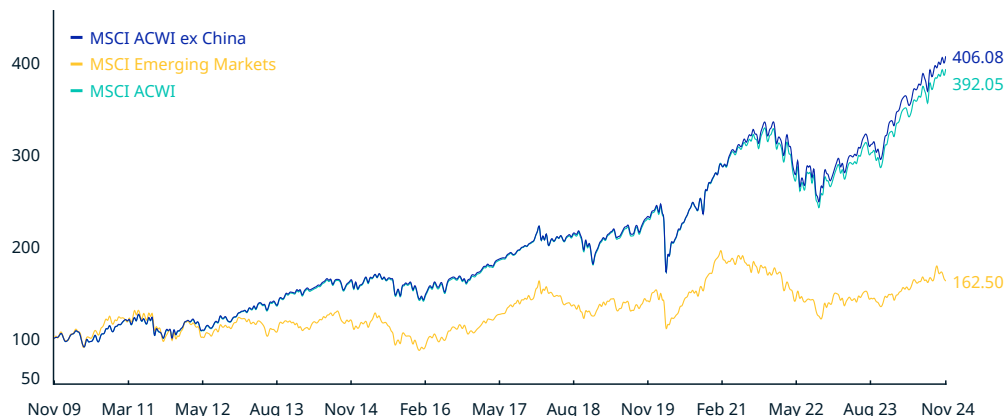


MSCI ACWI ex China Index (USD)

The MSCI ACWI ex China Index captures large and mid cap representation across 23 Developed Markets (DM) and 23 Emerging Markets (EM) countries*. With 2,069 constituents, the index covers approximately 85% of the global investable equity opportunity set.

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

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (NOV 2009 – NOV 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI ACWI ex China	MSCI Emerging Markets	MSCI ACWI
2023	23.49	9.83	22.20
2022	-18.23	-20.09	-18.36
2021	20.81	-2.54	18.54
2020	15.65	18.31	16.25
2019	26.70	18.42	26.60
2018	-9.03	-14.57	-9.41
2017	23.11	37.28	23.97
2016	8.05	11.19	7.86
2015	-2.22	-14.92	-2.36
2014	4.07	-2.19	4.16
2013	23.28	-2.60	22.80
2012	15.98	18.22	16.13
2011	-7.07	-18.42	-7.35
2010	12.88	18.88	12.67

INDEX PERFORMANCE – NET RETURNS (%) (NOV 29, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
MSCI ACWI ex China	3.98	3.58	26.51	20.46	8.25	11.92	9.58	6.76	
MSCI Emerging Markets	-3.59	-1.73	11.86	7.65	-1.27	3.20	3.16	7.58	
MSCI ACWI	3.74	3.77	26.12	20.34	7.68	11.36	9.28	6.65	

FUNDAMENTALS (NOV 29, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.77	22.84	18.90	3.43
2.64	15.34	11.81	1.78
1.79	22.39	18.46	3.30

INDEX RISK AND RETURN CHARACTERISTICS (NOV 29, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 29, 2000	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI ACWI ex China	2.51	16.75	17.84	15.01	0.34	0.59	0.57	0.38	58.27	2007-10-31–2009-03-09
MSCI Emerging Markets	5.64	17.78	18.78	17.21	-0.20	0.13	0.16	0.37	65.25	2007-10-29–2008-10-27
MSCI ACWI	2.57	16.45	17.45	14.84	0.31	0.57	0.55	0.37	58.38	2007-10-31–2009-03-09

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

* 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. EM countries include: Brazil, Chile, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Kuwait, Malaysia, Mexico, Peru, Philippines, Poland, Qatar, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI ACWI ex China Index was launched on Oct 09, 2015. 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

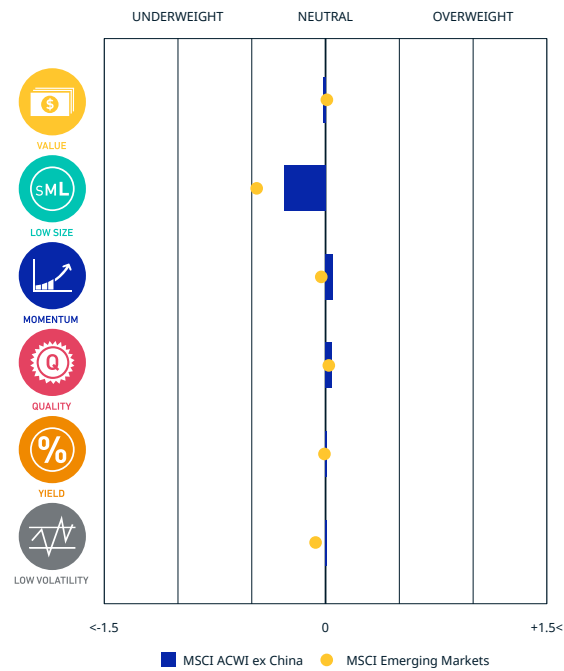
MSCI ACWI ex China	
Number of Constituents	2,069
Mkt Cap (USD Millions)	
Index	77,380,187.89
Largest	3,608,397.83
Smallest	738.57
Average	37,399.80
Median	10,973.96

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
APPLE	US	3,608.40	4.66	Info Tech
NVIDIA	US	3,391.27	4.38	Info Tech
MICROSOFT CORP	US	2,990.21	3.86	Info Tech
AMAZON.COM	US	1,963.73	2.54	Cons Discr
META PLATFORMS A	US	1,255.16	1.62	Comm Srvc
TESLA	US	992.40	1.28	Cons Discr
ALPHABET A	US	989.88	1.28	Comm Srvc
ALPHABET C	US	856.97	1.11	Comm Srvc
TAIWAN SEMICONDUCTOR MFG	TW	755.40	0.98	Info Tech
BROADCOM	US	719.16	0.93	Info Tech
Total		17,522.57	22.64	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



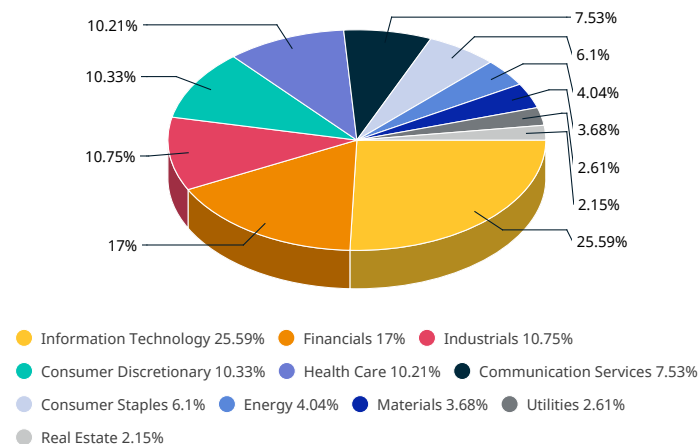
MSCI FaCS

- 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

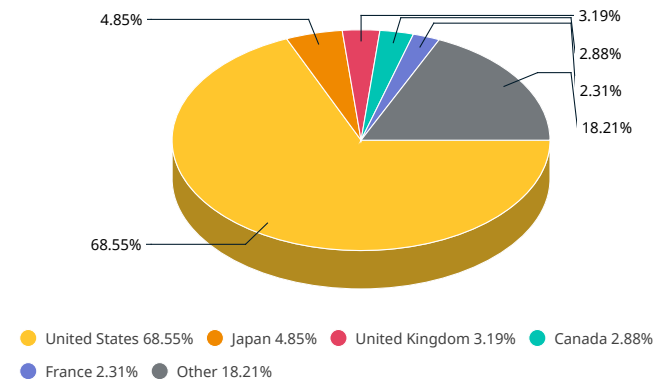
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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