

U.S. equity fund Investment professional fact sheet

John Hancock Blue Chip Growth Fund

A: JBGAX C: JBGCX

Objective

Long-term growth of capital

Strategy summary

Morningstar: Large Growth

Benchmark: S&P 500 Index

Strategy inception: 10/17/2005

Total net assets: \$3.18 b

Typical holding period: 2–3 years

Typical holding range: 100–140 securities

Typical portfolio turnover range: 30%–50%

Strategy

Quality U.S. companies

Seeking large U.S. companies with strong market franchises in industries that are strategically poised for long-term growth

Durable earnings growth

Targeting companies with sustainable earnings growth and strong free cash flow whose stocks are trading at attractive valuations

Built on research

Leveraging the fundamental analysis of over 130 equity analysts and industry specialists to identify opportunities and mitigate risk

Investment process

Narrow the universe of large-cap stocks

A universe of 500 U.S. companies with market capitalizations greater than \$5 billion is narrowed to roughly 200 to 300 stocks based on the following factors:

- Solid revenue growth
- Consistent earnings growth—preferably above 10%
- Attractive free cash flow
- Above-average return on invested capital

Construct the portfolio

The portfolio is built from the bottom up with a target of 100 to 140 stocks based on performance against a number of measures:

- Industry analysis, including secular and cyclical measures
- Company analysis, including a number of quantitative and qualitative measures
- Valuation analysis, including relative valuation, price to free cash flow, price to earnings, PEG ratio, EV/EBITDA, and earnings durability

Adhere to a strict sell discipline

Stocks are eliminated from the portfolio based on the following criteria:

- A deterioration in relative value
- A significant change in fundamental analytical opinion
- A deterioration in financial strength
- Short-term technical considerations

Managed by



Long-tenured manager offering expertise across asset classes and a risk-aware style of investing built on fundamental, in-house research on a global scale



Paul Greene II

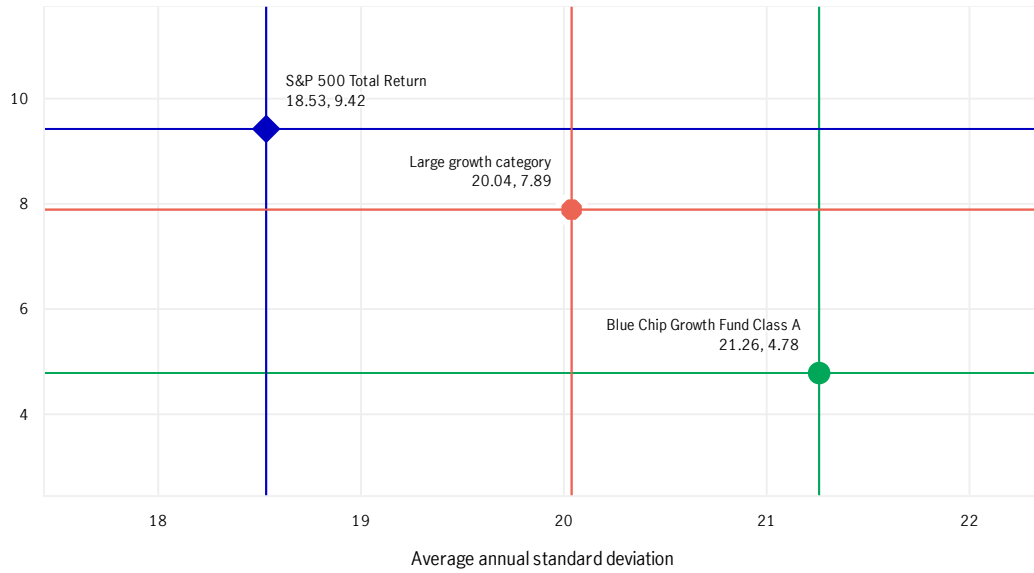
On the fund since 2021.

Investing since 2006

Risk and return

%

5 year (Std. deviation, return)



Risk and performance measures

5 year

Fund **Morningstar category**

Alpha	-4.52	-1.64
Beta	1.07	1.05
Sharpe ratio	0.22	0.39
Sortino ratio	0.33	0.59
Standard deviation (%)	21.26	20.04
Information ratio	-0.48	-0.22
Tracking error (%)	7.98	5.10
Upside capture ratio (%)	97.30	100.40
Downside capture ratio (%)	113.67	105.86
R-squared (%)	86.22	93.72

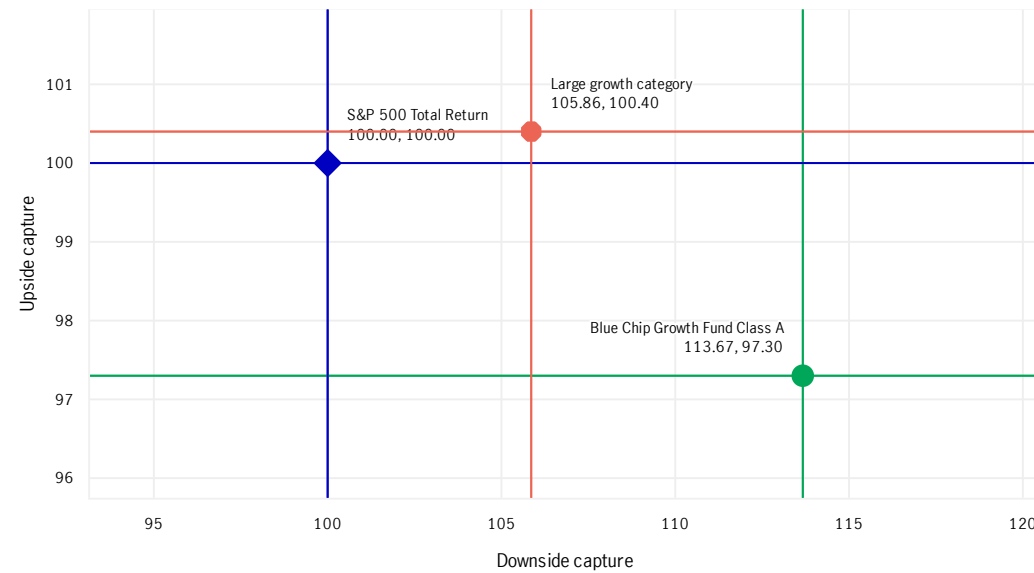
Key facts

Portfolio turnover¹ (%)	20
Number of holdings	76
Average market cap	
Fund	\$720.57 b
Benchmark	\$417.49 b
P/E ratio (trailing)	
Fund	27.99x
Benchmark	19.17x
Price/book ratio	
Fund	6.61x
Benchmark	3.61x
Active share (%)	66.59

Upside/downside capture ratio

%

5 year (Downside, upside)



¹ 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.

Average annual total returns^{2,3,4}

%

	Qtd	Ytd	1 yr	3 yr	5 yr	10 yr	Life of fund	Life of fund date
Class A without sales charge	-1.97	-38.28	-38.28	-1.26	4.78	11.42	9.09	10/17/05
Class A with sales charge	-6.87	-41.36	-41.36	-2.94	3.71	10.85	8.76	10/17/05
S&P 500 Index	7.56	-18.11	-18.11	7.66	9.42	12.56	9.24	—
Russell 1000 Growth Index	2.20	-29.14	-29.14	7.79	10.96	14.10	10.57	—
Large growth category	3.06	-30.20	-30.20	4.28	7.89	11.40	—	—

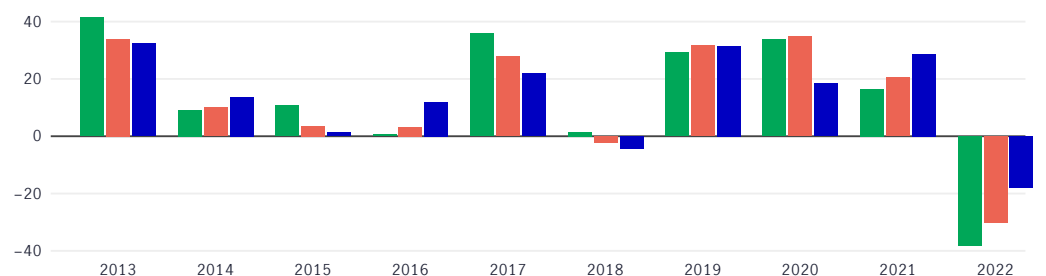
Expense ratios ⁵	Gross	Net (what you pay)	Contractual through
Class A	1.19%	1.14%	12/31/2023

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.

Calendar year returns^{4,6,7}

%

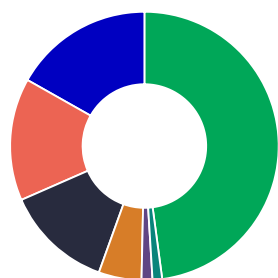
Class A without sales charge



	Blue Chip Growth Fund	S&P 500 Index	Large growth category
2013	41.36	32.39	33.87
2014	9.13	13.69	10.07
2015	10.81	1.38	3.57
2016	0.55	11.96	3.19
2017	35.80	21.83	27.84
2018	1.53	-4.38	-2.11
2019	29.25	31.49	31.71
2020	33.85	18.40	34.82
2021	16.51	28.71	20.49
2022	-38.28	-18.11	-30.20

Sector composition⁸

%



Information Technology	47.88
Health Care	16.82
Consumer Discretionary	14.75
Communication Services	12.93
Financials	5.16
Materials	1.31
Industrials	1.15

2 10/15/05 is the inception date for the oldest class of shares, Class NAV shares. Class A shares were first offered on 3/27/15; returns prior to this date are those of Class NAV shares. **3** The S&P 500 Index tracks the performance of 500 of the largest publicly traded companies in the United States. 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. It is not possible to invest directly in an index. **4** Comparison against the benchmark and Morningstar category is based on Class A shares. **5** "Net (what you pay)" represents the effect of a contractual fee waiver and/or expense reimbursement and is subject to change. **6** Calculations are based on Class A shares. **7** 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. **8** 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.

THIS MATERIAL IS FOR INSTITUTIONAL/BROKER-DEALER USE ONLY. NOT FOR DISTRIBUTION OR USE WITH THE PUBLIC.

10 largest holdings⁸

			%
1. Microsoft Corp.	13.36	6. Visa, Inc.	3.86
2. Apple, Inc.	9.90	7. Mastercard, Inc.	3.21
3. Amazon.com, Inc.	6.84	8. NVIDIA Corp.	2.81
4. Alphabet, Inc., Class C	6.83	9. Eli Lilly & Company	2.52
5. UnitedHealth Group, Inc.	5.17	10. ServiceNow, Inc.	2.39

What you should know before investing

Growth stocks may be more susceptible to earnings disappointments. Large company stocks could fall out of favor, and foreign investing, especially in emerging markets, has additional risks, such as currency and market volatility and political and social instability. A portfolio concentrated in one sector or that holds a limited number of securities may fluctuate more than a diversified portfolio. 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.

© 2023 Morningstar. All Rights Reserved. The information contained herein: (1) is proprietary to Morningstar and/or its providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete, or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information.

⁸ 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.

John Hancock Investment Management Distributors LLC, Member FINRA, SIPC, 200 Berkeley Street, Boston, MA 02116, 800-225-5291, jhinvestments.com
Manulife, Manulife Investment Management, Stylized M Design, and Manulife Investment Management & Stylized M Design are trademarks of The Manufacturers Life Insurance Company and are used by it, and by its affiliates under license.

NOT FDIC INSURED. MAY LOSE VALUE. NO BANK GUARANTEE. NOT INSURED BY ANY GOVERNMENT AGENCY.
THIS MATERIAL IS FOR INSTITUTIONAL/BROKER-DEALER USE ONLY. NOT FOR DISTRIBUTION OR USE WITH THE PUBLIC.