

# Logan Large Cap Growth

**Logan Large Cap Growth (LCG)** is a true large-growth strategy. Slightly on the aggressive side, LCG pairs well with growth at a reasonable price (GARP) and large cap value strategies

**BENCHMARK** Russell 1000 Growth

**INVESTMENT STYLE** Fairly concentrated at 40-60 U.S. traded stocks, each with >\$5B minimum cap at time of purchase • Employs innovative technologies and a multifactor **ranking algorithm** to analyze and select securities • Seeks companies with earnings rising due to pricing power, that benefit from an economic tailwind, and that are trading in a way that would support a long-term upward move in price

**PERFORMANCE HIGHLIGHTS** Maximum sector exposure is the greater of 2x the Russell 1000 Growth Index weighting, or 20% of the portfolio • High Conviction portfolio **with low annual portfolio turnover** (typically <35%) and **high active share** (differentiated significantly from the benchmark)

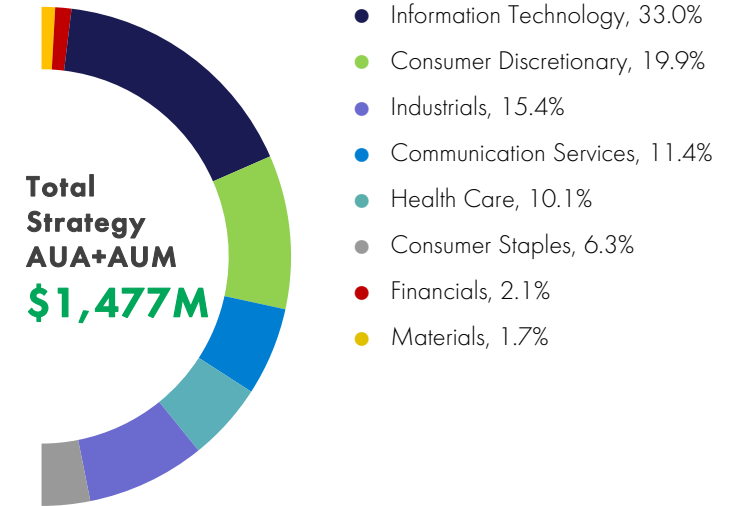
## PORTFOLIO MANAGEMENT



Al Besse, Stephen Lee, and Dana Stewardson have over a 36-year average investment tenure. They are the founding principals of Logan Capital Management and have co-managed the Large Cap Growth portfolio since inception

as of 12/31/2022

## EQUITY ALLOCATION



## TEN LARGEST PORTFOLIO HOLDINGS

## PORTFOLIO

Mastercard Incorporated Class A	5.4%
Broadcom Inc.	5.1%
Apple Inc.	4.7%
KLA Corporation	4.6%
Amphenol Corporation Class A	4.1%
Mettler-Toledo International Inc.	3.3%
Dick's Sporting Goods, Inc.	3.3%
Netflix, Inc.	3.2%
Estee Lauder Companies Inc. Class A	3.2%
Amazon.com, Inc.	3.2%

as of 12/31/2022

Q4 | 2022

RISK STATISTICS	1 YEAR			5 YEAR			10 YEAR		
	GROSS	NET	BM	GROSS	NET	BM	GROSS	NET	BM
Annualized Alpha (%)	5.25	4.65	-	0.40	-0.13	-	-0.48	-0.98	-
Beta	1.04	1.04	1.00	1.05	1.05	1.00	1.07	1.07	1.00
R-Squared	0.94	0.94	1.00	0.93	0.93	1.00	0.92	0.92	1.00
Sharpe Ratio	-1.06	-1.07	-1.24	0.46	0.44	0.47	0.75	0.72	0.82
Standard Deviation (%)	26.63	26.62	24.81	22.50	22.47	20.70	18.08	18.06	16.23
Information Ratio	0.37	0.31	-	0.12	0.02	-	0.04	-0.07	-
Tracking Error	1.91	1.91	-	1.70	1.70	-	1.51	1.52	-
Up Capture	109.70	108.82	100.00	106.14	103.78	100.00	115.77	111.34	100.00
Down Capture	98.31	98.77	100.00	100.73	101.04	100.00	102.81	103.15	100.00

### LOGAN AUM+AUA

Strategy AUM	\$1,146M
Strategy AUA	\$331M
Firm AUA	\$1,499M
Firm AUM	\$2,261M
Total Firm AUM+AUA	\$3,760M

Numbers are subject to rounding differences  
AUA has a one month data lag

PORTFOLIO CHARACTERISTICS	LARGE CAP GROWTH	RUSSELL 1000 GROWTH
Active Share	76.2	-
Dividend Yield	0.9%	1.1%
5 Year Historical Growth Rate	26.8%	25.4%
LT Future Growth Rate	11.6	15.3
Market Capitalization (\$bil)	\$242.0	\$627.4
PEG Ratio	1.6	1.0
Price to Sales	2.8	3.5
P/E Trailing 4 Quarters- Current	20.1x	18.4x

Indices are unmanaged and investors cannot invest directly in an index. The Russell 1000 Growth Index measures the performance of the large-cap growth segment of the U.S. equity universe. It includes those Russell 1000 companies with higher price-to-book ratios and higher forecasted growth values. It has been constructed to provide a comprehensive and unbiased barometer for the large-cap growth segment. Harmonic mean is a type of average that is calculated by dividing the number of values in a data series by the sum of the reciprocals ( $1/x_i$ ) of each value in the data series. A harmonic mean is one of the three Pythagorean means (the other two are arithmetic mean and geometric mean). The harmonic mean always shows the lowest value among the Pythagorean means. The harmonic mean is often used to calculate the average of the ratios or rates. It is the most appropriate measure for ratios and rates because it equalizes the weights of each data point. For instance, the arithmetic mean places a high weight on large data points, while the geometric mean gives a lower weight to the smaller data points. In finance, the harmonic mean is used to determine the average for financial multiples such as the price-to-earnings (P/E) ratio. The financial multiples should not be averaged using the arithmetic mean because it is biased toward larger values. One of the most common problems in finance that uses the harmonic mean is the calculation of the ratio of a portfolio that consists of several securities. Diversification does not guarantee a profit or protect against a loss in a declining market. It is a method used to help manage investment risk.