

**Separately Managed Account** 

# Martin Currie Emerging Markets Portfolios

1Q 2025

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# **Gateway to investment specialists**



\$1.5 Trillion

**Alternatives** 

Alternative Credit **Digital Assets Hedged Strategies Private Equity** Real Estate

Secondaries Venture Capital

Assets under management<sup>1</sup>

\$445.7

## **Our Investment Capabilities (USD Billion)**

Equity	<b>\$597.3</b>	Fixed Income
Emerging/Frontier		Bank Loans
Global		Corporate Credit
Preferred/Convertibles		Currencies
Sector		Government
Shariah		Multi-Sector
Single Country Equity		Municipals
Thematic		Securitised
US Equity		Sustainable Bonds

\$251.8	Multi-Asset	\$176.4
	Balanced	
	Income	
	Managed Volatility	
	Model Portfolios	
	Target Date	

Target Risk **Target Volatility** 

Our Investment Managers	<b>Asset Classes</b>
Franklin Templeton (1947)	• • •
Alcentra (2002)	
Benefit Street Partners (2008)	
Brandywine Global (1986)	
Clarion Partners (1982)	
ClearBridge Investments (2005)	
Lexington Partners (1994)	
Martin Currie (1881)	
Putnam Investments (1937)	
Royce Investment Partners (1972)	
Western Asset (1971)	

Complemented by innovations in Sustainable and Impact investing, ETFs, Custom Indexing, Frontier Risk Alternatives, and others

<sup>1.</sup> AUM is in USD as of 31 March 2025. Total AUM of \$1.5 Trillion includes \$68.9 Billion in cash management that is not represented here.

# Active equity specialists since 1881



## Focused on delivering exceptional client outcomes

- · Delivering client-focused, tailored equity solutions
- Committed to high-conviction active management
- · Driven by our belief in fundamental research
- Effective stewardship of capital and differentiated ESG approach

# Effective stewardship of capital and ESG approach



## How we invest

- Considering the impact of material ESG factors
- Fully committed to an active policy of pre- and post-trade engagement
- Integration and engagement conducted by the portfolio managers directly
- Oversight from an industry-leading practitioner

## How we run our business

- Regular reporting on ESG activity and outcomes
- · Advocating policies to support a sustainable financial system
- Striving to meet the expectations we have of others

# **Martin Currie Emerging Markets Portfolios**



#### Overview

The Martin Currie Emerging Markets Portfolios provide investors with full access to the return potential of emerging market equities through a hybrid structure that uses both a pooled vehicle and American Depository Receipts (ADRs). The pooled vehicle helps Martin Currie provide clients with exposure to equity and related securities of emerging market and developing countries that are difficult to access through ADRs. The hybrid structure retains the customization and tax advantages of a Separately Managed Account (SMA) for directly held securities while broadening the investment universe through the pooled vehicle.

### **Philosophy**

Building stock-focused portfolios, driven by fundamental research that incorporates ESG analysis, is the best way to exploit market inefficiencies and generate sustainable growth.

#### **Objectives**

Seeks long-term capital appreciation through investments in equity and related securities of emerging market and developing countries across Asia, the Indian subcontinent, Latin/Central America, the Middle East, Africa, and Eastern/ Central Europe.

## **Key differentiators**

#### Distinctive Structure

- Utilizes an institutional-style hybrid approach for the strategy that combines investments in ADRs with investments in shares of a newly created pooled vehicle.
- Provides access to a greater number of emerging market companies by investing in ordinary/local shares through the nofee mutual fund.
- Retains the customization advantages of a Separately Managed Account (SMA) for directly held securities while broadening the investment universe through the pooled vehicle.

## **High-Conviction Approach**

 The investment team focuses on the highest-conviction ideas to build a stock-driven portfolio that is broadly diversified across countries and sectors.

## Risk Management

 A comprehensive risk management framework, which includes factor-based stress testing and an independent risk management team. The Portfolio is managed to ensure that relative outperformance is delivered on the strength of stock performance and not on a particular market outcome.

### **ESG Integration and Engagement**

ESG analysis is embedded into the investment process. There
is a strong focus on governance, which Martin Currie believes
is a fundamental determinant of long-term performance. With a
focus on stewardship, Martin Currie take a proactive approach
to engagement and voting activity. This has led to Martin Currie
being awarded the highest possible (A+) rating awarded by the
PRI¹.

#### **Portfolio construction**

- · High-conviction portfolio of 40-60 stocks.
- Portfolio construction is the responsibility of the entire team
- · Sophisticated risk management is key.
- Build portfolios where risk is dominated by the highconviction stock choices we make.
- Size of a position in our portfolios is determined by our risk- adjusted conviction in the idea.
- The Portfolios anticipate maintaining a minimum of 50% allocation to individual securities via ADRs.

<sup>1</sup> PRI – Principles for Responsible Investment. Engagement and voting activity is for the period 1/1/2018 through 12/31/2018. Diversification does not assure a profit or protect against market loss.

#### What are the risks?

All investments involve risks, including possible loss of principal. Equity securities are subject to price fluctuation and possible loss of principal. Small- and mid-cap stocks involve greater risks and volatility than large-cap stocks. International investments are subject to special risks, including currency fluctuations and social, economic and political uncertainties, which could increase volatility. These risks are magnified in emerging markets. The portfolio is non-diversified and may invest in a relatively small number of issuers, which may negatively impact the performance and result in greater fluctuation in value. The managers' environmental, social and governance (ESG) strategies may limit the types and number of investments available and, as a result, may forgo favorable market opportunities or underperform strategies that are not subject to such criteria. There is no guarantee that the strategy's ESG directives will be successful or will result in better performance. Derivative instruments can be illiquid, may disproportionately increase losses, and have a potentially large impact on performance.

# Martin Currie Emerging Markets Portfolios investment process





## Idea generation

- Investment ideas are generated from within our team, the wider Martin Currie investment team, in-country trips, sectorspecific screens, company meetings or industry contacts.
- Companies are also screened for quality and growth characteristics.



#### Fundamental research

- This step focuses on understanding the drivers that could lead to longterm, sustainable growth.
- A qualitative understanding of the company includes ESG analysis to help deepen conviction. Top-down factors are considered as a source of risk.



## Stock discussion

- Each investment thesis is discussed, debated and challenged.
- Unanimous approval moves the stock to the Approved Research List of approximately 100 companies.



#### Portfolio construction

- The entire team determines the weights and inclusion of stocks in the portfolios.
- Portfolio changes require broad agreement across the Emerging Markets team before being actioned.

# The Martin Currie SMA Opportunity



Martin Currie is uniquely positioned to offer wider exposure to emerging markets through the use of a registered no-fee mutual fund owned within the SMA.

## This hybrid structure:

- · Broadens the investment opportunity.
- Retains tax and customization advantages on those securities held directly in the SMA.
- · Retains the cost advantages associated with model delivery.
- Seeks to replicate our representative Emerging Markets strategy by name and weight.

## Martin Currie SMA Portfolio Construction

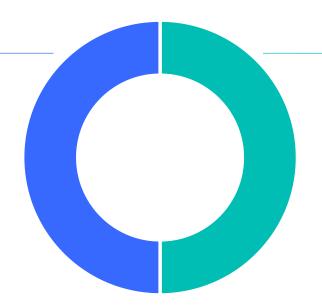


Martin Currie portfolios will normally maintain a minimum of 50% of the portfolio in individual securities. These individual securities will consist of ADRs. The no fee fund will make up the remainder of the portfolio and give Martin Currie access to local shares and markets where ADRs are scared or unavailable such as India, South Korea and Taiwan.

## Portfolio composition

## Individual securities

- · Typically, 20-40 securities
- · ADRs and U.S. listings
- · >50% of SMA



## No-fee fund (Emerging Markets Equities)

- · Ordinary shares from across universe
- Provides access to countries where ADRs are scarce/unavailable <50% of overall Portfolio
- Anticipated 30-49%

For illustrative purposes only.

Allocations are subject to change.

# **Equity portfolio characteristics** As of 3/31/2025



Sector weightings (%)	Emerging Markets
Financials	27.41
Information Technology	26.59
Consumer Discretionary	18.76
Communication Services	8.67
Materials	4.92
Industrials	4.82
Energy	3.12
Health Care	2.57
Consumer Staples	1.65
Unassigned	0.30
Cash & Cash Equivalents	1.20

Market Capitalization	Emerging Markets
<3 Billion	1.13
3-10 Billion	4.81
10-25 Billion	10.63
25-50 Billion	20.89
>50 Billion	61.04
Cash	1.20

Equity portfolio characteristics	<b>Emerging Markets</b>
Estimated 3-5 Year EPS Growth	12.32%
Price to Earnings (12-Month Forward)	15.39x
Dividend Yield	1.58%
Median Market Cap (Millions USD)	\$89,236
Weighted Average Market Capitalization (Millions USD)	\$206,441

Source: FactSet. Portfolio characteristics are based on a model portfolio, not an actual client account. The model portfolio is a hypothetical portfolio whereby the portfolio characteristics are based on simulated trading and account activity of a client account invested in this strategy. The model portfolio assumes no withdrawals, contributions or client-imposed restrictions. Portfolio characteristics of individual client accounts may differ from those of the model portfolio as a result of account size, client-imposed restrictions, the timing of client investments, market conditions, contributions, withdrawals and other factors. Please see Endnotes for additional information. Please see appendix for term definitions.

P/E ratio Year 1 and Long-term EPS growth are provided by I/B/E/S, are inherently limited and should not be used as an indication of future performance.

Yields and dividends represent past performance and there is no guarantee they will continue to be paid.

# **Equity portfolio characteristics** As of 3/31/2025



Top country weightings (%)	Emerging Markets
China	28.80
India	22.73
Taiwan	14.66
South Korea	11.91
Brazil	3.77
Saudi Arabia	3.03
Indonesia	2.11
Mexico	1.93
South Africa	1.92
United Kingdom	1.76
Hong Kong	1.73
United States	1.67
Uruguay	1.38
Poland	1.16
Luxembourg	0.99
Unassigned	0.30
Philippines	0.15

Top equity holdings (%)	<b>Emerging Markets</b>
Taiwan Semiconductor Manufacturing Co Ltd	9.03
Tencent Holdings Ltd	8.67
Alibaba Group Holding Ltd	5.04
HDFC Bank Ltd	4.54
ICICI Bank Ltd	3.75
Meituan	2.53
China Merchants Bank Co Ltd	2.48
Capitec Bank Holdings Ltd	1.92
Ping An Insurance Group Co of China Ltd	1.88
AIA Group Ltd	1.73
Total	41.58

## **Performance**



## Annualized rates of return – pure gross and net of fees (%) as of March 31, 2025

	1 Mth	3 Mths	YTD	1 Year	3 Year	5 Year	7 Yrs	10 Year	15 Yrs	20 Year	25 Yrs
Emerging Markets –Pure Gross of Fees—(USD)	1.09	3.18	3.18	5.56	-0.76	6.01	1.10	4.74	4.04	6.45	5.57
Emerging Markets –Net of Fees—(USD)	0.83	2.39	2.39	2.40	-3.74	2.83	-1.93	1.59	0.92	3.26	2.41
MSCI EM Index Mix—(USD)	0.63	2.93	2.93	8.09	1.44	7.94	1.59	3.82	3.23	6.29	5.93

## Calendar-year total returns - pure gross and net of fees (%) ending December 31

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Emerging Markets –Pure Gross of Fees—(USD)	3.85	6.35	-25.37	-3.65	27.84	27.96	-17.56	49.15	12.56	-12.64
Emerging Markets –Net of Fees—(USD)	0.74	3.16	-27.61	-6.54	24.00	24.12	-20.04	44.68	9.18	-15.26
MSCI EM Index Mix—(USD)	7.50	9.83	-20.09	-2.54	18.31	18.44	-14.57	37.75	11.60	-14.60

The MSCI EM Index Mix: Prior to January 31, 2018, the index used was the MSCI EM (Emerging Markets) Index (gross income). After January 31, 2018, the index used was the MSCI EM (Emerging Markets) Index (net income).

Periods less than one year are not annualized. Performance results are for the composite which includes all actual, fully discretionary accounts with substantially similar investment policies and objectives managed to the composite's investment strategy. Composite returns are stated in U.S. dollars and assume reinvestment of any dividends, interest income, capital gains, or other earnings. The composite may include account(s) that are gross of fees and pure gross of fees. "Pure" gross-of-fee returns do not reflect the deduction of any expenses, including transaction costs. A traditional (or "true") gross-of-fee return reflects performance after the reduction of transaction costs but before the reduction of the investment advisory fee. The gross-of-fee return may include a blend of "true" gross-of-fee returns for non-wrap accounts and "pure" gross-of-fee returns for wrap accounts. Net-of-fee returns are reduced by a model "wrap fee" (3.0% is the maximum anticipated wrap fee for equity and balanced portfolios) which includes trading expenses as well as investment management, administrative and custodial fees. The model wrap fee used represents the highest anticipated wrap fee applicable to the strategy. Actual fees and account minimums may vary.

For fee schedules, contact your financial professional, or if you enter into an agreement directly with Franklin Templeton Private Portfolio Group, LLC ("FTPPG"), refer to FTPPG's Form ADV Part 2A disclosure document. Management and performance of individual accounts may vary for reasons that include the existence of different implementation practices and model requirements in different investment programs. Past performance is not a guarantee of future results. Please see appendix for GIPS® Report and term definitions.

Performance after Oct. 1, 2010, reflects that of the current Portfolio Management Team.

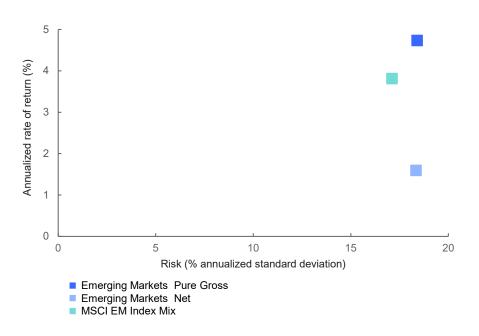
#### IMPORTANT PERFORMANCE CALCULATION

Beginning February 1, 2018, the composite includes only SMA portfolios that are managed in accordance with the Martin Currie Global Emerging Markets strategy. Prior to February 2018, performance results were calculated using the Martin Currie Global Emerging Markets Composite, which was comprised of institutional accounts. Net total returns were calculated by reducing the institutional pure gross-of-fees performance by the highest bundle fee of 3.0%. Martin Currie follows substantially the same investment philosophy, strategies and processes in managing SMA portfolios that it does in managing institutional portfolios. The performance of the Martin Currie Global Emerging Markets SMA Composite may vary from the performance of the institutional composite, especially over shorter time periods and during periods of extraordinary market conditions. The SMA portfolios are implemented through a combination of individual holdings along with an allocation to a no-load mutual fund share created to allow the portfolio managers to replicate the same themes and characteristics of the managed institutional and mutual fund strategy. Members in the institutional composite typically hold individual securities. 11

# Risk/return profile



Pure gross and net of fees (based on 10-year period ending March 31, 2025)



## Modern portfolio statistics as of March 31, 2025

	Emerging Markets Pure Gross	Emerging Markets Net	MSCI EM Index Mix
Annualized Return (%)	4.74	1.59	3.82
Annualized Standard Deviation (%)	18.40	18.35	17.11
Sharpe Ratio	0.24	0.07	0.19
Beta	1.04	1.04	N/A
Alpha (%)	0.98	-2.05	N/A
R-Squared	0.94	0.94	N/A

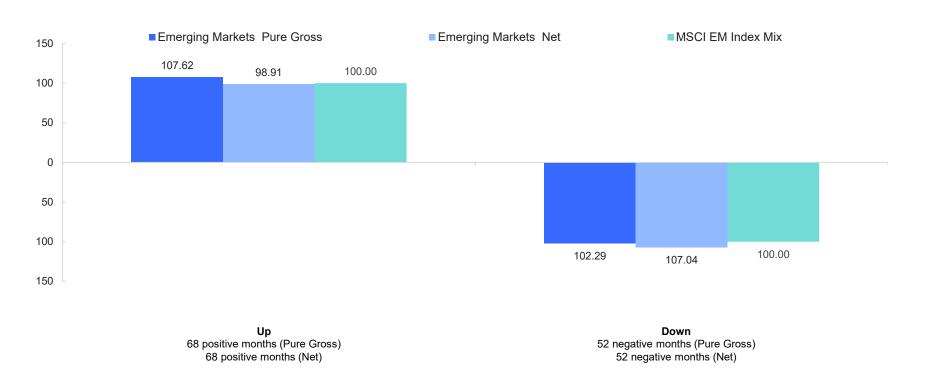
Alpha, Beta, Sharpe Ratio, and R-Squared are shown versus the Index. Investors cannot invest directly in an index and unmanaged index returns do not reflect any fees, expenses or sales charges. Periods less than one year are not annualized. Performance results are for the composite which includes all actual, fully discretionary accounts with substantially similar investment policies and objectives managed to the composite's investment strategy. Composite returns are stated in U.S. dollars and assume reinvestment of any dividends, interest income, capital gains, or other earnings. The composite may include account(s) that are gross of fees and pure gross of fees. "Pure" gross-of-fee returns do not reflect the deduction of any expenses, including transaction costs. A traditional (or "true") gross-of-fee returns fer enduction of transaction costs but before the reduction of the investment advisory fee. The gross-of-fee return may include a blend of "true" gross-of-fee returns for wrap accounts. Net-of-fee returns are reduced by a model "wrap fee" (3.0% is the maximum anticipated wrap fee for equity and balanced portfolios) which includes trading expenses as well as investment management, administrative and custodial fees. The model wrap fee used represents the highest anticipated wrap fee applicable to the strategy. Actual fees and account minimums may vary.

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# Up down market capture ratios (%)



Pure Gross and net of fees (based on 10-year period ending March 31, 2025)



Periods less than one year are not annualized. Performance results are for the composite which includes all actual, fully discretionary accounts with substantially similar investment policies and objectives managed to the composite's investment strategy. Composite returns are stated in U.S. dollars and assume reinvestment of any dividends, interest income, capital gains, or other earnings. The composite may include account(s) that are gross of fees and pure gross of fees. "Pure" gross-of-fee returns do not reflect the deduction of any expenses, including transaction costs. A traditional (or "true") gross-of-fee return reflects performance after the reduction of transaction costs but before the reduction of the investment advisory fee. The gross-of-fee return may include a blend of "true" gross-of-fee returns for non-wrap accounts and "pure" gross-of-fee returns for wrap accounts. Net-of-fee returns are reduced by a model "wrap fee" (3.0% is the maximum anticipated wrap fee for equity and balanced portfolios) which includes trading expenses as well as investment management, administrative and custodial fees. The model wrap fee used represents the highest anticipated wrap fee applicable to the strategy. Actual fees and account minimums may vary.

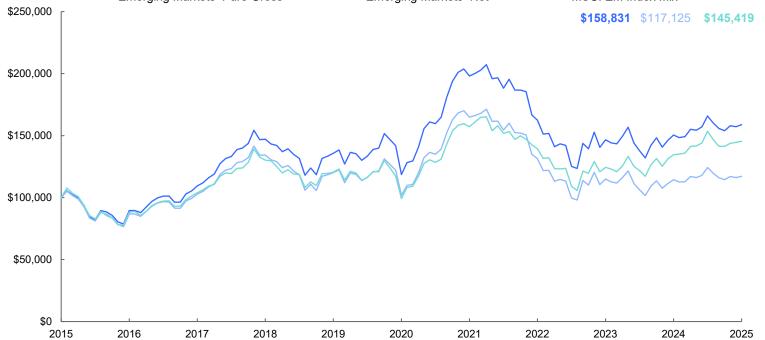
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## Growth of \$100,000





Pure gross and net of fees (based on 10-year period ended March 31, 2025)



For illustrative purposes only. Assumes no withdrawals or contributions. These statistics are based on gross and net-of-fees monthly composite returns, were calculated assuming reinvestment of dividends and income, and take into account both realized and unrealized capital gains and losses.

Periods less than one year are not annualized. Performance results are for the composite which includes all actual, fully discretionary accounts with substantially similar investment policies and objectives managed to the composite's investment strategy. Composite returns are stated in U.S. dollars and assume reinvestment of any dividends, interest income, capital gains, or other earnings. The composite may include account(s) that are gross of fees and pure gross of fees. "Pure" gross-of-fee returns do not reflect the deduction of any expenses, including transaction costs. A traditional (or "true") gross-of-fee fee return reflects performance after the reduction of transaction costs but before the reduction of the investment advisory fee. The gross-of-fee return may include a blend of "true" gross-of-fee returns for non-wrap accounts and "pure" gross-of-fee returns for wrap accounts. Net-of-fee returns are reduced by a model "wrap fee" (3.0% is the maximum anticipated wrap fee for equity and balanced portfolios) which includes trading expenses as well as investment management, administrative and custodial fees. The model wrap fee used represents the highest anticipated wrap fee applicable to the strategy. Actual fees and account minimums may vary.

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# Investment management team



## Team-managed approach

- · Martin Currie uses a team-based approach to managing your portfolio.
- Martin Currie is an active equity specialist that builds global, stock-driven portfolios based on fundamental research, devoting all of its resources to delivering optimum investment outcomes and superior client relationships.



## Performance Disclosure December 31, 2023

#### MARTIN CURRIE GLOBAL EMERGING MARKETS SMA COMPOSITE NET (\$USD)

Year	Net Total Return	"Pure" <sup>1</sup> Gross Total Return	Benchmark Total Return	Number of Portfolios	% of Bundled Fee Portfolios in the Composite	Internal Dispersion	Net Total 3 Year Standard Deviation	Benchmark Total 3 Year Standard Deviation	Composite Assets (\$ millions)	Total Firm Assets (\$ millions)
2023	3.16%	6.35%	9.83%	1,627	100	0.47%	19.66%	17.39%	1,207.26	10,844
2022	-27.61%	-25.37%	-20.09%	1,444	100	0.55%	22.32%	20.55%	902.06	10,134
2021	-6.54%	-3.65%	-2.54%	1,315	100	0.32%	19.53%	18.59%	943.04	14,055
2020	24.00%	27.84%	18.31%	225	100	0.35%	21.11%	19.88%	211.20	10,427
2019	24.12%	27.96%	18.44%	9	100	n/m	15.91%	14.39%	18.44	8,282
2018	-20.04%	-17.56%	-14.57%	<5	100	n/m	15.75%	14.85%	0.16	7,190
2017	44.68%	49.15%	37.75%	0	100	n/m	15.84%	15.58%	2,165.47	8,509
2016	9.18%	12.56%	11.60%	0	100	n/m	16.59%	16.30%	1,062.12	6,672
2015	-15.26%	-12.64%	-14.60%	0	100	n/m	14.54%	14.24%	1,019.78	7,735
2014	-9.42%	-6.62%	-1.82%	0	100	n/m	15.94%	15.21%	1,239.93	8,836

n/m - Information is not statistically meaningful due to an insufficient number of portfolios in the composite for the entire year.

Martin Currie claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Martin Currie has been independently verified to December 31, 2021. The verification reports are available upon request.

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. Verification does not provide assurance on the accuracy of any specific performance report.

For GIPS® purposes, MARTIN CURRIE, the firm, which encompasses Martin Currie Investment Management Ltd and Martin Currie Inc. MARTIN CURRIE is a wholly owned subsidiary of Franklin Resources, Inc but operates autonomously, and MARTIN CURRIE, as a firm, is held out to the public as a separate entity.

The composite strategy consists of actively managed global emerging markets portfolios made up of segregated and pooled accounts. The portfolios in the composite have objectives to outperform the stated benchmark over rolling three-to-five year periods. Investing in all or any of the emerging markets countries, the portfolios invest in shares of companies, and the value of these shares could be negatively affected by changes in the company or its industry of the economy in which it operates. Emerging markets or less developed countries may face more political, economic or structural challenges than developed countries. Accordingly, investment in emerging markets is generally characterised by higher levels of risk than investment in fully developed markets. The composite portfolios may hold a limited number of investments if one of these investments falls in value this can have a greater impact on the portfolio's value than if it held a larger number of investments. The composite portfolios typically have an all-cap approach and therefore may invest in some smaller companies which may be riskier and less liquid than larger companies. The composite portfolios may invest in derivatives to obtain, increase or reduce exposure to underlying assets. The use of derivatives may restrict potential gains and may result in greater fluctuations of returns for the portfolios. Certain types of derivatives may become difficult to purchase or sell in such market conditions. The composite was created July 2007. The composite inception date is January 1, 1994. Prior to January 31, 2018, the index used was the MSCI EM (Emerging Markets) Index (gross income). After January 31, 2018, the index used was the MSCI EM (Emerging Markets) Index (net income).

For comparison purposes, composite returns are shown against returns of the MSCI EM (Emerging Markets) Index, which is a rules-based, market-value-weighted index, which captures large and mid cap representation across 24 Emerging Markets (EM) countries. An investor cannot invest directly in an index.



"Pure" gross returns are presented as supplemental information to the net returns. The current fee schedule is 3.0% on all assets. Net returns are calculated by deducting the anticipated maximum annual bundled fee applied on a monthly basis from the "pure" gross monthly return. The bundled fee includes all charges for trading costs, portfolio management, custody, and other administrative fees. Bundled fees may vary across different financial firms and across different accounts based upon account size and other factors. Returns and market values are expressed in USD.

Dispersion is calculated using the asset-weighted standard deviation of annual returns of those portfolios that were included in the composite for the entire year. Periods with five or fewer accounts are not statistically representative and are not presented. The three-year annualized ex-post standard deviation measures the variability of the composite and the benchmark returns over the preceding 36-month period. Standard deviation calculation uses monthly net-of-fee-returns. Standard deviation is not presented for periods where 36 monthly returns are not available for the composite or the benchmark.

Past investment results are not indicative of future investment results.

Martin Currie's list of composite descriptions and policies for valuing portfolios, calculating performance, and preparing compliant presentations are available upon request. Please contact info@martincurrie.com.

Important performance calculation: Beginning February 1, 2018, the composite includes only SMA portfolios that are managed in accordance with the Martin Currie Global Emerging Markets strategy. Prior to February 2018, performance results were calculated using the Martin Currie Global Emerging Markets Composite which was comprised of institutional accounts. Net total returns were calculated by reducing the institutional gross-of-fees performance by the highest bundle fee of 3.0%. Martin Currie Globas substantially the same investment philosophy, strategies and processes in managing SMA portfolios that it does in managing institutional portfolios. The performance of the Martin Currie Global Emerging Markets SMA Composite may vary from the performance of the institutional composite, especially over shorter time periods and during periods of extraordinary market conditions. The SMA portfolios are implemented through a combination of individual holdings along with an allocation to a no load mutual fund share created to allow the portfolio managers to replicate the same themes and characteristics of the managed institutional and mutual fund strategy. Members in the institutional composite typically hold individual securities.

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## **Definitions**



## **Index Definitions**

The **Alerian MLP Index** is a composite of the 50 most prominent energy master limited partnerships (MLPs) and is calculated using a float-adjusted, capitalization-weighted methodology. Source: Alerian.

The MSCI All Country World ex-US Growth Index measures the performance of growth stocks in developed and emerging markets, excluding the US. Source: MSCI makes no warranties and shall have no liability with respect to any MSCI data reproduced herein. No further redistribution or use is permitted. This report is not prepared or endorsed by MSCI.

The MSCI All Country World Index is a market capitalization-weighted index that is designed to measure equity market performance of developed and emerging markets. Net Returns (NR) include income net of tax withholding when dividends are paid. Source: MSCI makes no warranties and shall have no liability with respect to any MSCI data reproduced herein. No further redistribution or use is permitted. This report is not prepared or endorsed by MSCI.

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The **Russell 1000 Growth Index** measures the performance of the large-cap growth segment of the U.S. equity universe. Source: FTSE.

The **Russell 1000 Index** measures the performance of the large-cap segment of the U.S. equity universe. Source: FTSE.

The **Russell 1000 Value Index** measures the performance of the largecap value segment of the U.S. equity universe. Source: FTSE.

The **Russell 2000 Growth Index** measures the performance of the small-cap growth segment of the U.S. equity universe. Source: FTSE.

The **Russell 2000 Index** measures the performance of the small-cap segment of the U.S. equity universe. Source: FTSE.

The **Russell 2000 Value Index** measures the performance of the small-cap value segment of the U.S. equity universe. Source: FTSE.

The **Russell 2500 Growth Index** measures the performance of those companies in the small/mid-cap Russell 2500 Index chosen for their growth orientation. Source: FTSE.

The **Russell 2500 Index** measures the performance of the small to midcap segment of the U.S. equity universe, commonly referred to as "SMID" cap.

The **Russell 2500 Value Index** measures the performance of U.S. companies in the small/mid-cap Russell 2500 Index chosen for their value orientation. Source: FTSF

The **Russell 3000 Growth Index** measures the performance of those Russell 3000 Index companies with higher price-to-book ratios and higher forecasted growth values. Source: FTSE.

The **Russell 3000 Index** measures the performance of the 3,000 largest U.S. companies based on total market capitalization. Source: FTSE.

The **Russell 3000 Value Index** measures the performance of the broad value segment of U.S. equity value universe. Source: FTSE.

The **Russell Microcap Index** measures the performance of the microcap segment of the U.S. equity market. Source: FTSE.

The **Russell Mid Cap Index** measures the performance of the mid-cap segment of the U.S. equity universe. Source: FTSE.

The **Russell Midcap Growth Index** measures the performance of the mid-cap growth segment of the U.S. equity universe. Source: FTSE.

The **S&P 500 Index** features 500 leading U.S. publicly traded companies, with a primary emphasis on market capitalization. Source: © S&P Dow Jones Indices LLC. All rights reserved.

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Investors cannot invest directly in an index and unmanaged index returns do not reflect any fees, expenses or sales charges.

## **Definitions**



### Term definitions

**Market Capitalization** measures the number of outstanding common shares of a given corporation multiplied by the latest price per share.

Weighted Median Market Capitalization represents the value at which half the portfolio's market capitalization weight falls above, and half falls below.

Weighted Average Market Capitalization represents the average value of the companies held in the portfolio. When that figure is weighted, the impact of each company's capitalization on the overall average is proportional to the total market value of its shares.

**Dividend Yield** is determined by dividing a stock's annual dividends per share by the current market price per share. Dividend yield is a financial ratio that shows how much a company pays out in dividends.

**P/E (Year 1)** is the previous day's closing price of the stock divided by the consensus earnings per share (EPS) of fiscal year 1 (FY1) provided by I/B/E/S. Forecasts are inherently limited and should not be relied upon as indicators of future performance.

The **Price-to-Book** ratio (P/B) is a stock's price divided by the stock's per share book value.

**Earnings Per Share** (EPS) is the portion of a company's profit allocated to each outstanding share of a common stock.

The **Sharpe Ratio** is a risk-adjusted measure, calculated using standard deviation and excess return to determine reward per unit of risk. The higher the Sharpe Ratio, the better the portfolio's historical adjusted performance.

**Alpha** is a measure of the difference between actual returns and expected performance, given the level of risk as measured by Beta, where **Beta** measures sensitivity to benchmark movements.

**R-Squared** measures the strength of the linear relationship between the portfolio and its benchmark. R-squared at 1.0 implies perfect linear relationship and zero implies no relationship exists.

**Standard Deviation** is based on quarterly data. Standard deviation is a measure of the variability of returns; the higher the standard deviation, the greater the range of performance (i.e., volatility).

The **Capture Ratios** measure a manager's composite performance relative to the benchmark, considering only those quarters that are either positive (Up) or negative (Down) for the benchmark.

An **Up Market Capture Ratio** greater than 1.0 indicates a manager who has outperformed the benchmark in the benchmark's positive quarters.

A **Down Market Capture Ratio** of less than 1.0 indicates a manager who has outperformed the relative benchmark in the benchmark's negative quarters.



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