

#### NEEDHAM GROWTH FUND NEEGX | NEEIX

June 30, 2020

#### **PORTFOLIO MANAGER**



## John O. Barr

Manager since 1/2010

Education: Colgate University Harvard Business School

Experience:

1980 - 1995: Technology industry experience
1995 - 2000: Needham & Company, LLC
2000 - 2002: Robertson Stephens & Co.
2002 - 2008: Buckingham Capital Management, Inc.
2008 - 2009: Oliver Investment Management, LLC
2009 - PRESENT: Needham Investment Management, LLC

Chris Retzler



# Manager since 1/2009

**Education:** Bucknell University Fulbright Scholar

Columbia Business School

Experience: 1994 - 2002: Merrill Lynch Investment Banking 2002 - 2005: Winterkorn Orthopedic

2005 - PRESENT: Needham Investment Management, LLC

#### GROWTH OF \$10,000 INVESTMENT AS OF JUNE 30, 2020



FUND HIGHLIGHTS

appreciation

- Seeks to create long-term, tax-efficient capital

Sound valuation discipline of buying growth

Seeks to invest in companies with focused,

operating margin expansion opportunities

- Seeks investments with unrecognized product or

- The Fund may engage in short sales and hold cash

- Invests in venture-backed post-IPO opportunities

and business and consumer services

companies at a reasonable price

incentivized management teams

- Focus on domestic growth equities in sectors including

technology, healthcare, energy, specialty retail, media

The chart illustrates the performance of a hypothetical \$10,000 investment made in the Fund since the Fund's inception. Assumes reinvestment of dividends and capital gains, but does not reflect the effect of any redemption fees. This chart does not imply any future performance.

#### DEFINITIONS

**ACTIVE SHARE**: Represents the proportion of portfolio holdings that differ from those in the benchmark index.

**ALPHA:** Measures the difference between the Fund's actual returns and its benchmark, given its level of risk as measured by beta. The difference is expressed as an annual percentage.

**BETA**: Measures the volatility of the fund, as compared to that of the overall market.

**MAXIMUM DRAWDOWN:** Measures the largest single drop from peak to trough in the value of a portfolio (before a new peak is achieved).

**DOWNSIDE CAPTURE RATIO:** Measures a fund's performance versus a benchmark during periods where the benchmark had a negative return.

**STANDARD DEVIATION:** A statistical measure of portfolio risk used to measure variability of total return around an average, over a specified period of time. The greater the standard deviation over the period, the wider the variability or range of returns and hence, the greater the fund's volatility.

**R-SQUARED**: Measures the percentage of a fund's returns that can be explained by the returns of the benchmark.

**SHARPE RATIO**: Is calculated by subtracting the risk-free rate, such as that of the 10-year U.S. Treasury bond from the rate of return for a portfolio and dividing the result by the standard deviation of the portfolio returns.

RISK/REWARD METRICS*	FUND	S&P 500
Average Annual Return	12.67	8.87
Active Share	96.6	0.00
Alpha	3.74	0.00
Beta	1.07	1.00
Maximum Drawdown	-49.15	-50.95
Downside Capture Ratio	103.13	100.00
Standard Deviation	21.40	15.20
R-Squared	57.84	100.00
Sharpe Ratio	0.47	0.43

\*Risk/Reward metrics based on the Fund's retail share class. Metrics are since inception of the Fund, 1/1/96 to 6/30/20. Active Share is as of 6/30/20.

TOP TEN HOLDINGS	% OF NET ASSETS
Thermo Fisher Scientific. Inc.	8.72%
PDF Solutions, Inc.	8.06%
CarMax, Inc.	6.39%
Entegris, Inc.	6.26%
Gilead Sciences, Inc.	5.62%
Vicor Corp.	4.65%
KVH Industries, Inc.	4.38%
Becton Dickinson & Co.	4.11%
Comcast Corp Class A	3.96%
Super Micro Computer, Inc.	3.48%
Total	55.63%

#### MARKET CAPITALIZATION EXPOSURE

>\$8 billion	43.46%
\$2-8 billion	25.16%
\$250 million- \$2 billion	20.50%
<\$250 million	10.88%

# FUND STATISTICS Net Assets \$110 million 12-month Trailing Turnover 18%

CLASS STATISTICS	RETAIL	INSTITUTIONAL
Share Class	No-Load	No-Load
NASDAQ Symbol	NEEGX	NEEIX
NAV	\$44.59	\$45.60
Minimum Initial	\$2,000/\$1,000	\$100,000
Investment	for IRA	
Minimum Subsequent	\$100/No min	None
Investment	for IRA	
12b-1 Fees	0.25%	None
Gross Expense Ratio	2.01%	1.73%
Net Expense Ratio*	1.98%	1.43%
Inception Date	1/1/1996	12/30/2016

\*Reflects a contractual agreement by the Fund's investment adviser to waive its fee and/or reimburse the Fund through April 30, 2021 to the extent the Gross Expense Ratio exceeds 1.95% and 1.40% of the average daily net assets of Retail Class Shares and Institutional Class Shares (Expense Cap). The Expense Cap excludes taxes, interest, brokerage, dividends on short positions, fees and expenses of "acquired funds," extraordinary items and shareholder redemption fees but includes the management fee.

For information, please call 1-800-625-7071 or visit www.needhamfunds.com



JUNE 30, 2020

# AVERAGE ANNUAL RETURNS AS OF 6/30/20

	3 MO	YTD	1YR	3YR	5YR	10YR	SINCE INCEPT.
Needham Growth Fund Inst Class**	30.81%	6.47%	21.11%	12.79%	8.83%	12.06%	13.16%
After Taxes on Distributions	30.81%	6.47%	18.07%	9.81%	6.57%	10.46%	11.74%
After Taxes on Distributions & Redemptions	18.24%	3.83%	14.21%	9.41%	6.47%	9.69%	11.22%
Needham Growth Fund Retail Class	30.69%	6.19%	20.47%	12.19%	8.30%	11.55%	12.67%
After Taxes on Distributions	30.69%	6.19%	17.39%	9.20%	6.03%	9.94%	11.25%
After Taxes on Distributions and Redemptions	18.17%	3.67%	13.86%	8.95%	6.09%	9.26%	10.77%
S&P 500 Index	20.54%	-3.08%	7.51%	10.73%	10.73%	13.99%	8.87%
S&P 400 Index	24.07%	-12.78%	-6.70%	2.39%	5.22%	11.34%	10.50%
Russell 2000 Index	25.42%	-12.98%	-6.63%	2.01%	4.29%	10.50%	7.83%

The Needham Growth Fund inception date is 1/1/96. Performance data quoted represents past performance and does not guarantee future results. Figures include changes in principal value, reinvested dividends and capital gains distributions. Investment return and principal value will vary, and shares may be worth more or less at redemption than at original purchase. Current performance may be lower or higher than the performance data quoted. Please visit www.needhamfunds.com or call 1-800-625-7071 for the most current month-end performance data.

#### **INDUSTRY WEIGHTINGS\*\*\***

SECTOR	LONG	(SHORT)	NET
Aerospace & Defense	0.5%	0.0%	0.5%
Biotechnology	5.7%	0.0%	5.7%
Building Products	0.2%	0.0%	0.2%
Capital Markets	0.3%	0.0%	0.3%
Commercial Services & Supplies	0.2%	0.0%	0.2%
Communications Equipment	6.1%	-0.1%	6.0%
Electrical Equipment/Electronic Equipment, Instruments & Components	10.0%	0.0%	10.0%
Energy Equipment & Services	2.6%	0.0%	2.6%
Entertainment	0.2%	0.0%	0.2%
Health Care Equipment & Supplies/Health Care Providers & Services	7.9%	0.0%	7.9%
Household Durables/Household Products	0.5%	0.0%	0.5%
Industrial Conglomerates	0.3%	0.0%	0.3%
Interactive Media & Services	0.3%	0.0%	0.3%
IT Services	3.2%	0.0%	3.2%
Life Sciences Tools & Services	8.8%	0.0%	8.8%
Machinery	0.3%	0.0%	0.3%
Media	4.0%	0.0%	4.0%
Oil, Gas & Consumable Fuels	0.2%	0.0%	0.2%
Real Estate Investment Trusts (REITs)	0.2%	0.0%	0.2%
Semiconductors & Semiconductor Equipment	27.0%	-0.2%	26.8%
Software	7.5%	-0.5%	7.0%
Specialty Retail	6.6%	0.0%	6.6%
Technology Hardware, Storage & Peripherals	5.8%	0.0%	5.8%
Trading Companies & Distributors	1.1%	0.0%	1.1%
Cash	1.3%	0.0%	1.3%
Total	100.8%	-0.8%	100.0%

\*\*\*Percentage of total investments as of 6/30/20, which means all stocks held long plus cash minus all short positions.

\*\*Performance for any periods prior to the inception date of Institutional Class Shares are based on the historical performance of the Retail Class Shares adjusted to assume the expenses associated with Institutional Class Shares.

## **DEFINITIONS AND DISCLOSURES**

This report is not an offer of the Needham Growth Fund. Shares are sold only through the currently effective prospectus, which must precede or accompany this report. To obtain a copy of the Fund's current prospectus, please visit www.needhamfunds.com or contact the Fund's transfer agent, U.S. Bancorp Fund Services, LLC at 1-800-625-7071. Funds holding smaller capitalized companies are subject to greater price fluctuation than those of larger companies. Total return figures include reinvestment of all dividends and capital gains

Please read the prospectus or summary prospectus and consider the investment objectives, risks, and charges and expenses of the Fund carefully before you invest. The prospectus and summary prospectus contain this and other information about the Fund. Short sales present the risk that the price of the security sold short will increase in value between the time of the short sale and the time the Fund must purchase the security to return it to the lender. The Fund may not be able to close a short position at a favorable price or time and the loss of value on a short sale is potentially unlimited. Investment returns and principal value will fluctuate, and when redeemed, shares may be worth more or less than their original cost. The results contained in this report represent past performance of the Fund. Past performance does not guarantee future results and current performance may be higher or lower than these results

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