

# Diversified Large Cap Value Equity

## Objective

We seek to outperform the Russell 1000® Value Index by investing in undervalued large-cap stocks, as identified by a low price-to-earnings (P/E) or price-to-book (P/B) ratio, while maintaining a low tracking error, typically between 2-4% versus the index.

## Investment Process Summary

We manage the portfolios with a disciplined combination of quantitative and fundamental investment styles. Our investment strategy employs a deselection approach with the goal of identifying and avoiding undervalued stocks that we believe will have difficulty outperforming the benchmark. Our low tracking error discipline enhances long-term returns by reducing significant drawdowns versus the benchmark. We utilize a team-oriented process with experienced investment managers.

## Investable Universe

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

- Market capitalizations among the top 800 largest U.S. stocks
- P/E ratios among the lowest 40% or P/B ratios among the lowest 25% in this universe

## Deselection Process

From the resulting 350-500 large-cap value companies, we quantitatively eliminate stocks with:

- Weak stock price momentum, as these stocks often continue to underperform
- High relative share issuance, which often precedes weaker stock returns

We perform our fundamental analysis on the remaining 200-300 companies. We seek to understand why each is undervalued to avoid stocks that are unlikely to return to a normal valuation. Our focused research process allows us to efficiently manage a diversified portfolio of companies with desirable characteristics. Our in-depth review includes:

- Adjusting reported earnings and book values to purchase only genuinely undervalued stocks;
- Eliminating stocks with significant pre-announced earnings deterioration; and
- Excluding stocks with severe fundamental decline or substantial financial, legal, or product risks.

## Portfolio Management

The portfolio holds approximately 175-250 stocks to diversify risk and enhance liquidity. We initially weight each stock's position proportional to its market capitalization. We will deviate from strict capitalization weight if necessary to maintain our tracking error targets versus the index. Industry and sector weightings are the direct result of our bottom-up investment process and our tracking error management.

Typically, we sell a stock when: its P/E and P/B ratios are both no longer undervalued, its market cap no longer qualifies as large cap, its price momentum lags the market sufficiently to trigger our stop loss control, a substantial number of new shares are issued, or fundamentals deteriorate significantly.

## Our Competitive Advantage

The strategy combines the advantages of the discipline found in a quantitative process with fundamental analysis targeted to avoid potential poor performers. Managing return differences versus the benchmark helps limit significant downside to the index and benefits long-term returns. Our team has managed portfolios in the Diversified style for over 25 years.



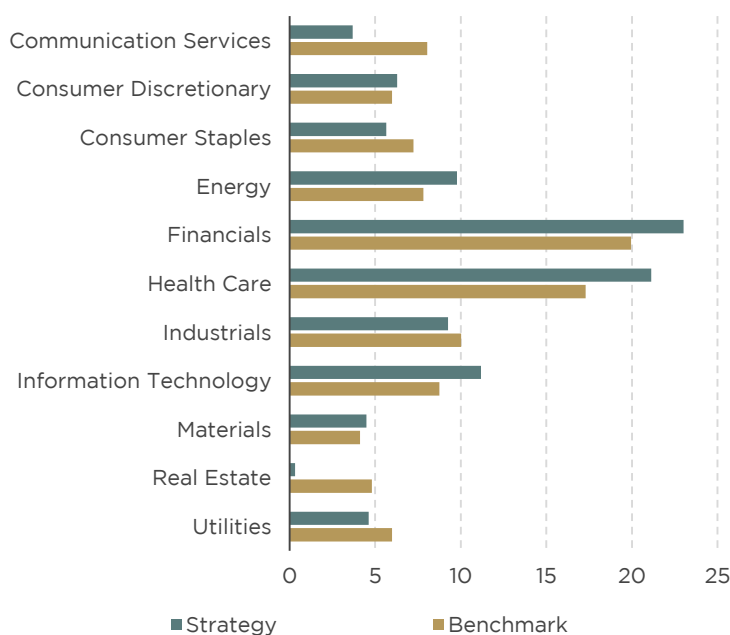
## At a Glance

- Primary Benchmark: Russell 1000® Value Index
- Universe: Large-capitalization U.S. common stocks
- We purchase stocks with a low valuation based on either P/E or P/B that pass through our quantitative and fundamental deselection processes
- Our portfolios generally purchase all holdings on a capitalization-weighted basis with exceptions to keep tracking error in the 2-4% range versus the index
- Cash is residual of the investment process, and we manage portfolios with the goal of remaining fully invested at all times

## Characteristics<sup>1,2</sup>

	Strategy	Benchmark
Price-to-Earnings <sup>3</sup>	10.4	14.0
Price-to-Book	2.3	2.2
Dividend Yield (%)	3.1	2.5
Avg. Market Cap (\$B)	113.2	136.5
Current # of Securities	229	855
Turnover (% LTM)	34.3	-

## Sector Weights<sup>1,2</sup> (%)



## Assets Under Management (M) (Shown in USD)

Brandywine Global, Firmwide	51,780
Diversified Value Equity Product Group	7,489
Diversified Large Cap Value Equity	5,588

## Calendar Year Returns<sup>2</sup> (%) (Results shown in USD)

	Gross	Net	R1000V	S&P 500
2022	-14.65	-15.01	-17.75	-23.87
2021	30.83	30.13	25.16	28.71
2020	-0.64	-1.19	2.80	18.40
2019	26.60	25.92	26.54	31.49
2018	-8.19	-8.70	-8.27	-4.38
2017	21.05	20.40	13.66	21.83
2016	15.13	14.50	17.34	11.96
2015	-2.28	-2.98	-3.83	1.38
2014	13.22	12.39	13.45	13.69
2013	33.09	32.12	32.53	32.39
2012	16.05	15.20	17.51	16.00

## Risk Characteristics<sup>2</sup> (Composite Net of Fees) (Since Inception)

Sharpe Ratio	0.37
Sortino Ratio	0.48
Information Ratio	0.27

## Top Ten Holdings<sup>1,2</sup> (%)

Exxon Mobil Corp	4.3
Jpmorgan Chase & Co	3.5
Bank Of America Corp	3.2
Oracle Corp	2.8
Abbvie Inc	2.7
Pfizer Inc	2.5
Merck & Co Inc	2.4
Lowe's Cos Inc	2.2
Cisco Systems Inc	2.1
Elevance Health Inc	1.8

## Lead Portfolio Managers



**Joseph J. Kirby**  
Portfolio Manager  
30 Years of Experience



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



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

Data as of September 30, 2022  
Past performance is no guarantee of future results.



## Annualized Returns (%) (Results shown in USD)

	Gross	Net	R1000V	S&P 500
QTD	-5.48	-5.61	-5.62	-4.88
YTD	-14.65	-15.01	-17.75	-23.87
1 Year	-8.49	-8.99	-11.36	-15.47
3 Year	6.61	6.02	4.36	8.15
5 Year	6.71	6.13	5.28	9.23
7 Year	9.53	8.93	8.14	11.39
10 Year	10.23	9.56	9.17	11.70
Since Inception	8.03	7.31	6.46	6.44

Inception Date: 4/1/1999

## GIPS Information (% , unless otherwise noted) (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
2022	-14.65	-15.01	-17.75	-23.87	11	5,585	51,780	0.01	19.77	20.17	20.02
2021	30.83	30.13	25.16	28.71	9	7,452	67,356	0.08	19.33	19.06	17.17
2020	-0.64	-1.19	2.80	18.40	11	6,928	63,872	0.03	19.82	19.62	18.53
2019	26.60	25.92	26.54	31.49	11	7,456	74,024	0.02	12.88	11.85	11.93
2018	-8.19	-8.70	-8.27	-4.38	11	7,143	70,070	0.02	11.96	10.82	10.80
2017	21.05	20.40	13.66	21.83	10	7,883	74,382	0.17	11.35	10.20	9.92
2016	15.13	14.50	17.34	11.96	10	7,397	65,498	0.14	11.74	10.77	10.59
2015	-2.28	-2.98	-3.83	1.38	10	7,257	68,819	0.05	11.19	10.68	10.47
2014	13.22	12.39	13.45	13.69	8	5,898	63,375	0.03	9.16	9.20	8.97
2013	33.09	32.12	32.53	32.39	7	3,406	50,050	0.02	11.70	12.70	11.94
2012	16.05	15.20	17.51	16.00	7	2,666	42,894	0.06	14.66	15.51	15.09

Data as of September 30, 2022. 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, 2021. 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 Diversified Large Cap Value Composite has had a performance examination for the periods April 1, 1999 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: Diversified Large Cap Value Equity Composite (the "Composite") Inception date: April 1, 1999. Creation date is April 1, 1999. The Composite includes all fully discretionary, actively managed accounts with no minimum market value requirement and no investment restrictions. The composite is primarily invested in large capitalization U.S. common stocks with Price-to-Earnings ratios below the 40th percentile or Price-to-Book ratios below the 25th quartile, favorable change in share issuance, and attractive price momentum. The portfolios typically hold approximately 150 - 250 securities. A non fee-paying account was the sole account in the composite from 1999-2005. As of June 30, 2019, non fee-paying account represented less than 1% of composite assets. 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 performance returns of the named strategy reflect the deduction of all applicable management fees and expenses, before custody charges, withholding taxes and other indirect expenses. Please refer to Part 2A of Brandywine Global's Form ADV for a description of its advisory fees. 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-fee 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: \$25 million): 0.550% on the first \$50 million; 0.400% on the next \$150 million; 0.350% on the next \$200 million; 0.300% on the next \$250 million, and 0.250% on any portion of assets in excess of \$650 million. Institutional Client Commingled Account Management Investment Trust Fee Schedule (minimum initial investment: \$1 million): 0.550% on the first \$50 million; 0.400% on the next \$150 million; 0.350% on the next \$200 million; 0.300% on the next \$250 million, and 0.250% on any portion of assets in excess of \$650 million. Additional information on the Firm's fee schedule can be found in Form ADV Part 2A which is available upon request. **Past performance is no guarantee of future results.**

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## Disclosures

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 Diversified Large Cap Value GIPS composite presentation.
- 3 Portfolio characteristics calculation uses weighted harmonic average methodology.

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