U.S. equity fund Investment professional fact sheet

John Hancock Disciplined Value Fund

A: JVLAX C: JVLCX I: JVLIX R2: JDVPX R4: JDVFX R5: JDVVX R6: JDVWX

Objective

Long-term growth of capital

Strategy summary

Morningstar: Large Value
Benchmark: Russell 1000 Value Index
Strategy inception: 1/2/1997
Total net assets: $12.81 b
Typical holding period: 2–3 years
Typical holding range: 80–100 securities
Typical portfolio turnover range: 50%–80%

Strategy

All-weather value fund
Seeks to outperform over time by limiting downside risk in falling markets while keeping pace in rising markets

Undervalued opportunities
Targets large-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

Boston Partners

Mark E. Donovan, CFA
On the fund since 1997.
Investing since 1981

Joshua C. White, CFA
On the fund since 2021.
Investing since 2006

David T. Cohen, CFA
On the fund since 2018.
Investing since 2005

David J. Pyle, CFA
On the fund since 2008.
Investing since 1995

Investment process

Run quantitative screening
The universe of large-cap U.S. companies is ranked statistically based on a composite score of three factors:

- Valuation—Multiples of earnings, cash flow, and book value
- Fundamentals—Operating returns on operating assets
- Business momentum—Earnings surprises and estimate revisions

Conduct a fundamental analysis
Quantitative results are vetted through an in-depth review and analysis of each company:

- Valuation—How much are we paying?
- Fundamentals—What are we buying?
- Business momentum—Is the business improving or deteriorating?

Adhere to a sell discipline
A reversal of any one of the three factors triggers a sell decision. A position may be sold based on:

- Valuation—The stock price has reached its target
- Fundamentals—Fundamentals have weakened
- Business momentum—Momentum has turned negative

Average annual total returns[1,2,3]

%

	Qtd	Ytd	1 yr	3 yr	5 yr	10 yr	Life of fund	Life of fund date
Class I without sales charge	4.52	4.07	11.43	16.87	8.33	9.25	8.62	1/2/97
Class A without sales charge	4.51	3.99	11.16	16.60	8.07	8.98	8.28	1/16/97
Class A with sales charge	-0.70	-1.22	5.59	14.63	6.97	8.42	8.07	1/16/97
Russell 1000 Value Index	4.07	5.12	11.54	14.30	8.11	9.22	8.25	—
S&P 500 Index	8.74	16.89	19.59	14.60	12.31	12.86	9.00	—
Large value category	3.66	4.54	10.94	14.53	7.97	8.83	—	—

Expense ratios[4]	Gross	Net (what you pay)	Contractual through
Class I	0.76%	0.75%	7/31/2024
Class A	1.01%	1.00%	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 Returns prior to the commencement dates of Class A and Class I shares are those of Robeco Boston Partners Large Cap Value Fund (the predecessor fund) and have not been adjusted for expenses; otherwise, returns would vary. **2** The Russell 1000 Value Index tracks the performance of publicly traded large-cap companies in the United States with lower price-to-book ratios and lower forecasted growth values. The Russell 1000 Growth Index tracks the performance of publicly traded large-cap companies in the United States with higher price-to-book ratios and higher forecasted growth values. The S&P 500 Index tracks the performance of 500 of the largest publicly traded companies in the United States. The Purchasing Managers' Index (PMI) tracks the economic activity of the manufacturing sector in the United States. It is not possible to invest directly in an index. **3** Comparison against the benchmark and Morningstar category is based on Class I shares. **4** "Net (what you pay)" represents the effect of a contractual fee waiver and/or expense reimbursement and is subject to change.

Quarterly commentary

Highlights

- U.S. equities gained ground in the second quarter, but the value style lagged.
- The fund outperformed its benchmark, the Russell 1000 Value Index.
- Stock selection was the primary contributor to relative performance.

Market review and outlook

The U.S. financial markets delivered strong returns, adding to their gains in the first three months of the year. The U.S. Federal Reserve slowed its pace of rate hikes in response to cooling inflation, leading to improved market sentiment. Investors were further encouraged by the fact that economic growth and corporate earnings—while slowing—didn't decline to the extent that the markets had anticipated in late 2022. These factors combined to fuel an impressive gain for equities, but the majority of the positive return came from a small group of mega-cap technology-related companies. The value style underperformed growth as a result.

Contributors and detractors

Stock selection and sector allocation both made positive contributions to relative performance. With respect to selection, the fund produced the best results in financials, information technology, and healthcare. In financials, positions in Wells Fargo & Company and JP Morgan Chase & Company outperformed as investors grew confident that the two banks will be longer-term beneficiaries of the turmoil in the regional banking sector. In addition, both raised their forward guidance. The data services company FleetCor Technologies, Inc. was an additional contributor in financials. In information technology, the semiconductor equipment companies Applied Materials, Inc., Advanced Micro Devices, Inc., and Lam Research Corp. outperformed on emerging evidence that the inventory correction cycle has bottomed, setting the stage for improving revenues and profit margins. In healthcare, AmerisourceBergen rallied on the strength of an increase in pharmaceutical demand as patient volumes accelerated post-COVID-19. Alphabet, Inc. (parent of Google), which gained amid the broader rally in mega-cap technology-related stocks, was the leading overall contributor to second-quarter results.

Stock selection in the communication services, energy, and consumer discretionary sectors detracted. In communication services, the fund was hurt by having a zero weighting in Meta Platforms, Inc. (formerly Facebook). Marathon Petroleum Corp. was a notable laggard in energy as electric vehicles' rising market share fueled concerns about gasoline demands. In consumer discretionary, zero weightings in cruise line operators such as Carnival Corp. and Royal Caribbean Group, which rallied on expectations for stronger consumer spending, were the primary detractors. Our lack of a position in these stocks reflects our view that they have unattractive business fundamentals. Keurig Dr. Pepper Corp. and Bristol-Myers Squibb also lagged at a time of broader weakness for defensive stocks.

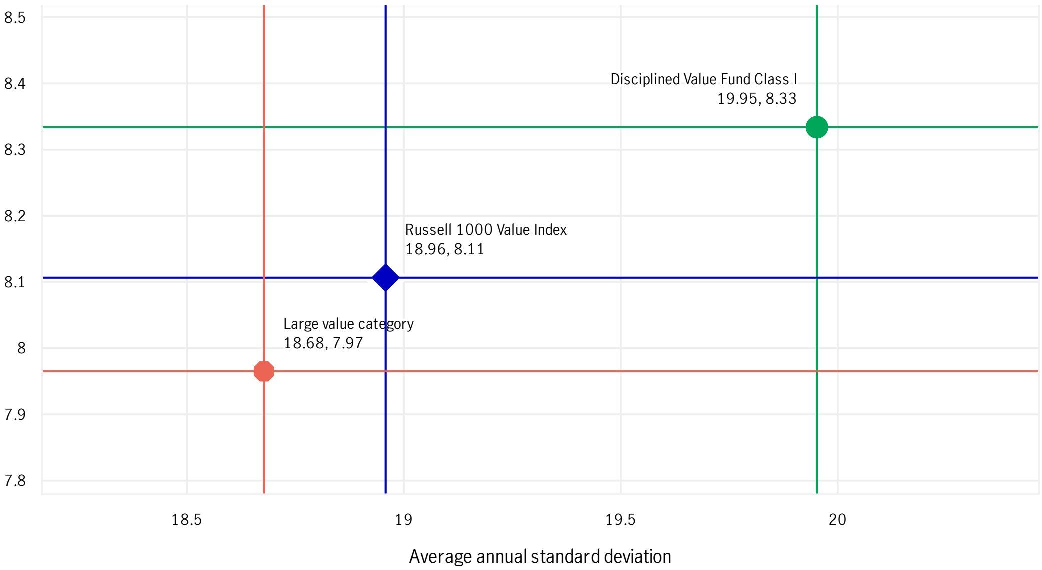
Portfolio changes

We increased the fund's weightings in the consumer staples and communication services sectors, and we reduced its allocations to financials and healthcare. In communication services, we added the advertising company Omnicom Group, Inc. The company is seeing a resurgence in spending on advertising in traditional media, contributing to an improvement in its sales growth. We lowered the fund's weighting in banks within the financials sector through sales of our positions in Bank of America Corp. and the regional bank Truist Financial Corp. In healthcare, we reduced its position in the pharmaceutical company Sanofi SA as it approached our price target.

Risk and return

%

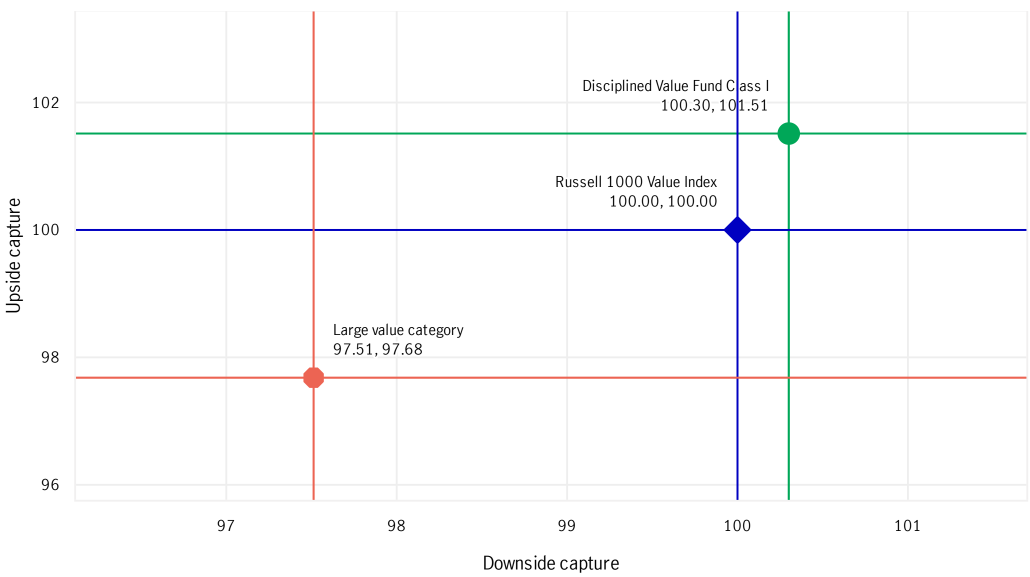
5 year (Std. deviation, return)



Upside/downside capture ratio

%

5 year (Downside, upside)



Risk and performance measures

5 year	Fund	Morningstar category
Alpha	0.02	-0.03
Beta	1.04	0.98
Sharpe ratio	0.42	0.43
Sortino ratio	0.62	0.62
Standard deviation (%)	19.95	18.68
Information ratio	0.13	-0.15
Tracking error (%)	3.18	1.23
Upside capture ratio (%)	101.51	97.68
Downside capture ratio (%)	100.30	97.51
R-squared (%)	97.61	99.59

Calculations are based on Class I shares.

Key facts

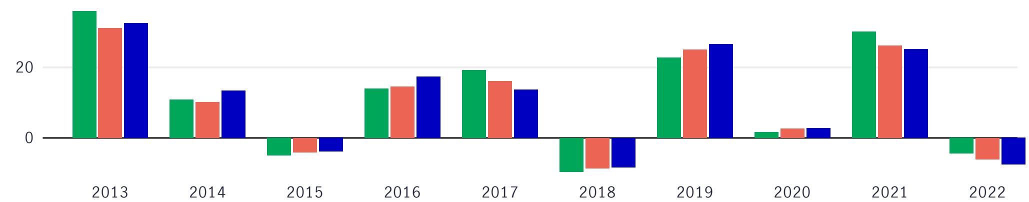
Portfolio turnover[5] (%)	43
Number of holdings	89
Average market cap	
Fund	$178.01 b
Benchmark	$137.77 b
P/E ratio (trailing)	
Fund	15.85x
Benchmark	16.17x
Price/book ratio	
Fund	2.42x
Benchmark	2.25x
Active share (%)	76.53

5 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.

Calendar year returns[6]

%

Class I without sales charge



■ Disciplined Value Fund ■ Russell 1000 Value Index ■ Large value category

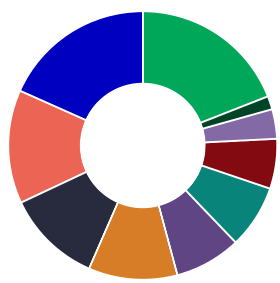
■	35.93	10.91	-4.99	13.97	19.20	-9.58	22.71	1.60	30.17	-4.43
■	32.53	13.45	-3.83	17.34	13.66	-8.27	26.54	2.80	25.16	-7.54
■	31.15	10.15	-4.08	14.59	16.07	-8.61	24.99	2.68	26.08	-6.02
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022

10 largest holdings[7]

		%
1.	JPMorgan Chase & Company	3.89
2.	Berkshire Hathaway, Inc.	3.59
3.	Alphabet, Inc., Class A	3.19
4.	Bristol-Myers Squibb Company	2.85
5.	Johnson & Johnson	2.68
6.	Cisco Systems, Inc.	2.51
7.	Wells Fargo & Company	2.18
8.	Activision Blizzard, Inc.	2.02
9.	Sanofi	1.90
10.	AutoZone, Inc.	1.85

Sector composition[7]

%



	%
Health Care	19.04
Financials	18.32
Industrials	13.68
Information Technology	11.47
Energy	10.70
Communication Services	7.99
Consumer Staples	7.64
Consumer Discretionary	6.01
Materials	3.56
Utilities	1.60

What you should know before investing

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.

Clients should carefully consider a fund's investment objectives, risks, charges, and expenses before investing. To request a prospectus or summary prospectus with this and other important information, call us at 800-225-6020, or visit us at jhinvestments.com.

6 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. **7** 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.