

Active Quantitative Equity

A Pioneer in Quantitative and Sustainable Investing

World Enhanced Strategy

Why State Street Global Advisors?

29 global offices

11 investment centers

500+ investment professionals

24-hour trading capabilities; Traders in Boston, London and Hong Kong

25 years of experience in managing enhanced equity portfolios

Why Enhanced?

- Potential to provide a modest amount of excess return while closely adhering to benchmark characteristics.
- Minimizes allocation of active risk budgets
- Targets the 'sweet spot' of excess risk/return spectrum in search for risk-efficient alpha
- Rigorous and multi-dimensional approach to risk management seeks to achieve diversification and minimize unintended stock-specific and macro-factor risks.

Ways Investors Can Benefit

- Offers a lower-risk solution for investors seeking diversification with higher-risk active strategies or an alternative to indexed solutions.
- As investors contemplate lower capital market returns going forward on core portfolio assets, an additional 75–100bps of alpha from their equity line-up can become meaningful.
- Strict risk controls for deviations from index allow for a low tracking error, constrained active positions to limit concentration and targeted low turnover to limit trading costs.

Investment Objective

- Seeks to outperform the MSCI World Index (net dividends reinvested) by 0.75–1.00% p.a. over a 3–5 year period.
- Active risk expected to be between 0.25–1.25% p.a. over a 3–5 year period.

The above figures are estimates based on certain assumptions and analysis made by State Street Global Advisors. There is no guarantee that the estimates will be achieved.

Robust performance is a function of the **precision of our forecasts**, the **number of independent forecasts** we can use, and our **ability to express these** in clients' portfolios.

Investment Philosophy

- Market inefficiencies exist due to behavioral biases and limits to arbitrage—leading to opportunities for excess return.
- Our insights are applied to a wide investment universe with a robust and systematic investment process.
- A strong emphasis on economic rationale, vetted by rigorous research is critical to help ensure successful outcomes.

Investment Process

Research

Innovation is critical to continual process improvement. We dedicate significant resources to finding and exploiting market inefficiencies.

Stock Selection

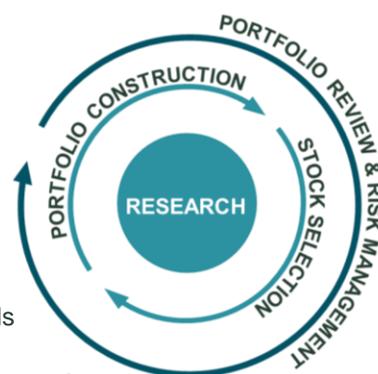
We forecast security returns by analyzing company fundamentals and the actions of market participants – from both bottom up and top down perspectives.

Portfolio Construction

We balance return forecasts with expected risks and transaction costs to optimally reflect our investment insights in portfolio holdings.

Portfolio Review and Risk Management

We regularly review the drivers of return and seek to take sufficient risk to achieve risk/return targets, without exposing investors to any unintended biases such as size, beta and style. Our portfolios have benefited from prudent risk limits at the security, sector and country levels.



Intuitive Process

Sound intuition combined with behavioral finance insights provides the ability to systematically identify mispriced stock opportunities.

Objectivity and Breadth

Systematic process lends well to providing the breadth of coverage and depth of expertise to evaluate the vast universe of data and adapt to changing variables.

Built for Purpose

Alpha engine allows us to efficiently manage investment challenges such as taxation, liquidity constraints and barriers to entry.

Experience

Portfolio optimization process which has been fine-tuned through our experience with managing enhanced strategies and navigating multiple market cycles.

ESG Integration

ESG is systematically integrated into the stock selection model as a component of the Quality theme, providing scores for nearly 4,000 companies worldwide.

Potential Reward

Solid performance versus benchmark in varying market environments due to uncorrelated model themes that seek to capture diverse sources of return.

Global Team Highlights

as of June 30, 2019

US\$32B in Active Quantitative
Equity assets under management

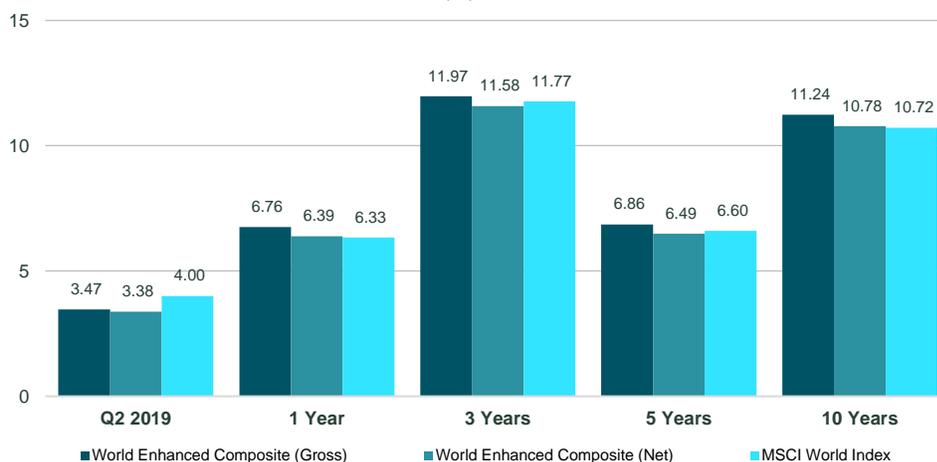
25 portfolio managers
Average 15 years' industry experience

21 quantitative equity researchers
Average 13 years' industry experience

14 CFAs

8 PhD designations

Annualized Performance (%) in USD as of June 30, 2019



Source: State Street Global Advisors
Inception date February 2002

Returns greater than one year are annualized. Returns represent past performance and are not a guarantee of future results. Current performance may differ from the performance shown. Returns shown are asset-weighted using Composite (as defined below) member market values, where the Composite member's return calculations are time-weighted and reflect the reinvestment of dividends and other income.

Composite gross: These performance figures are provided gross of fees and expenses other than actual trading fees and expenses, and reflect all items of income, gain, and loss (other than unrealized gain or loss on units of the securities lending pools held by any portfolio in the Composite). The performance figures do not take account of the mark to market value of the units of the securities lending cash collateral pools held by any of the portfolios in the Composite. If they had, the performance shown would have been lower.

Composite net: These performance figures (i) are provided net of actual trading, audit, custody, administrative and legal fees and expenses; (ii) beginning on 9/30/2014, adjusted quarterly to reflect the highest investment management fee on the actual fee schedule, inclusive of incentive fee, if any, of any account within the Composite ("Management Fee") at the relevant time; prior to 9/30/2014, adjusted for an assumed investment management fee, which is equal to or higher than the Management Fee (except in each case certain small accounts-subject to a minimum investment management fee-may have incurred an actual investment management fee higher than that fee assumed in calculating the performance shown above); and (iii) reflect all items of income, gain and loss (other than unrealized gain or loss on units of the securities lending pools held by any portfolio in the Composite).

Index returns are unmanaged and do not reflect the deduction of any fees or expenses. Index returns reflect all items of income and the reinvestment of dividends (net of withholding tax rates) and other income and are calculated in U.S. dollars. It is not possible to invest directly in an index.

Performance returns are calculated in U.S. dollars.

Risk Statistics gross of fees, in USD as of June 30, 2019

Annualized 36 Months

Standard Deviation	11.05	Sharpe Ratio	0.96
Beta	0.99	Information Ratio	0.30
Tracking Error	0.67	Correlation to Benchmark	1.00

Characteristics as of June 30, 2019

	Portfolio	MSCI World Index
Annual Dividend Yield (Trailing 12 Months)	2.65%	2.45%
Composite Assets Under Management (US\$M)	933.41	--
Estimated 3-5 Year EPS Growth	9.45%	10.19%
Price/Book Ratio	2.19x	2.33x
Price/Earnings (Forward 12 Months)	14.86x	16.24x
Total Number of Holdings	545	1654
Weighted Average Market Cap (US\$B)	149.89	148.68

The Supplemental Information above (except for the Beta, Standard Deviation and Composite AUM) is that of a single representative account within the Composite, which is subject to change. The representative account was chosen because it has no material restrictions and fairly represents the investment style of the Strategy. The Supplemental Information should not be deemed to be reflective of (and could differ from) the overall Composite or any other single account within the Composite. Certain Supplemental Information may be rounded to the nearest hundredth decimal and may result in the total not adding up to 100. Characteristics are calculated using the month-end market value of holdings of the representative account, and where averages are shown these reflect the market weights of the securities in the representative account. For beta and standard deviation, if shown, these reflect Composite month-end returns. Characteristics are as of the date indicated, are subject to change, and should not be relied upon as current thereafter. Market data, prices, and dividend estimates for characteristics calculations provided by Factset Research Systems, Inc. All other portfolio data provided by SSGA.

Glossary

Alpha The excess return of a fund relative to the return of a benchmark index.

Beta Measures the volatility of a security or portfolio in relation to the market, for example, the S&P 500 Index. A beta of 1 indicates the security will move with the market. A beta of 1.3 means the security is expected to be 30 percent more volatile than the market, while a beta of 0.8 means the security is expected to be 20 percent less volatile than the market.

Sharpe Ratio Represents the average return earned in excess of the risk free rate relative to level of volatility. It is used as a measure of risk-adjusted returns.

Standard Deviation Quantifies how much a series of numbers vary around the mean or average value. A higher standard deviation would indicate more fluctuation.

Tracking error A measure of how closely a portfolio follows the index to which it is benchmarked.

ESG Environmental, Social and Governance criteria is used by socially-conscious investors to screen potential investments.

MSCI World Index A stock market index of 'world' stocks.

Information Ratio Represents the portfolio returns above the returns of a benchmark relative to the volatility of those returns.

Correlation to Benchmark Strength of the relationship of a strategy's performance and its market, as measured by the benchmark.

Dividend Yield The ratio of dividends paid in a given year relative to its stock price.

EPS Growth Earnings per Share Growth is the percentage change in profits divided by the number of common outstanding shares

Price/Book Ratio Represents a stock's market value to the net assets of the company.

Price/Earnings Ratio Represents a stock's market value to the net assets of the company.

Weighted Average Market Cap A measure of the average size of a company in a given strategy or index, calculated by weighting the market capitalization of each stock held.

Marketing communication

State Street Global Advisors Worldwide Entities

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