

Dynamic Large Cap Value Equity

Objective

We seek to outperform the Russell 1000® Value Index by investing quantitatively in undervalued large-cap stocks, as identified by a low price-to-earnings (P/E) or price-to-book (P/B) ratio, while avoiding significant downside relative to the index.

Investment Process Summary

We invest in undervalued large-cap stocks with an attractive ranking in our quantitative multi-factor model. Our process uses a dynamic shifting tool that determines the appropriate mix of our quantitative factors based on market conditions, including valuations spread across the broad stock universe.

From the universe of U.S. equities, we identify stocks with:

- Market capitalizations among the largest 1,000 U.S. stocks by market capitalization
- Low P/E or P/B ratios with specific valuation limits determined by our dynamic shifting tool

Within this large-cap value universe, we apply our quantitative-ranking model.

Quantitative Focus

We select stocks from our large-cap value universe based on three major factor categories, each grounded in persistent investor behavioral biases:

- Valuation: Traditional measures of worth, such as P/E and P/B, to capture the value anomaly
- Sentiment: Key signals, such as stock price momentum, to validate purchase timing
- Quality: Indicators of financial health that reduce performance volatility associated with valuation and sentiment factors alone

Each fundamental category separately offers the potential for outperformance. By including multiple factors from these three groups, weighted according to our dynamic shifting tool, the portfolio seeks to generate more consistent excess returns.

We test our factors and models in numerous historical market cycles over the last 50 years to limit underperformance in unfavorable markets and improve performance consistency.

Portfolio Management

We combine a stock's ranking on our valuation, sentiment, and quality factors to create a single quantitative multifactor score for each stock. We purchase the stocks with the highest rankings on a capitalization-weighted basis. The portfolio sells a stock when either 1) both its P/E and P/B ratio no longer meet our value criteria, or 2) its multifactor score falls below our sell limit.

Portfolio Results

Our disciplined strategy has produced not only strong excess return versus the Russell 1000® Value Index, but also a high information ratio and outperformance on average in both up and down markets.

Our Competitive Advantage

The strategy employs a disciplined quantitative investment approach designed to achieve strong, consistent performance in varying market environments. Our Dynamic shifting tool selects between our deep-value and our broad-value quantitative models to emphasize the quantitative factors that perform best under current market conditions.



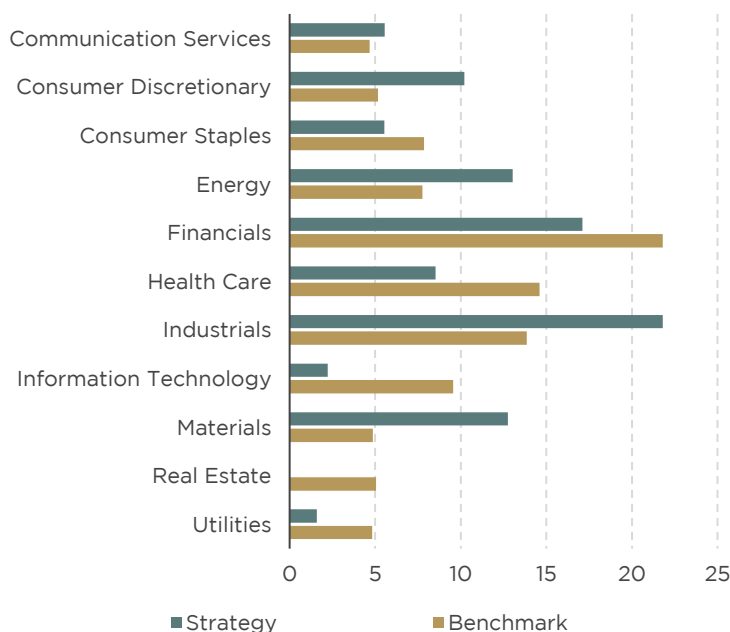
At a Glance

- Primary Benchmark: Russell 1000® Value Index
- Universe: Large-capitalization U.S. common stocks
- We purchase stocks with attractive valuations as indicated by either a low P/E or P/B and with high rankings based on our quantitative multifactor score.
- The factor weights in our multifactor score vary depending on market conditions as determined by our dynamic shifting tool.
- Our portfolios generally purchase all stocks on a capitalization-weighted basis.
- Cash is residual of the investment process. We manage portfolios with the goal of remaining fully invested at all times.

Characteristics^{1,2}

	Strategy	Benchmark
Price-to-Earnings ³	12.1	17.6
Price-to-Book	2.8	2.5
Dividend Yield (%)	2.4	2.3
Avg. Market Cap (\$B)	73.2	139.5
Current # of Securities	109	849
Turnover (% LTM)	115.9	-

Sector Weights^{1,2} (%)



Assets Under Management (M) (Shown in USD)

Brandywine Global, Firmwide	59,468
Diversified Value Equity Product Group	8,275
Dynamic Large Cap Value Equity	1,914

Calendar Year Returns² (%) (Results shown in USD)

	Gross	Net	R1000V	S&P 500
2023	9.14	8.44	11.46	26.29
2022	-5.54	-6.16	-7.54	-18.11
2021	30.13	29.30	25.16	28.71
2020	8.26	7.56	2.80	18.40
2019	28.13	27.31	26.54	31.49
2018	-8.47	-9.07	-8.27	-4.38
2017	22.73	21.95	13.66	21.83
2016	10.95	10.16	17.34	11.96
2015	-2.93	-3.66	-3.83	1.38
2014	11.80	10.98	13.45	13.69
2013	47.50	46.44	32.53	32.39

Risk Characteristics² (Composite Net of Fees) (Since Inception)

Sharpe Ratio	0.50
Sortino Ratio	0.70
Information Ratio	0.62

Top Ten Holdings^{1,2} (%)

Csx Corp	4.4
Lockheed Martin Corp	4.3
Gilead Sciences Inc	3.8
General Electric Co	3.7
Aflac Inc	3.4
American International Group Inc	3.3
Conocophillips	3.3
Marathon Petroleum Corp	2.7
Norfolk Southern Corp	2.5
Nucor Corp	2.5

Lead Portfolio Managers



Michael J. Fleisher
Portfolio Manager
30 Years of Experience



Henry F. Otto
Managing Director & Portfolio Manager
42 Years of Experience



Steven M. Tonkovich
Managing Director & Portfolio Manager
36 Years of Experience



Annualized Returns (%) (Results shown in USD)

	Gross	Net	R1000V	S&P 500
QTD	7.64	7.47	9.50	11.69
YTD	9.14	8.44	11.46	26.29
1 Year	9.14	8.44	11.46	26.29
3 Year	10.29	9.58	8.86	10.00
5 Year	13.22	12.49	10.90	15.68
7 Year	11.10	10.39	8.32	13.41
10 Year	9.66	8.93	8.39	12.03
Since Inception	10.25	9.48	6.78	9.56

Inception Date: 1/1/2007

GIPS Information (%) (Results shown in USD)

Year or YTD	Gross	Net	R1000V	S&P 500	# of Accounts	Market Value (M)	Total Firm Assets (M)	Composite Dispersion	Composite Rolling 3Y SD	R1000V Rolling 3Y SD	S&P 500 Rolling 3Y SD
2023	9.14	8.44	11.46	26.29	39	1,892	59,468	0.17	17.20	16.51	17.29
2022	-5.54	-6.16	-7.54	-18.11	37	1,774	52,601	0.02	21.42	21.25	20.87
2021	30.13	29.30	25.16	28.71	32	958	67,356	0.08	19.65	19.06	17.17
2020	8.26	7.56	2.80	18.40	30	812	63,872	0.26	20.47	19.62	18.53
2019	28.13	27.31	26.54	31.49	25	698	74,024	0.11	13.87	11.85	11.93
2018	-8.47	-9.07	-8.27	-4.38	16	724	70,070	0.20	12.28	10.82	10.80
2017	22.73	21.95	13.66	21.83	17	908	74,382	0.26	11.93	10.20	9.92
2016	10.95	10.16	17.34	11.96	14	721	65,498	0.21	12.42	10.77	10.59
2015	-2.93	-3.66	-3.83	1.38	9	461	68,819	0.11	12.59	10.68	10.47
2014	11.80	10.98	13.45	13.69	8	295	63,375	-	10.49	9.20	8.97
2013	47.50	46.44	32.53	32.39	3	35	50,050	-	13.57	12.70	11.94

Data as of December 31, 2023 R1000V = Russell 1000 Value S&P 500 = S&P 500 Organization: Brandywine Global Investment Management, LLC (the "Firm") is a wholly owned, independently operated, subsidiary of Franklin Resources, Inc. Brandywine Global Investment Management, LLC claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Brandywine Global Investment Management, LLC has been independently verified for the periods January 1, 1993 through June 30, 2022. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. The Dynamic Large Cap Value Composite has had a performance examination for the periods January 1, 2007 through June 30, 2021. The verification and performance examination reports are available upon request. Policies for valuing investments, calculating performance, and preparing GIPS Reports are available upon request. Disclosed total firm assets represent the total market value of all discretionary and nondiscretionary, fee-paying and non-fee-paying assets under the Firm's management. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein. Composite Description: Dynamic Large Cap Value Equity Composite (the "Composite") Inception date: January 1, 2007. Creation date: January 1, 2007. The Composite includes all discretionary accounts invested in a portfolio of large capitalization U.S. common stocks. The strategy employs a pure quantitative strategy. Securities are screened from the universe of U.S. companies based on their trailing P/E, P/B (companies must fall in the value segment of the universe using P/E, P/B). The combined quantitative multi factor selection process results in holdings of 100 - 250 company's stocks. Sector weights are a result of bottom-up stock selection and may deviate from the weightings in the benchmark index. Primary Benchmark Description: The Russell 1000 Value Index measures companies from the Russell 1000 Index that exhibit lower price to book and price to earnings ratios and lower forecasted growth values. Secondary Benchmark Description: The S&P 500 is a broad measure of U.S. domestic large cap stocks. The 500 stocks in this capitalization-weighted index are chosen based on industry representation, liquidity, and stability. Performance Calculation: Preliminary data, if so noted, reflects unreconciled data for the most recent reporting period. Portfolios are valued daily on a trade date basis and include dividends and interest as well as all realized and unrealized capital gains and losses. Return calculations at the portfolio level are time-weighted to account for periodic contributions and withdrawals. Performance results are calculated on a before tax, total return basis. Prior to July 1, 2007, portfolios were included in the Composite beginning with the first full quarter of performance through the last full quarter of performance. After July 1, 2007, portfolios are included in the Composite beginning with the first full month of performance through the last full month of performance. Composite returns are reported on quarterly basis. The Composite returns consist of size-weighted portfolio returns using beginning of period values to weight the portfolio returns. Monthly linking of interim performance results is used to calculate quarterly and annual returns. Composite's valuations and returns are computed in U.S. Dollars ("USD"). The results are presented in USD or in other currencies (to accommodate overseas investors), the latter by converting monthly USD returns into other currency returns using the appropriate currency exchange rate returns. Gross returns reflect the deduction of trading expenses. Net-of-fees returns is calculated using a model approach whereby we use the current highest tier of the appropriate strategy's fee schedule as disclosed in the Form ADV. Composite dispersion is calculated using the asset-weighted standard deviation method for all portfolios that were in the Composite for the entire year. Composite dispersion is not presented for periods with five or fewer portfolios. The number of accounts and market values are as of the end of the period. The three-year annualized standard deviation, calculated using gross-of-fee returns, measures the variability of the composite and the benchmark returns over the preceding 36-month period. Gross-of-fees returns are used to calculate the presented risk measures. A complete list of composites, and limited distribution pooled funds descriptions as well as a list of broad distribution pooled funds is available upon request. Fee Schedule: Institutional Client Separate Account Management Fee Schedule (minimum initial investment: \$5 million): 0.650% on the first \$10 million; 0.450% on the next \$40 million; 0.400% on the next \$50 million; 0.300% on the next \$100 million, and 0.250% on any portion of assets in excess of \$200 million. Additional information on the Firm's fee schedule can be found in Form ADV Part 2A which is available upon request. One composite member has a base fee and performance fee that is capped at 48bps if excess return exceeds 4% on a rolling 12 quarter basis. **Past performance is no guarantee of future results.**

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Disclosures

Benchmark = R1000V

R1000V = Russell 1000® Value Index S&P 500 = S&P 500® Index

- 1 The data represent the aggregate characteristics of all securities held in the respective Representative Portfolio, an actual commission account not subject to taxation, and are included for informational purposes only. The Portfolio Characteristics of any particular account may vary based on any investment restrictions applicable to that account.
- 2 Supplemental Information to the attached Dynamic Large Cap Value GIPS report.
- 3 Portfolio characteristics calculation uses weighted harmonic average methodology.

Source: Bloomberg (© 2024, Bloomberg Finance LP), which Brandywine Global believes to be accurate and reliable. Investing involves certain risks, including possible loss of principal. You should understand and carefully consider a strategy's objectives, risks, fees, expenses and other information before investing. In rendering portfolio management services, Brandywine Global Investment Management, LLC may use the portfolio management services, research and other resources of its affiliates. The views expressed in this document are not intended to be a recommendation or investment advice and do not take into account the individual financial circumstances or objectives of the investor who receives it. The securities described herein may not be suitable for all investors. There is no guarantee that Brandywine Global will meet any of its investment objectives. Individual securities mentioned are intended as examples of portfolio holdings and are not intended as buy or sell recommendations. Characteristics, holdings and sector weightings are subject to change and should not be considered as investment recommendations. There is no guarantee that holding securities with relatively high (or low) price-to-earnings, price-to-book or price-to-cash flow ratios will cause the portfolio to outperform its benchmark or index. All indices are unmanaged and are not available for direct investment. Indices do not incur costs including the payment of transaction costs, fees and other expenses. This information should not be considered a solicitation or an offer to provide any Brandywine Global Investment Management, LLC service in any jurisdiction where it would be unlawful to do so under the laws of that jurisdiction. Stated assets under management may include some portfolios that are not contained in the strategy's composite. Some portfolios may fall into multiple strategies as the portfolio(s) meet the definition of multiple composites. Target Returns are aspirational in nature; criteria and assumptions were not used in their calculation. Performance results of the named strategy are presented gross and net of management fees. Gross performance returns include transaction costs but do not reflect the deduction of Brandywine Global's management fee. Net performance returns reflect the deduction of all applicable management fees and expenses, before custody charges, withholding taxes and other indirect expenses. Gross and net performance returns over one year are annualized and assume the reinvestment of all dividends, interest, and capital gains. Please refer to Part 2A of Brandywine Global's Form ADV for a description of its advisory fees. As fees are deducted quarterly, the compounding effect will be to increase the impact of fees by an amount directly related to the gross account performance. The above are the views of Brandywine Global and are not intended as a forecast or guarantee of future results. Brandywine Global's selection process may prove incorrect, which may have a negative impact on performance. Please refer to our GIPS® reports, which include performance footnotes, fee schedules, detailed index descriptions, and disclosures. **Past performance is no guarantee of future results.**

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