

John Hancock Disciplined Value Mid Cap Fund

A: JVMAX ADV: JVMVX C: JVMCX I: JVMIX R2: JVMSX R4: JVMTX R6: JVMRX

Objective

Capital appreciation

Use for

Core mid-cap holding

Morningstar category

Mid-Cap Blend

Strategy

All-weather mid-cap value fund

Seeks to outperform over time by limiting downside risk in falling markets while keeping pace in rising markets

Undervalued opportunities

Targets mid-cap 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



Specialist in traditional value equity investing based on a time-tested investment process developed in the 1980s that emphasizes investing in companies with attractive value characteristics, strong business fundamentals, and positive business momentum



Joseph F. Feeney, Jr., CFA
On the fund since 2010.
Investing since 1985



Steven L. Pollack, CFA
On the fund since 2000.
Investing since 1984

Average annual total returns^{1,2}

	QTD	YTD	1 YEAR	3 YEAR	5 YEAR	10 YEAR	LIFE OF FUND	LIFE OF FUND DATE	%
Class I without sales charge	5.58	19.91	3.39	9.69	8.03	15.18	9.88	6/2/97	
Class A without sales charge	5.50	19.75	3.14	9.42	7.76	14.87	9.61	6/2/97	
Class A with sales charge	0.25	13.79	-2.02	7.57	6.66	14.28	9.36	6/2/97	
Russell Midcap Value Index	3.19	18.02	3.68	8.95	6.72	14.56	9.84	—	
Mid-cap blend category	3.09	17.47	2.23	10.08	5.77	12.44	8.29	—	
EXPENSE RATIOS ³		GROSS		NET (WHAT YOU PAY)		CONTRACTUAL THROUGH			
Class I		0.86%			0.85%			6/30/2020	
Class A		1.11%			1.10%			6/30/2020	

The past performance shown here reflects reinvested distributions and the beneficial effect of any expense reductions, and does not guarantee future results. With sales charge figures reflect the maximum sales charge, which is 5.0%. 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.

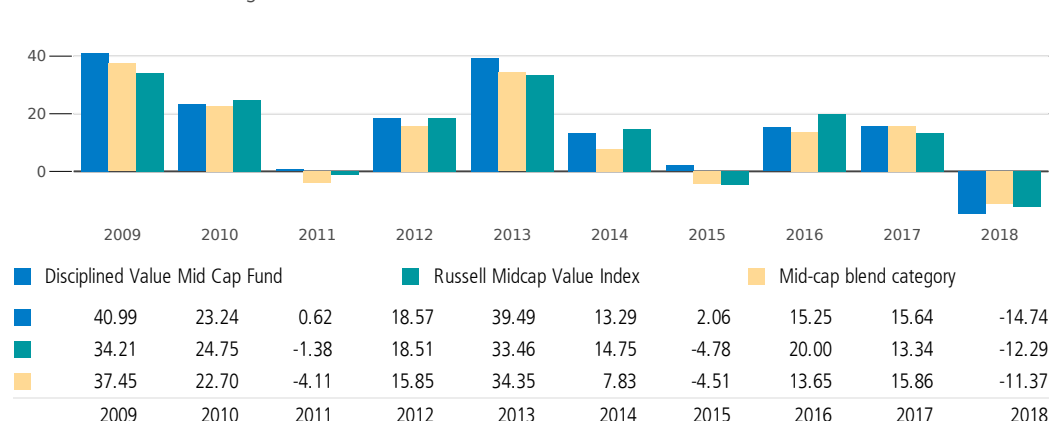
Growth of a hypothetical \$10,000 investment⁴

Class I without sales charge – 7/1/97 – 6/30/19



Calendar year returns

Class I without sales charge



¹ Returns prior to the commencement date of Class A and Class I shares are those of Robeco Boston Partners Mid Cap Value Fund (the predecessor fund) and have not been adjusted for expenses; otherwise, returns would vary. ² The Russell Midcap Value Index tracks the performance of publicly traded mid-cap companies with lower price-to-book ratios and lower forecasted growth values. It is not possible to invest directly in an index. ³ "Net (what you pay)" represents the effect of a fee waiver and/or expense reimbursement and is subject to change. ⁴ Performance data shown excludes fees and expenses. The performance data would be lower if such fees and expenses were included.

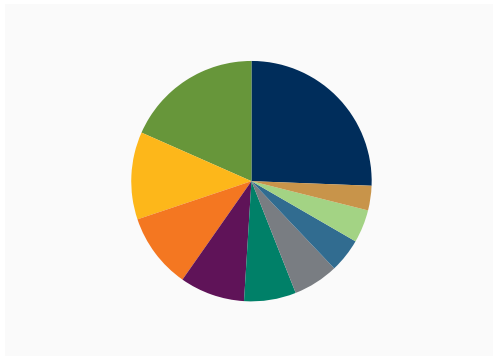
Morningstar ratings™⁵

Mid-Cap Blend

	OVERALL	3 YEAR	5 YEAR	10 YEAR
Class I	★★★★★	★★★★	★★★★	★★★★★
Class A	★★★★	★★★	★★★★	★★★★★
Number of funds	363	363	321	217

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.

Sector composition¹³



Financials	25.19
Industrials	18.08
Information Technology	11.57
Health Care	9.96
Real Estate	8.60
Utilities	6.87
Consumer Discretionary	5.99
Energy	4.49
Materials	4.36
Communication Services	3.25

10 largest holdings¹³

1. Alleghany Corp.	1.94	6. Reinsurance Group of America, Inc.	1.52
2. Discover Financial Services	1.88	7. Boston Properties, Inc.	1.47
3. TE Connectivity, Ltd.	1.74	8. Fidelity National Information Services, Inc.	1.46
4. AMETEK, Inc.	1.58	9. TD Ameritrade Holding Corp.	1.44
5. Aon PLC	1.55	10. Dover Corp.	1.42

Key facts

Total net assets	\$12.87 b
Portfolio turnover ⁶ (%)	53
Number of holdings	142
Benchmark	Russell Midcap Value Index
Average market cap ⁷	
Fund	\$19.01 b
Benchmark	\$15.67 b
Beta ⁸	1.05
R-squared ⁹ (%)	94.36
Sharpe ratio ¹⁰	0.53
Standard deviation ¹¹ (%)	
Fund	13.62
Benchmark	12.64
Upside capture ratio ¹² (%)	103.85
Downside capture ratio ¹² (%)	95.94

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

What you should know before investing

The stock prices of midsize and small companies can change more frequently and dramatically than those of large companies. Value stocks may decline in price. Foreign investing, especially in emerging markets, has additional risks, such as currency and market volatility and political and social instability. Large company stocks could fall out of favor, and illiquid securities may be difficult to sell at a price approximating their value. Please see the fund's prospectus for additional risks.

Request a prospectus or summary prospectus from your financial advisor, 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.

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5 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. **6** The portfolio turnover is as of the fund's fiscal year end and is subject to change. The fund's annual report includes further details regarding the portfolio turnover ratio. **7** FactSet. Average market cap is based on a weighted average. **8** 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. **9** R-squared measures what portion of the fund's return can be explained by variations against the broad market. A lower than 70.00% R-squared means the fund's performance is less dependent on market moves. **10** 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. **11** 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. **12** 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. **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.