIA Corp.  | 1,504            | 273,172              |
| ServiceNow, Inc. (B)                                  | 2,390            | 1,067,517            |
| <b>Exchange-traded funds 2.6%</b>                     |                  | <b>\$8,628,096</b>   |
| (Cost \$9,719,471)                                    |                  |                      |
| iShares Core MSCI EAFE ETF                            | 47,700           | 2,959,785            |
| iShares Core MSCI Total International Stock ETF       | 95,700           | 5,668,311            |
|   | <b>Yield (%)</b> | <b>Shares</b>        |
| <b>Short-term investments 1.9%</b>                    |                  | <b>\$6,423,292</b>   |
| (Cost \$6,423,675)                                    |                  |                      |
| <b>Short-term funds 1.9%</b>                          |                  | <b>6,423,292</b>     |
| John Hancock Collateral Trust (D)                     | 1.9943(E)        | 642,567              |
| <b>Total investments (Cost \$346,196,250) 100.7%</b>  |                  | <b>\$336,209,389</b> |
| <b>Other assets and liabilities, net (0.7%)</b>       |                  | <b>(2,340,910)</b>   |
| <b>Total net assets 100.0%</b>                        |                  | <b>\$333,868,479</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) All or a portion of this security is on loan as of 7-31-22. The value of securities on loan amounted to \$6,117,230.

(B) Non-income producing security.

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

(E) The rate shown is the annualized seven-day yield as of 7-31-22.

The fund had the following sector composition as a percentage of net assets on 7-31-22:

|                                  |               |
|----------------------------------|---------------|
| Financials                       | 19.1%         |
| Consumer staples                 | 16.6%         |
| Industrials                      | 16.3%         |
| Health care                      | 16.0%         |
| Consumer discretionary           | 8.9%          |
| Information technology           | 8.8%          |
| Communication services           | 5.4%          |
| Energy                           | 4.5%          |
| Materials                        | 3.2%          |
| Short-term investments and other | 1.2%          |
| <b>TOTAL</b>                     | <b>100.0%</b> |

## Notes to Fund's investments (unaudited)

**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. 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 July 31, 2022, by major security category or type:

|                                   | Total<br>value at<br>7-31-22 | Level 1<br>quoted<br>price | Level 2<br>significant<br>observable<br>inputs | Level 3<br>significant<br>unobservable<br>inputs |
|-----------------------------------|------------------------------|----------------------------|--|--|
| <b>Investments in securities:</b> |                              |                            |  |  |
| <b>Assets</b>                     |                              |                            |  |  |
| <b>Common stocks</b>              |                              |                            |  |  |
| Australia                         | \$9,787,692                  | —                          | \$9,787,692                                    | —  |
| Canada                            | 48,842,547                   | \$48,842,547               | —  | —  |
| China                             | 8,915,101                    | 5,043,394                  | 3,871,707                                      | —  |
| Denmark                           | 12,386,529                   | —                          | 12,386,529                                     | —  |
| France                            | 42,031,208                   | —                          | 42,031,208                                     | —  |
| Germany                           | 19,683,536                   | —                          | 19,683,536                                     | —  |
| Ireland                           | 5,133,800                    | 5,133,800                  | —  | —  |
| Israel                            | 6,740,860                    | 6,740,860                  | —  | —  |
| Italy                             | 4,513,147                    | —                          | 4,513,147                                      | —  |
| Japan                             | 10,245,613                   | —                          | 10,245,613                                     | —  |
| Netherlands                       | 20,196,026                   | —                          | 20,196,026                                     | —  |
| Singapore                         | 8,673,255                    | —                          | 8,673,255                                      | —  |
| South Korea                       | 834,870                      | —                          | 834,870  | —  |
| Sweden                            | 3,468,706                    | —                          | 3,468,706                                      | —  |
| Switzerland                       | 35,991,618                   | 6,895,347                  | 29,096,271                                     | —  |
| Taiwan                            | 2,592,464                    | 2,592,464                  | —  | —  |
| United Kingdom                    | 68,241,926                   | 12,656,553                 | 55,585,373                                     | —  |
| United States                     | 12,879,103                   | 12,879,103                 | —  | —  |

|  | Total value at 7-31-22 | Level 1 quoted price | Level 2 significant observable inputs | Level 3 significant unobservable inputs |
|--|------------------------|----------------------|---------------------------------------|---|
| (continued)                            |                        |                      |                                       |   |
| Exchange-traded funds                  | \$8,628,096            | \$8,628,096          | —                                     | —                                       |
| Short-term investments                 | 6,423,292              | 6,423,292            | —                                     | —                                       |
| <b>Total investments in securities</b> | <b>\$336,209,389</b>   | <b>\$115,835,456</b> | <b>\$220,373,933</b>                  | <b>—</b>                                |

**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 | 642,567             | \$6,736,135     | \$38,630,659      | \$(38,940,885)            | \$(2,493)            | \$(124)  | \$5,766                       | \$938                               | \$6,423,292  |

For additional information on the fund's significant accounting policies and risks, please refer to the fund's most recent semiannual or annual shareholder report and prospectus.