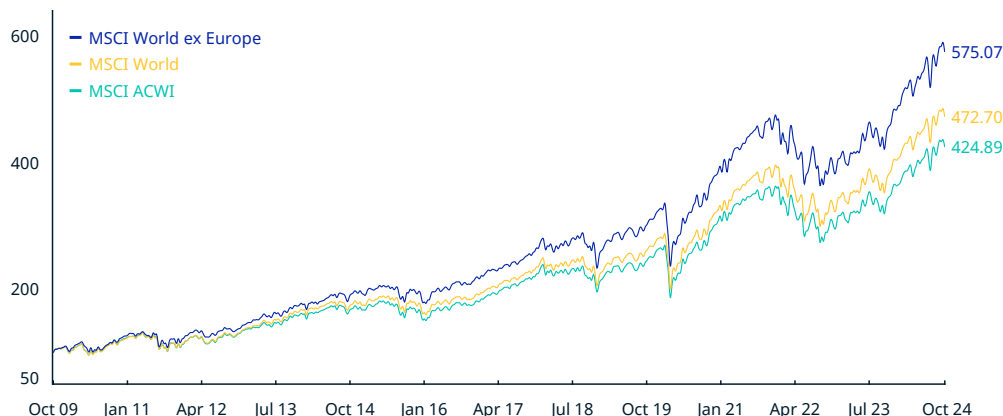


MSCI World ex Europe Index (USD)

The **MSCI World ex Europe Index** captures large and mid cap representation across 8 of 23 Developed Markets (DM) countries*. With 995 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

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

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (OCT 2009 – OCT 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI World ex Europe	MSCI World	MSCI ACWI
2023	25.23	24.42	22.81
2022	-18.43	-17.73	-17.96
2021	23.61	22.35	19.04
2020	19.31	16.50	16.82
2019	29.46	28.40	27.30
2018	-6.33	-8.20	-8.93
2017	22.13	23.07	24.62
2016	10.75	8.15	8.48
2015	0.36	-0.32	-1.84
2014	9.76	5.50	4.71
2013	27.91	27.37	23.44
2012	15.30	16.54	16.80
2011	-2.81	-5.02	-6.86
2010	15.96	12.34	13.21

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 31, 1987
					3 Yr	5 Yr	10 Yr		
MSCI World ex Europe	-1.19	3.39	36.60	19.08	7.54	13.73	11.57	8.55	
MSCI World	-1.96	2.54	34.29	16.94	6.90	12.57	10.36	8.54	
MSCI ACWI	-2.21	2.67	33.40	16.44	6.01	11.61	9.62	8.36	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.50	24.74	20.34	3.96
1.78	22.35	18.76	3.45
1.86	21.45	17.75	3.16

INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 31, 1987	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI World ex Europe	2.11	16.96	17.84	15.03	0.30	0.68	0.69	na	54.88	2007-10-12–2009-03-09
MSCI World	2.31	16.84	17.80	15.00	0.27	0.62	0.62	na	57.46	2007-10-31–2009-03-09
MSCI ACWI	2.48	16.46	17.42	14.81	0.22	0.58	0.58	0.39	58.06	2007-10-31–2009-03-09

¹ Last 12 months

² Based on monthly gross returns data

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

* DM countries include: Australia, Canada, Hong Kong, Israel, Japan, New Zealand, Singapore and the USA.

INDEX CHARACTERISTICS

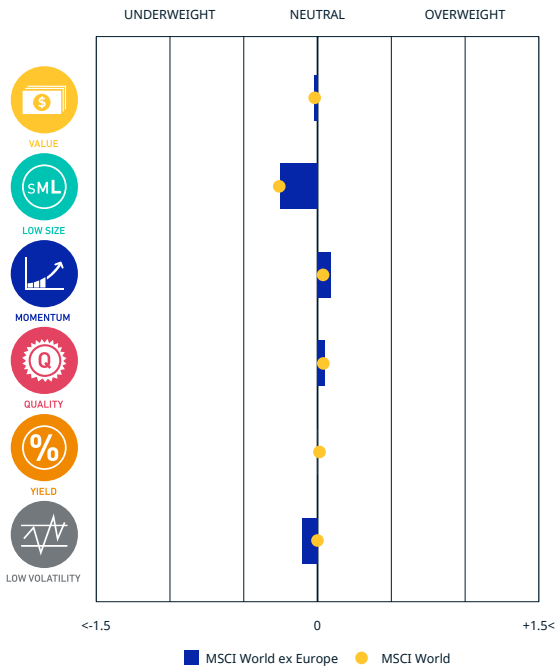
MSCI World ex Europe	
Number of Constituents	995
Mkt Cap (USD Millions)	
Index	57,724,427.99
Largest	3,290,916.34
Smallest	1,754.12
Average	58,014.50
Median	20,098.93

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
APPLE	3,290.92	5.70	Info Tech
NVIDIA	3,265.90	5.66	Info Tech
MICROSOFT CORP	2,869.11	4.97	Info Tech
AMAZON.COM	1,745.82	3.02	Cons Discr
META PLATFORMS A	1,243.82	2.15	Comm Srvc
ALPHABET A	1,005.10	1.74	Comm Srvc
ALPHABET C	873.00	1.51	Comm Srvc
BROADCOM	750.75	1.30	Info Tech
TESLA	717.14	1.24	Cons Discr
LILLY (ELI) & COMPANY	670.30	1.16	Health Care
Total	16,431.85	28.47	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



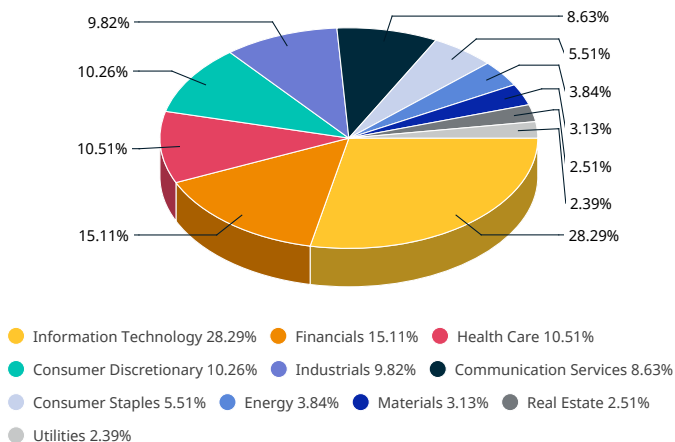
MSCI FaCS

- 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

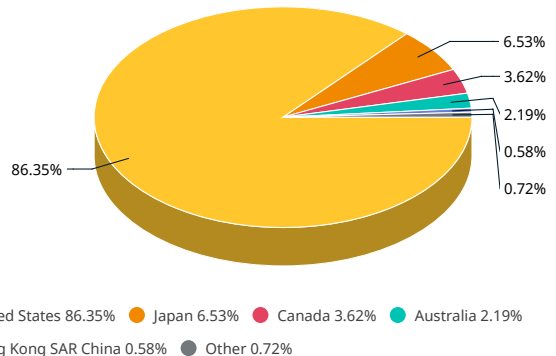
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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