

# EXTENDED LARGE CAP GROWTH

1Q19  
QUARTERLY UPDATE



## PREMISE

OakBrook's strategy uses a proprietary, dual factor, quantitative model to identify stocks likely to out perform or under perform. Behavioral economics based factors provide a distinct excess return profile, maximizing diversification benefits relative to other domestic equity managers and asset classes. Strict absolute risk controls are applied to the portfolio to ensure tight tracking to the Russell 1000 Growth.

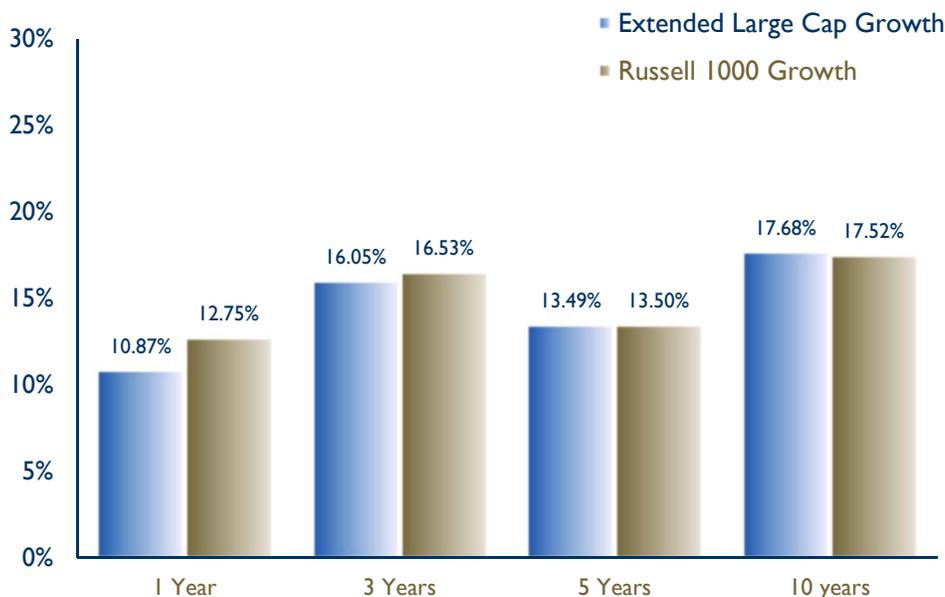
## OBJECTIVE

Outperform the Index by 0.50%-1.50% (gross) per year with tracking error of 1.5% or lower.

## RESULTS\*

As of 03/31/19

### Annualized Returns (net of fees)



### Most Recent 4 Quarters (net of fees)

	2Q18	3Q18	4Q18	1Q19
Extended Large Cap Growth	5.58%	9.29%	-17.41%	16.33%
Russell 1000 Growth	5.76%	9.17%	-15.89%	16.10%

## RISK CONTROLS

- Style  $\pm 3\%$  at three levels:
  - small cap/large cap
  - growth/value
  - stability/variability
- Stock Weighting  $\pm 0.75\%$
- Sector Weighting  $\pm 5.00\%$

## CHARACTERISTICS\*

10 years ending 03/31/19

Characteristic	Extended Large Cap Growth	Russell 1000 Growth
Alpha	-0.11	0.00
Beta	1.02	1.00
Standard Deviation	13.59	13.29
Information Ratio	0.16	0.00
Tracking Error	1.20	0.00

## OTHER BENCHMARKS AVAILABLE

- S&P 500
- Extended Large Cap
- Mega Cap
- Large Cap Value
- Extended Mid Cap
- Mid Cap
- Small Cap (does not use momentum)

\*Please note performance disclosure on the following page. Information provided above, excluding returns, is supplemental.

PERFORMANCE  
DISCLOSURES

**EXTENDED LARGE CAP GROWTH COMPOSITE PERFORMANCE**

EXTENDED LARGE CAP GROWTH COMPOSITE  
(GROSS AND NET OF FEES)

FOR THE PERIOD FROM NOVEMBER 1, 2006 THROUGH MARCH 31, 2019

Year	Composite	Composite	Russell 1000	Composite	Russell 1000G	Composite	# of	End of Period	% of	End of Period
	Returns (Net) (%)	Returns (Gross) (%)	Growth Index Return (%)	3-Yr St Dev (%)	3-Yr-St Dev (%)	Dispersion	Portfolios	Composite Assets (Mil. \$)	Firm Assets	Total Firm Assets (Mil. \$)
2009	36.58	37.12	37.21	19.98	20.01	0.23	8	61.42	3.43	1,791.31
2010	17.38	17.85	16.71	22.41	22.42	0.05	8	82.11	3.09	2,654.38
2011	2.11	2.51	2.64	18.20	18.01	NA	5 or fewer	62.24	2.50	2,486.23
2012	15.63	16.08	15.26	16.52	15.88	NA	5 or fewer	57.51	1.87	3,078.91
2013	34.27	34.79	33.48	13.10	12.35	NA	5 or fewer	22.21	0.61	3,643.28
2014	13.64	13.98	13.05	9.99	9.73	NA	5 or fewer	7.60	0.40	1,886.57
2015	6.85	7.19	5.67	10.89	10.85	NA	5 or fewer	8.15	0.51	1,601.50
2016	6.85	7.20	7.08	11.31	11.31	NA	5 or fewer	8.74	0.56	1,562.39
2017	30.65	31.03	30.21	10.71	10.69	NA	5 or fewer	154.19	9.63	1,601.67
2018	-3.46	-3.26	-1.51	12.58	12.30	NA	5 or fewer	77.61	5.14	1,510.50
2019Q1	16.33	16.39	16.10	12.63	12.19	NA	5 or fewer	90.33	5.35	1,687.29

Periods less than one year are not annualized. Past performance cannot guarantee future results.  
Effective 1/1/2014, Composite Returns (Net) calculation methodology has been changed. See below.

OakBrook Investments, LLC ("OakBrook") claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS Standards. OakBrook has been independently verified for the periods July 1, 1998 through December 31, 2018. The verification reports are available upon request. Verification assesses whether (1) the firm has complied with all the composite construction requirements of the GIPS standards on a firm-wide basis and (2) the firm's policies and procedures are designed to calculate and present performance in compliance with the GIPS standards. Verification does not ensure the accuracy of any specific composite presentation.

The Extended Large Cap Growth Index Strategy ("Strategy") invests in stocks held in the Russell 1000 Growth Index\* and adjusts the weights of the index to reflect the expected return of each stock as derived from OakBrook's quantitative model. The Strategy is a risk controlled strategy that attempts to closely track the risk characteristics of the Russell 1000 Growth Index. The composite creation date is October 31, 2006.

The benchmark is the Russell 1000 Growth Index which is an unmanaged portfolio. The index serves as a proxy for the large capitalization stocks, which are represented in the selected portfolios. Index results include reinvestment of dividends and other earnings, and do not reflect sales charges. The index is not a managed portfolio.

The Firm is defined as all accounts managed by OakBrook Investments, LLC. A complete list and description of all composites and additional information regarding policies for valuing portfolios, calculating performance, and preparing compliant presentations are available upon request.

Composite dispersion represents the asset weighted dispersion of annual returns of each account that was included in the composite for a full calendar year. Dispersion is not shown for a composite with five or fewer accounts existing for the time period presented. The three-year annualized standard deviation measures the variability of the composite and the benchmark returns over the preceding 36-month period. All performance calculations are in US dollars and US dollar figures are in millions.

The composite includes all fully discretionary, fee-paying accounts managed in this style including those no longer with the Firm. Beginning February 1, 2009, the minimum asset level for inclusion in the composite is \$3,000,000 unless the asset level drops below the minimum due to market performance. Prior to February 1, 2009, the minimum asset level for inclusion in the composite was \$5,000,000 unless the asset level dropped below the minimum due to market performance. New accounts are included in the composite the first full month of performance. The composite is asset weighted. Investment results are time-weighted performance calculations representing total return. Account returns are calculated monthly using geometric linking. The composite has been valued monthly. All realized and unrealized gains and losses, as well as dividends and interest income from investments and cash balances, are included. Investments are stated at market value and transactions are accounted for on a trade date basis. No taxes have been withheld in performance calculations.

Beginning September 1, 2014, an account which has a contribution or withdrawal that exceeded 20 percent of the value of the account had the account return calculated for the composite after removing the effect of the withdrawal or contribution. This was accomplished by moving the contribution or withdrawal to a separate account and trading to raise the withdrawal amount or to invest the contribution amount in the separate account. Prior to September 1, 2014, the composite policy required the temporary removal of any portfolio incurring a client initiated significant cash inflow or outflow of more than 20% of portfolio assets. The temporary removal of such an account occurs at the beginning of the month in which the significant cash flow occurs and the account re-enters the composite at the beginning of the month after the cash flow is fully invested or withdrawn from the account.

Returns are shown both net and gross of management and net of all other expenses excluding custody fees. Beginning January 1, 2014, Net returns are calculated based upon actual management fees charged to the accounts in the composite at the period end. Prior to January 1, 2014, net returns were calculated by subtracting the maximum fee of 3.33 basis points monthly (40 basis points annually) from gross monthly returns and then geometrically linking those calculated returns. OakBrook's current advisory fees are described in Part 2A of OakBrook's Form ADV, which is available upon request. Advisory fees are negotiable. The standard institutional fee schedule for the Strategy is as follows:

**First \$10 million : 0.40%, Next \$40 million: 0.25%, Next \$50 million: 0.20%, Balance above \$100 million: 0.15%**

Performance results for the Strategy are to be used only in presentations to institutional and sophisticated clients, and the Strategy results are directed only to such clients or potential clients. The Strategy may not be relevant or suitable for all types of clients. ©2019 OakBrook Investments, LLC. All Rights Reserved. Russell 1000 Growth is a trademark owned by Frank Russell Company. Neither OakBrook Investments nor its products are affiliated, sponsored, or endorsed by Frank Russell Company.

FOR MORE INFORMATION CONTACT:

OAKBROOK INVESTMENTS  
2300 CABOT DRIVE  
SUITE 300  
LISLE, ILLINOIS  
60532-4616

630 271-0100  
FAX: 630 271-0150  
www.oakbrookinvest.com