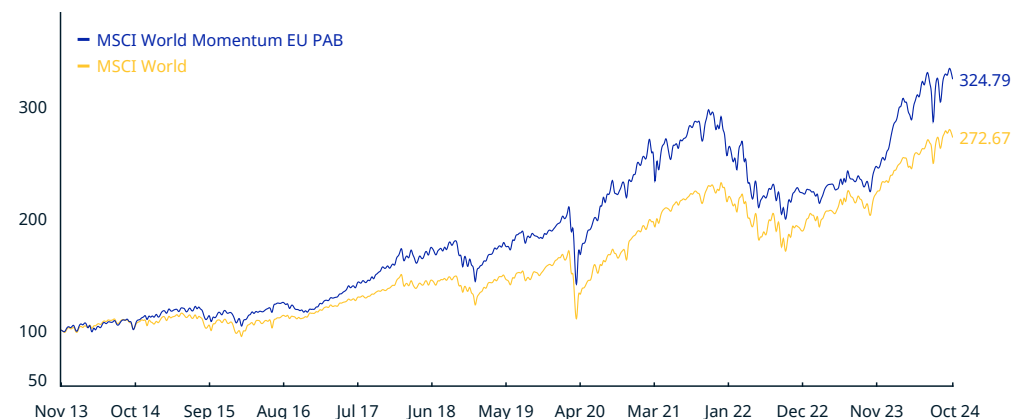


MSCI World Momentum EU PAB Index (USD)

The MSCI World Momentum EU PAB Index is based on the MSCI World Momentum Index, its parent index which captures large and mid-cap representation across 23 Developed Markets (DM) countries* exhibiting overall Momentum style characteristics. The index is designed to represent the performance of a strategy that meets the minimum standards of the EU Paris Aligned Benchmarks (EU PAB) and exhibit higher Momentum characteristics. The Momentum investment style characteristics for index construction are defined using risk-adjusted recent 12-month and 6-month stock's local price performance.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2013 – OCT 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI World Momentum EU PAB	MSCI World
2023	15.36	23.79
2022	-23.27	-18.14
2021	16.20	21.82
2020	27.81	15.90
2019	27.83	27.67
2018	-3.88	-8.71
2017	33.70	22.40
2016	2.35	7.51
2015	3.76	-0.87
2014	8.11	4.94

INDEX PERFORMANCE – NET RETURNS (%) (OCT 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 26, 2013
					3 Yr	5 Yr	10 Yr	Since Nov 26, 2013	
MSCI World Momentum EU PAB	-1.27	2.65	44.72	26.83	3.57	11.83	11.56	11.37	
MSCI World	-1.98	2.45	33.68	16.50	6.38	12.03	9.78	9.61	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.58	24.29	20.26	3.87
1.78	22.35	18.76	3.45

INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Nov 26, 2013	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI World Momentum EU PAB	136.52	17.16	17.68	15.01	0.08	0.59	0.69	0.70	32.84	2021-11-08–2022-10-12
MSCI World	2.31	16.83	17.80	15.00	0.24	0.60	0.58	0.59	34.03	2020-02-12–2020-03-23

¹ Last 12 months

² Based on monthly net returns data

³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

MSCI World Momentum EU PAB Index (USD)

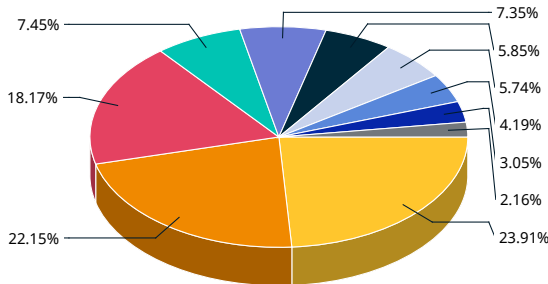
INDEX CHARACTERISTICS

MSCI World Momentum EU PAB	
Number of Constituents	205
Mkt Cap (USD Millions)	
Index	18,489,484.64
Largest	1,116,287.40
Smallest	125.02
Average	90,192.61
Median	52,116.64

TOP 10 CONSTITUENTS

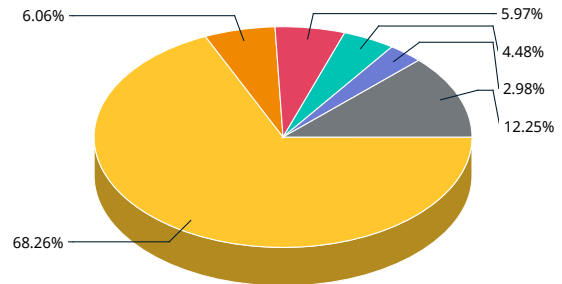
	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
NVIDIA	US	1,116.29	6.04	Info Tech
APPLE	US	964.21	5.21	Info Tech
LILLY (ELI) & COMPANY	US	635.02	3.43	Health Care
JPMORGAN CHASE & CO	US	569.22	3.08	Financials
BROADCOM	US	558.53	3.02	Info Tech
ALPHABET C	US	534.48	2.89	Comm Svcs
WALMART	US	453.91	2.45	Cons Staples
ALPHABET A	US	444.58	2.40	Comm Svcs
UNITEDHEALTH GROUP	US	398.25	2.15	Health Care
ASTRAZENECA	GB	307.68	1.66	Health Care
Total		5,982.18	32.35	

SECTOR WEIGHTS



- Information Technology 23.91%
- Financials 22.15%
- Health Care 18.17%
- Communication Services 7.45%
- Real Estate 7.35%
- Industrials 5.85%
- Consumer Staples 5.74%
- Consumer Discretionary 4.19%
- Utilities 3.05%
- Materials 2.16%

COUNTRY WEIGHTS



- United States 68.26%
- Japan 6.06%
- Canada 5.97%
- Switzerland 4.48%
- United Kingdom 2.98%
- Other 12.25%

* DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US.

The MSCI World Momentum EU PAB Index was launched on Oct 28, 2022. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.

ABOUT MSCI

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