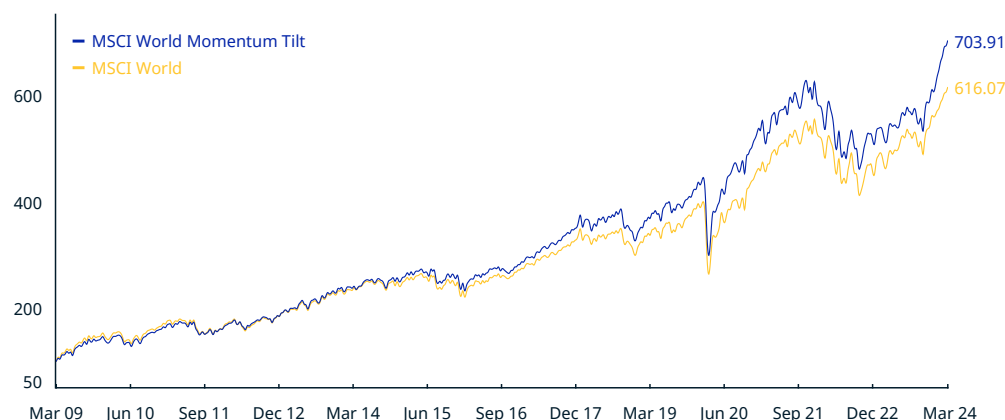


# MSCI World Momentum Tilt Index (USD)

The **MSCI World Momentum Tilt Index** is based on MSCI World, its parent index, which includes large and mid-cap stocks across 23 Developed Markets (DM) countries\*. It aims to reflect the performance of a Momentum strategy with relatively high investment capacity. The indexes are created by tilting the market capitalization weights of all the constituents in the parent index based on the Momentum scores and then re-weighting them.

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

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (MAR 2009 – MAR 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI World Momentum Tilt	MSCI World
2023	19.67	24.42
2022	-17.40	-17.73
2021	19.65	22.35
2020	22.55	16.50
2019	28.77	28.40
2018	-6.03	-8.20
2017	26.51	23.07
2016	6.62	8.15
2015	1.82	-0.32
2014	6.83	5.50
2013	29.31	27.37
2012	16.62	16.54
2011	-1.43	-5.02
2010	13.04	12.34

## INDEX PERFORMANCE – GROSS RETURNS (%) (MAR 29, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 1995
					3 Yr	5 Yr	10 Yr		
MSCI World Momentum Tilt	3.73	14.46	31.20	14.46	9.53	13.60	11.30	9.75	
MSCI World	3.27	9.01	25.72	9.01	9.13	12.63	9.97	8.22	

## FUNDAMENTALS (MAR 29, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.39	23.84	20.34	3.83
1.82	21.97	18.72	3.36

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 1995 – MAR 29, 2024)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since May 31, 1995	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI World Momentum Tilt	0.96	3.35	54.88	17.31	17.75	14.71	0.47	0.70	0.71	0.53	55.64	2007-10-31–2009-03-09
MSCI World	1.00	0.00	2.29	17.04	18.07	14.91	0.45	0.64	0.62	0.43	57.46	2007-10-31–2009-03-09

<sup>1</sup> Last 12 months <sup>2</sup> Based on monthly gross returns data <sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

\* 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 Tilt Index was launched on Jun 04, 2014. 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.

INDEX CHARACTERISTICS

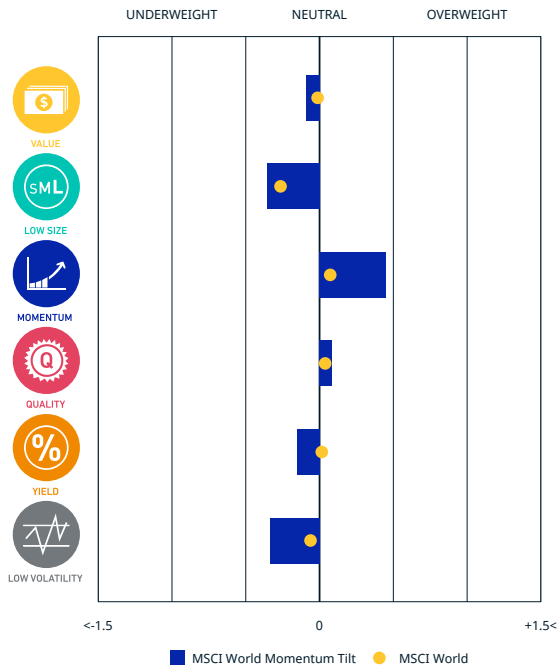
	MSCI World Momentum Tilt	MSCI World
Number of Constituents	1,458	1,465
	Weight (%)	
Largest	7.54	4.57
Smallest	0.00	0.00
Average	0.07	0.07
Median	0.02	0.02

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
NVIDIA	US	7.54	3.44	Info Tech
MICROSOFT CORP	US	4.69	4.57	Info Tech
META PLATFORMS A	US	4.64	1.66	Comm Svcs
AMAZON.COM	US	3.86	2.58	Cons Discr
APPLE	US	3.46	3.88	Info Tech
BROADCOM	US	2.18	0.91	Info Tech
LILLY (ELI) & COMPANY	US	2.11	0.97	Health Care
ALPHABET A	US	1.90	1.37	Comm Svcs
ALPHABET C	US	1.71	1.21	Comm Svcs
NOVO NORDISK B	DK	1.36	0.64	Health Care
Total		33.45	21.22	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



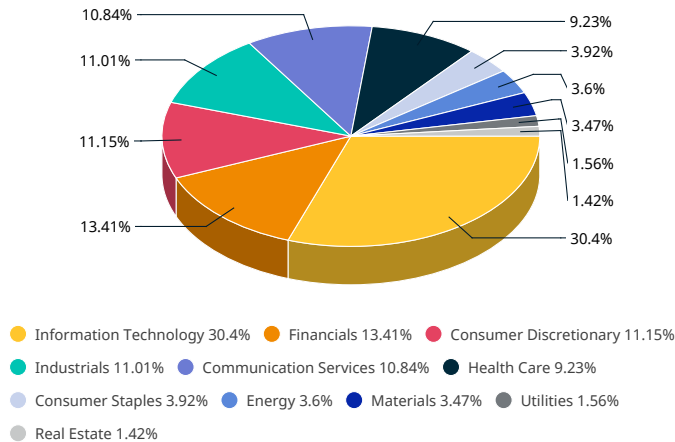
MSCI FaCS

- VALUE**  
Relatively Inexpensive Stocks
- LOW SIZE**  
Smaller Companies
- MOMENTUM**  
Rising Stocks
- QUALITY**  
Sound Balance Sheet Stocks
- YIELD**  
Cash Flow Paid Out
- LOW VOLATILITY**  
Lower Risk Stocks

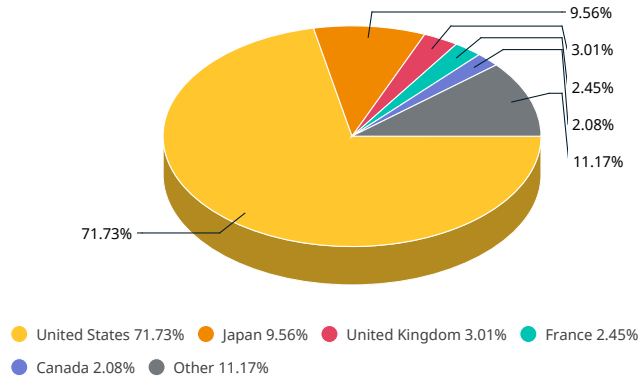
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

SECTOR WEIGHTS



COUNTRY WEIGHTS



## MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

## ABOUT MSCI

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