

STRATEGY DESCRIPTION & HIGHLIGHTS

Our Large Cap Growth Strategy seeks to invest in growth-oriented stocks selling at reasonable valuations. Our disciplined process generally leads us to stocks exhibiting growth potential and earnings momentum above those of market averages, with P/E levels that are below. Our objective is to outperform the Russell 1000 Growth over a full market cycle, while incurring similar or lower risk.

- Outperformed the Russell 1000 Growth⁽¹⁾ over the past 20 and 25-year periods and since inception⁽²⁾, net of fees, on an annualized basis.
- Attractive relative risk/reward profile, since inception⁽²⁾.
- A disciplined process of “growth at a reasonable price” investing.

STRATEGY PERFORMANCE Institutional Composite

ANNUALIZED

	4Q18	2018	3 Years	5 Years	10 Years	15 Years	20 Years	25 Years	Since Inception ⁽²⁾
Renaissance (Gross)	-13.5%	-6.1%	8.1%	9.0%	13.1%	8.4%	6.6%	9.9%	10.1%
(Net)	-13.5%	-6.4%	7.8%	8.7%	12.8%	8.1%	6.2%	9.4%	9.6%
Russell 1000 Growth ⁽¹⁾	-15.9%	-1.5%	11.1%	10.4%	15.3%	8.7%	5.1%	8.9%	9.1%

Sources: Renaissance Research, Bloomberg, FTSE Russell

ANNUAL RETURNS — Institutional Composite

Year	Renaissance Large Cap Growth		Russell 1000 Growth ⁽¹⁾
	(Gross)	(Net)	
2018	-6.1%	-6.4%	-1.5%
2017	23.0	22.8	30.2
2016	9.3	9.0	7.1
2015	0.5	0.2	5.7
2014	21.1	20.8	13.0
2013	36.3	35.9	33.5
2012	18.5	18.2	15.3
2011	-3.7	-4.0	2.6
2010	17.0	16.6	16.7
2009	22.7	22.2	37.2
2008	-36.0	-36.3	-38.4
2007	11.9	11.3	11.8
2006	5.4	4.8	9.1
2005	9.8	9.4	5.3
2004	18.8	18.2	6.3
2003	47.1	46.4	29.7
2002	-14.1	-14.6	-27.9
2001	-10.9	-11.4	-20.4
2000	-14.3	-14.9	-22.4
1999	10.7	10.1	33.2
1998	30.4	29.7	38.7
1997	36.6	35.8	30.5
1996	24.5	23.8	23.1
1995	35.7	35.0	37.2
1994	-3.2	-3.7	2.6
1993	6.1	5.4	2.9
1992	11.1	10.3	5.0
1991 ⁽⁷⁾	15.3	14.9	20.9

Sources: Renaissance Research, Bloomberg, FTSE Russell

MARKET CAP EXPOSURE

Market Cap	Large Cap Growth ⁽³⁾⁽⁴⁾	Russell 1000 Growth ⁽⁴⁾	Under/Overweight % ⁽⁵⁾
\$10 Billion +	91.8%	92.3%	-0.6
\$3 Billion - \$10 Billion	6.7%	7.2%	-0.5
\$1 Billion - \$3 Billion	1.6%	0.5%	+1.1
\$0 - \$1 Billion	0.0%	0.0%	0.0

Sources: Renaissance Research, FactSet, FTSE Russell

STATISTICS Since Inception Through 12/31/18⁽²⁾

	Large Cap Growth	Russell 1000 Growth ⁽¹⁾
Number of Holdings as of 12/31/18 ⁽³⁾	56	546
Institutional Composite Best Quarter (net)	25.6%	26.7%
Institutional Composite Worst Quarter (net)	-20.9%	-22.8%
5-Year Average Annual Turnover Rate ⁽³⁾	38.3%	
Active Share as of 12/31/18 ⁽³⁾	70.9	
Alpha ⁽⁶⁾	1.87%	
Beta ⁽⁶⁾	0.92	
Sharpe Ratio ⁽⁶⁾	0.42	
Correlation ⁽⁶⁾	0.90	
Upside Capture Ratio ⁽⁶⁾	101%	
Downside Capture Ratio ⁽⁶⁾	93%	

Sources: Renaissance Research, FactSet, Bloomberg, FTSE Russell

⁽¹⁾ Primary benchmark.

⁽²⁾ Inception date: 7/1/91.

⁽³⁾ Based on a representative account of the strategy discussed and shown as supplemental information to the GIPS compliant presentation. Portfolio characteristics (e.g., sector weights, valuation, growth rate) are based on a representative account that we believe is illustrative of the strategy. Characteristics and/or holdings may not be the same for all accounts invested in the strategy due to factors such as pending trades or account restrictions.

⁽⁴⁾ Weights as of the end of the presentation period, which only include the equity portion of the

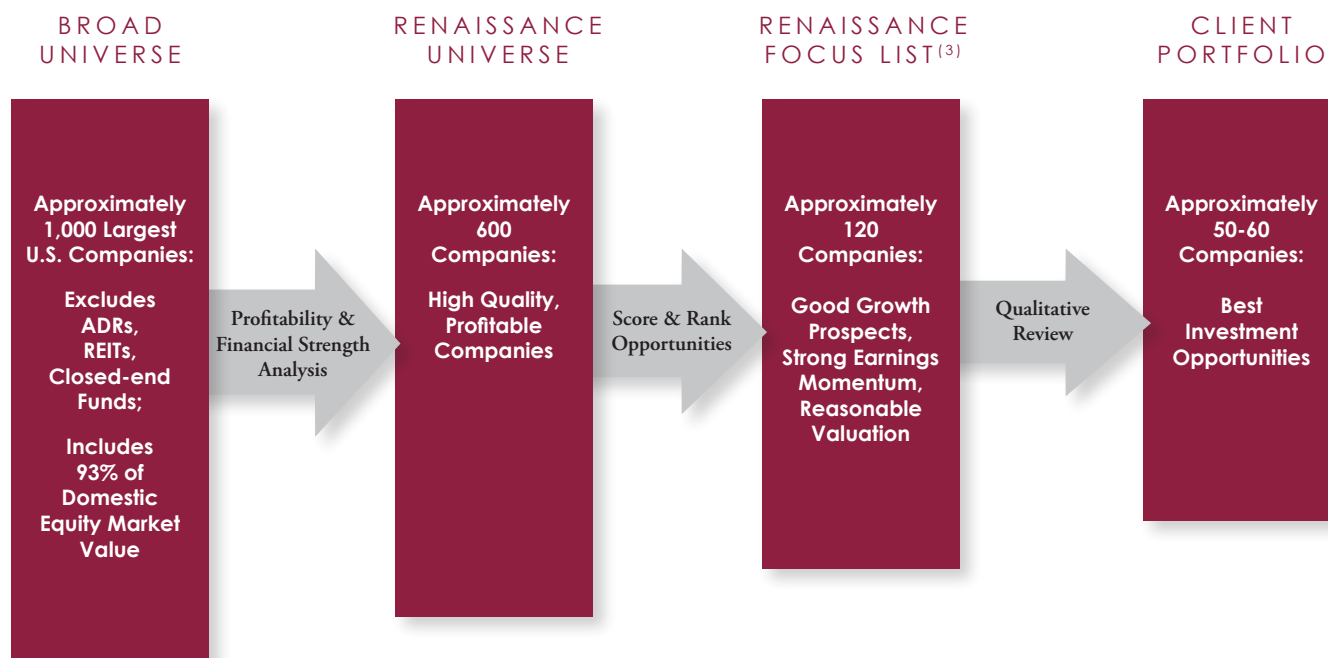
portfolio. Cumulative total weighting may not add up to 100% due to weights being rounded to the nearest decimal place.

⁽⁵⁾ Underweight/overweight percentages may not match the actual difference between the representative account and benchmark ending weights due to rounding of percentages to the nearest decimal place.

⁽⁶⁾ Composite statistics based on gross returns calculated quarterly. The calculation methodology for each statistic is available upon request.

⁽⁷⁾ Performance shown represents results from the inception date of 7/1/91 through 12/31/91 only.

BUY DISCIPLINE⁽¹⁾⁽²⁾



SELL DISCIPLINE⁽²⁾

Characteristics of Sell-Ranked Stocks

- high valuation
- slowing rates of earnings growth
- negative earnings estimate revisions

Risk Control

- approximately 50-60 positions
- equal-weighted positions (at cost)
- reviewed for scaleback at double-weight (based on current target weight)
- 40% maximum in any sector (at cost)
- disciplined sale evaluation process



Stock rankings are used as a tool in our sell decision process.

⁽¹⁾ Chart is for illustrative purposes only and is not drawn to scale.

⁽²⁾ This is an overview of the investment process that guides our decision making. While stock rankings are used as a guide, the Portfolio Manager uses fundamental analysis to determine all buys and sells.

⁽³⁾ The Focus List is based on the output of our proprietary quantitative screening process and it represents the top 20% of our eligible investment universe for this investment strategy.

SECTOR ALLOCATION

Sector	Large Cap Growth ⁽¹⁾⁽²⁾	Russell 1000 Growth ⁽²⁾	Under/Overweight % ⁽³⁾
Financials	8.9%	4.4%	+4.5
Information Technology	33.8%	31.4%	+2.4
Industrials	14.1%	11.8%	+2.3
Health Care	16.5%	14.3%	+2.2
Materials	3.1%	1.9%	+1.2
Utilities	0.0%	0.0%	0.0
Energy	0.0%	0.8%	-0.8
Communication Services	10.7%	11.9%	-1.3
Consumer Discretionary	12.9%	15.1%	-2.3
Real Estate	0.0%	2.3%	-2.3
Consumer Staples	0.0%	6.0%	-6.0

Sources: Renaissance Research, FactSet, FTSE Russell

LARGE CAP GROWTH HOLDINGS⁽¹⁾⁽⁴⁾

	Information Technology	Adobe, Apple, CDW, Cisco Systems, Citrix Systems, Cognizant Technology Solutions, Fidelity National Information Services, IBM, KLA-Tencor, Lam Research, Mastercard, Microsoft, NetApp, Oracle, PayPal, Texas Instruments, Total System Services, Visa, Xilinx		Financials	American Express, Progressive, S&P Global, SVB Financial Group, Synchrony Financial
	Health Care	AbbVie, Anthem, athenahealth, Biogen, Celgene, Cigna, Gilead Sciences, UnitedHealth Group, Zoetis		Materials	Berry Global Group, Crown Holdings
	Industrials	Boeing, Illinois Tool Works, Lockheed Martin, Norfolk Southern, Rockwell Automation, Snap-On, Southwest Airlines, Union Pacific		Consumer Staples	None
	Consumer Discretionary	Burlington Stores, Carnival, Dick's Sporting Goods, Dollar General, Home Depot, O'Reilly Automotive, Ross Stores		Energy	None
	Communication Services	Activision Blizzard, Alphabet, Comcast, Facebook, IAC/InterActiveCorp, Walt Disney		Real Estate	None
				Utilities	None

Sources: Renaissance Research, FactSet

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⁽²⁾Weights as of the end of the presentation period, which only include the equity portion of the portfolio. Cumulative total weighting may not add up to 100% due to weights being rounded to the nearest decimal place.

⁽³⁾Underweight/overweight percentages may not match the actual difference between the representative account and benchmark ending weights due to rounding of percentages to the nearest decimal place.

⁽⁴⁾Any securities referenced should not be considered a recommendation to purchase or sell a

particular security. These securities may represent a portion or all of the companies held in a representative account in this strategy as of the date stated and are intended for informational purposes only. Non-performance based criteria have been used to select the securities listed. The past performance of these securities is no guarantee of future results. The specific securities identified and described may not represent all of the securities purchased, sold or recommended for this strategy. The reader should not assume that investments in the securities identified or discussed were or will prove to be profitable. Portfolio holdings may not be current recommendations to buy or sell any security, and may no longer be held in the representative account. To request a complete list of portfolio holdings recommendations for the past year, the calculation methodology, or a list showing the contribution of every holding to the representative account's performance for the time period stated, please contact Renaissance at compliance@reninv.com.

GICS® SECTOR INFORMATION

MSCI and S&P do not make any express or implied warranties or representations and shall have no liability whatsoever with respect to any GICS data contained herein.

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GIPS Compliant Presentation Large Cap Growth Institutional Composite

Year	Large Cap Growth Institutional Composite		Russell 1000 Growth Benchmark	Net Composite 3 Year Annualized Standard Deviation	Benchmark 3 Year Annualized Standard Deviation	Annual Asset Weighted Composite Dispersion	Number of Portfolios in Composite	Market Value of Composite (Millions)	Market Value of Firm's Assets (Millions) ***
	Gross-of-Fee Return	Net-of-Fee Return	Return						
1991*	15.30%	14.93%	20.88%			NMF**	2	\$8.8	\$1,417.3
1992	11.12%	10.26%	4.99%			NMF**	2	\$7.3	\$1,450.2
1993	6.06%	5.43%	2.87%			NMF**	5	\$14.0	\$1,529.2
1994	-3.16%	-3.68%	2.62%			0.11	7	\$20.2	\$1,393.1
1995	35.68%	34.98%	37.18%			1.37	7	\$26.3	\$1,538.1
1996	24.47%	23.81%	23.12%			0.55	8	\$25.5	\$1,525.4
1997	36.59%	35.84%	30.49%			2.20	10	\$26.0	\$1,373.3
1998	30.41%	29.66%	38.71%			3.18	20	\$79.1	\$1,390.0
1999	10.74%	10.07%	33.16%			1.50	28	\$38.2	\$1,211.9
2000	-14.34%	-14.87%	-22.42%			2.63	20	\$27.9	\$736.7
2001	-10.86%	-11.36%	-20.42%			1.00	15	\$25.5	\$526.7
2002	-14.08%	-14.57%	-27.88%			1.02	13	\$19.6	\$415.7
2003	47.07%	46.41%	29.75%			1.08	22	\$29.7	\$575.2
2004	18.85%	18.17%	6.30%			1.12	19	\$97.2	\$908.2
2005	9.80%	9.41%	5.26%			0.92	32	\$269.6	\$2,796.6
2006	5.36%	4.78%	9.07%			0.53	62	\$605.2	\$5,450.2
2007	11.86%	11.29%	11.81%			0.29	79	\$1,308.4	\$7,661.8
2008	-36.05%	-36.32%	-38.44%			0.40	66	\$916.6	\$4,358.6
2009	22.68%	22.19%	37.21%			0.62	60	\$1,138.2	\$4,403.0
2010	16.97%	16.55%	16.71%			0.56	30	\$1,026.8	\$3,800.2
2011	-3.67%	-3.97%	2.64%	19.62%	17.76%	0.34	29	\$996.9	\$2,862.3
2012	18.52%	18.21%	15.26%	18.99%	15.66%	0.15	16	\$823.0	\$2,409.8
2013	36.28%	35.93%	33.48%	15.58%	12.18%	0.19	15	\$973.4	\$2,767.7
2014	21.10%	20.79%	13.05%	10.72%	9.59%	0.12	18	\$1,122.1	\$2,986.2
2015	0.46%	0.21%	5.67%	11.08%	10.70%	0.29	22	\$984.5	\$2,703.8
2016	9.31%	9.03%	7.08%	12.19%	11.15%	0.26	22	\$1,034.7	\$1,762.0
2017	23.04%	22.75%	30.21%	11.10%	10.54%	0.35	15	\$1,390.4	\$2,202.4
2018	-6.14%	-6.36%	-1.51%	12.20%	12.13%	0.11	11	\$1,024.6	\$1,682.2
FINAL 12/31/2018									

* For period July 1, 1991 through December 31, 1991.

** Not meaningful figure due to five or fewer accounts invested for the entire year.

*** Firm Assets do not include UMA program assets for GIPS purposes.

As of 12/31/2018, Renaissance managed an additional \$2,157.0 million in UMA programs, totaling \$4,199.2 in assets under management and shown as supplemental information to the GIPS compliant presentation.

Renaissance Investment Management (RIM) claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Renaissance has been independently verified for the periods January 1, 2006 through June 30, 2017.

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. The Large Cap Growth Institutional Composite has been examined for the periods January 1, 2006 through June 30, 2017. The verification and performance examination reports are available upon request.

Firm Definition: The Renaissance Group LLC, which does business as Renaissance Investment Management (RIM), is a registered investment advisor established in 1978, with an office in Covington, KY. RIM is an affiliate of Affiliated Managers Group based in West Palm Beach, FL. RIM manages equity, tactical, balanced and fixed income assets for a variety of clients including high net worth, institutional and sub-advisory relationships. A complete list and description of the Firm's composites is available upon request.

Composite Composition: The Large Cap Growth Institutional Composite portfolios consist of approximately 50-60 mainly mid- and large- cap domestic equities, which focus on companies demonstrating financial strength, attractive growth potential, rising earnings expectations and attractive valuation. RIM created the Large Cap Growth Institutional Composite as of July 1, 2004 and it includes all fee paying, fully discretionary, non-tax managed, non-wrap Large Cap Growth accounts. RIM does not have non-fee paying portfolios. Returns are net of any performance-based fee arrangements where applicable. RIM will add new fully discretionary portfolios to the composite at the first full month under management. RIM will exclude terminated portfolios from the composite after the last full month they were under management. Composite dispersion is measured using an asset-weighted standard deviation of returns of the portfolios.

Calculation of Performance Returns: Performance is calculated using total returns. Monthly composite performance is asset-weighted using beginning-of-period values. Rates of return are time-weighted with geometric linking of monthly returns. Valuations and returns are computed and stated in U.S. dollars. Account performance is based on total assets in the account, including cash and cash equivalents. Performance is actual performance.

RIM has chosen to present performance both gross- and net-of-fees. The gross-of-fee performance returns are presented before deduction of management and custodial fees but after the deduction of all trading expenses. Net performance is reported after the deduction of all trading costs and actual RIM management fees. These gross- and net-of-fee investment results for the Renaissance Large Cap Growth Institutional Composite include reinvestment of dividends and other earnings. Clients' returns will be reduced by the advisory fee and any other expenses that may be incurred in the management of the client's investment advisory account. For example, if the gross annualized return of an account over a five-year period were 5.0%, deducting one twelfth of an annual advisory fee of 90 basis points each month on the ending monthly account balance would produce a cumulative net return of 22.7%. The cumulative gross return at 5.0% per annum over a five-year period would be 28.3%. A \$1 million starting portfolio would thus have an ending net market value of \$1,227,096, \$56,262 less than the gross return ending value of \$1,283,359. There is no minimum asset size for inclusion in the composite. RIM uses trade date accounting and income is accrued. Actual performance may differ from composite returns, depending on the size of the account, brokerage commissions, investment guidelines and/or restrictions, inception date and other factors. After-tax results will vary from the returns presented herein for those accounts that are subject to taxation. Policies for valuing portfolios, calculating performance and preparing compliant presentations are available upon request.

Standard Deviation: The three-year annualized standard deviation measures the variability of the composite and the benchmark returns over the preceding 36-month period. According to the GIPS Standards, this is not required for periods prior to 2011.

Investment Management Fees: RIM's fees are based on account size. The standard RIM fee schedule for the Large Cap Growth Strategy for direct-managed accounts is as follows: First \$5 million - .75%, Next \$5 million - .70%, Next \$5 million - .65%, Next \$5 million - .60%, Amounts over \$20 million - .55%. Investment advisory fees are described in Part 2A of RIM's Form ADV.

Benchmark: The Russell 1000 Growth Index is composed of the 1,000 largest U.S. companies based on total market capitalization with higher price-to-book ratios and higher forecasted growth values. The Russell index names are registered trademarks of FTSE Russell. RIM compares its composite returns to a variety of market indices such as the Russell 1000 Growth. This index is shown for comparison purposes only. We are not trying to explicitly manage to this benchmark. This index represents unmanaged portfolios whose characteristics differ from the composite portfolios; however, they tend to represent the investment environment existing during the time periods shown. The index cannot be invested in directly. The returns of the index do not include any transaction costs, management fees or other costs. The holdings of the client portfolios in our composites may differ significantly from the securities that comprise the index shown. The index has been selected to represent what RIM believes is an appropriate benchmark with which to compare the composite performance.

Other: Performance data quoted in any Renaissance presentation represents historically achieved results, and is no guarantee of future performance. Future investments may be made under materially different economic conditions, in different securities and using different investment strategies and these differences may have a significant effect on the results portrayed. Each of these material market or economic conditions may or may not be repeated. Therefore, there may be sharp differences between the performance shown and the actual performance results achieved by any particular client. The value of an investment may fall as well as rise. Please note that different types of investments involve varying degrees of risk and there can be no assurance that any specific investment will either be suitable or profitable for a client or prospective client's investment portfolio. Investor principal is not guaranteed and investors may not receive the full amount of their investment at the time of sale if asset values have fallen. No assurance can be given that an investor will not lose invested capital. Consultants supplied with these performance results are advised to use this data in accordance with SEC guidelines. The actual performance achieved by a client portfolio may be affected by a variety of factors, including the initial balance of the account, the timing and amount of any additions to or withdrawals from the portfolio, changes made to the account to reflect the specific investment needs or preferences of the client, duration and timing of participation as a RIM client, and a client portfolio's risk tolerance, investment objectives, and investment time horizon. All investments carry a certain degree of risk, including the loss of principal and are not guaranteed by the U.S. government.

Risks of Large Cap Growth Strategy: Large Cap Growth Institutional Composite returns may show a high level of variability. In addition to market risk, the majority of any additional risk in these portfolios is related to specific stock selection, and RIM will have significant exposure to individual securities.

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