International equity fund Investor fact sheet

John Hancock Disciplined Value International Fund

A: JDIBX C: JDICX I: JDVIX R2: JDISX R4: JDITX R6: JDIUX

Summary

Objective
Long-term growth of capital

Use for
Core international holding

Morningstar category
Foreign Large Value

Strategy

All-weather international value fund
Seeks to outperform non-U.S. equity markets over time by limiting downside risk in falling markets while keeping pace in rising markets

Undervalued opportunities
Targets non-U.S. companies with attractive relative valuations, strong fundamentals, and positive business momentum

Veteran management team
More than 30 years of experience employing a time-tested investment process developed in the 1980s

Managed by[1]

BostonPartners

Christopher K. Hart, CFA
On the fund since 2011.
Investing since 1991

Joseph "Jay" F. Feeney, Jr., CFA
On the fund since 2011.
Investing since 1985

Joshua M. Jones, CFA
On the fund since 2013.
Investing since 2004

Morningstar ratings™[2]

Foreign Large Value

	Overall	3 year	5 year	10 year
Class I	★★★★	★★★★	★★★★	☆☆☆☆
Class A	★★★★	★★★★	★★★★	☆☆☆☆
Number of funds	331	331	307	191

Overall rating is based on 3-, 5-, and 10-year Morningstar Risk-Adjusted Returns and accounts for variation in a fund's monthly performance. Other share classes may be rated differently. Hollow stars indicate Morningstar's extended performance rating.

Average annual total returns[3,4]

%

	Qtd	Ytd	1 yr	3 yr	5 yr	10 yr	Life of fund	Life of fund date
Class I without sales charge	9.09	9.09	5.45	18.76	3.36	5.31	6.86	12/30/11
Class A without sales charge	9.02	9.02	5.12	18.47	3.07	5.05	6.63	12/30/11
Class A with sales charge	3.56	3.56	-0.14	16.47	2.02	4.52	6.14	12/30/11
MSCI EAFE Index	8.47	8.47	-1.38	12.99	3.52	5.00	6.52	—
Foreign large value category	7.34	7.34	-0.39	14.80	2.25	3.95	—	—

Expense ratios[5]	Gross	Net (what you pay)	Contractual through
Class I	0.96%	0.95%	7/31/2024
Class A	1.21%	1.20%	7/31/2024

The past performance shown here reflects reinvested distributions and the beneficial effect of any expense reductions, and does not guarantee future results. The sales charge for Class A shares, reflects the maximum sales charge of 5.0%. For Class I shares, there is no sales charge. Returns for periods shorter than one year are cumulative, and results for other share classes will vary. Shares will fluctuate in value and, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance cited. For the most recent month-end performance, visit jhinvestments.com.

1 Effective 12/31/23, Joseph F. Feeney, Jr. will no longer serve as a portfolio manager of the fund. **2** For each managed product, including mutual funds, variable annuity and variable life subaccounts, exchange-traded funds, closed-end funds, and separate accounts, with at least a 3-year history, Morningstar calculates a Morningstar Rating™ based on a Morningstar Risk-Adjusted Return that accounts for variation in a fund's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. Exchange-traded funds and open-end mutual funds are considered a single population for comparative purposes. The top 10.0% of funds in each category, the next 22.5%, 35.0%, 22.5%, and bottom 10.0% receive 5, 4, 3, 2, or 1 star(s), respectively. The overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its 3-, 5-, and 10-year (if applicable) Morningstar Rating metrics. The rating formula most heavily weights the 3-year rating, using the following calculation: 100% 3-year rating for 36 to 59 months of total returns, 60% 5-year rating/40% 3-year rating for 60 to 119 months of total returns, and 50% 10-year rating/30% 5-year rating/20% 3-year rating for 120 or more months of total returns. Star ratings do not reflect the effect of any applicable sales load. **Morningstar's extended performance** rating is calculated by adjusting the historical total returns of the oldest share class to reflect the fee structure of a younger share class, and then compounding the combined record of actual and adjusted performance into the 3-, 5-, and 10-year time periods necessary to produce Morningstar Risk-Adjusted Returns and a Morningstar Rating. Extended performance ratings do not affect actual Morningstar ratings; the overall ratings for multi-share class funds are based on actual performance only or extended performance only. Once a share class turns 3 years old, the overall Morningstar Rating will be based on actual ratings only. Adjusted historical performance is only an approximation of actual returns, and Morningstar's calculation methodology may differ from those used by other entities. Past performance does not guarantee future results. **3** The MSCI Europe, Australasia, and Far East (EAFE) Index tracks the performance of publicly traded large- and mid-cap stocks of companies in those regions. It is not possible to invest directly in an index. **4** The fund is the successor to Robeco Boston Partners International Equity Fund (predecessor fund) and was first offered on 9/29/14. Returns prior to this date are those of the predecessor fund's institutional class shares, launched on 12/30/11, and may be higher than if adjusted to reflect the expenses of any other share classes. **5** "Net (what you pay)" represents the effect of a contractual fee waiver and/or expense reimbursement and is subject to change.

Growth of a hypothetical $10,000 investment[12]

Class I without sales charge – 1/1/12 – 3/31/23

Key facts

Total net assets	$2.41 b
Portfolio turnover (%)	70
Number of holdings	86
Benchmark	MSCI EAFE Net Total Return
Average market cap[6]	
Fund	$61.77 b
Benchmark	$84.14 b
Beta[7]	1.06
R-squared[8] **(%)**	91.40
Sharpe ratio[9]	0.17
Standard deviation[10] **(%)**	
Fund	19.40
Benchmark	17.49
Upside capture ratio[11] **(%)**	102.97
Downside capture ratio[11] **(%)**	102.76

Based on Class I shares for the five-year period.

Calendar year returns[12]

%

Class I without sales charge

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Disciplined Value International Fund	29.84	-5.10	1.83	-0.29	25.23	-18.57	15.44	4.75	12.90	-4.98
MSCI EAFE Index	22.78	-4.90	-0.81	1.00	25.03	-13.79	22.01	7.82	11.26	-14.45
Foreign large value category	21.00	-6.13	-3.30	3.09	22.37	-15.40	18.03	1.01	11.77	-9.24

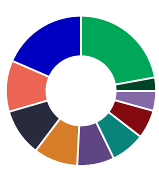
10 largest holdings[13]

%

1.	Renesas Electronics Corp.	3.05	6.	BAE Systems PLC	2.40
2.	AstraZeneca PLC	2.91	7.	Alibaba Group Holding, Ltd.	2.35
3.	Fidelity Government Portfolio 4.760%, 12/31/2099	2.77	8.	Stellantis NV	2.06
4.	STMicroelectronics NV	2.72	9.	Suncor Energy, Inc.	2.04
5.	Booking Holdings, Inc.	2.45	10.	TotalEnergies SE	2.01

10 largest countries[13]

%



United Kingdom	19.33	Germany	6.99
Japan	16.13	United States	6.42
France	9.64	Netherlands	5.37
Canada	8.88	Ireland	3.71
Switzerland	8.30	Singapore	2.54

What you should know before investing

Foreign investing, especially in emerging markets, has additional risks, such as currency and market volatility and political and social instability. Value stocks may decline in price. Hedging and other strategic transactions may increase volatility and result in losses if not successful. Large company stocks could fall out of favor, and illiquid securities may be difficult to sell at a price approximating their value. The stock prices of small and midsize companies can change more frequently and dramatically than those of large companies. The fund may invest its assets in a small number of issuers. Performance could suffer significantly from adverse events affecting these issuers. Please see the fund's prospectus for additional risks.

Request a prospectus or summary prospectus from your financial professional, by visiting jhinvestments.com, or by calling us at 800-225-5291. The prospectus includes investment objectives, risks, fees, expenses, and other information that you should consider carefully before investing.

6 FactSet. Average market cap is based on a weighted average. **7** Beta measures the sensitivity of the fund to its benchmark. The beta of the market (as represented by the benchmark) is 1.00. Accordingly, a fund with a 1.10 beta is expected to have 10% more volatility than the market. **8** R-squared is a measurement that indicates how closely a fund's performance correlates with the performance of its benchmark index. R-squared can range from 0.00 to 1.00, with 1.00 indicating perfect correlation to the index. **9** Sharpe ratio is a measure of excess return per unit of risk, as defined by standard deviation. A higher Sharpe ratio suggests better risk-adjusted performance. **10** Standard deviation is a statistical measure of the historic volatility of a portfolio. It measures the fluctuation of a fund's periodic returns from the mean or average. The larger the deviation, the larger the standard deviation and the higher the risk. **11** Upside capture ratio measures a manager's performance in up markets relative to the market itself. Downside capture ratio measures a manager's performance in down markets relative to the market itself. **12** Performance data shown excludes fees and expenses. The performance data would be lower if such fees and expenses were included. Past performance does not guarantee future results. **13** Listed holdings reflect the largest portions of the fund's total and may change at any time. They are not recommendations to buy or sell any security. Data is expressed as a percentage of net assets and excludes cash and cash equivalents. Fund characteristics will vary over time.