

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 1,085 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (AUG 2008 – AUG 2023)



ANNUAL PERFORMANCE (%)

Year	MSCI World ex Europe	MSCI World	MSCI ACWI
2022	-18.81	-18.14	-18.36
2021	23.12	21.82	18.54
2020	18.70	15.90	16.25
2019	28.75	27.67	26.60
2018	-6.82	-8.71	-9.41
2017	21.47	22.40	23.97
2016	10.11	7.51	7.86
2015	-0.21	-0.87	-2.36
2014	9.18	4.94	4.16
2013	27.23	26.68	22.80
2012	14.62	15.83	16.13
2011	-3.32	-5.54	-7.35
2010	15.39	11.76	12.67
2009	27.46	29.99	34.63

INDEX PERFORMANCE – NET RETURNS (%) (AUG 31, 2023)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
MSCI World ex Europe	-2.04	7.72	14.17	16.92	8.61	9.19	10.56	6.45	
MSCI World	-2.39	6.99	15.60	16.11	8.41	8.33	9.28	5.97	
MSCI ACWI	-2.79	6.61	13.95	14.80	7.23	7.46	8.56	5.87	

FUNDAMENTALS (AUG 31, 2023)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.72	22.38	18.45	3.39
1.98	20.22	16.93	2.98
2.09	19.37	16.20	2.74

INDEX RISK AND RETURN CHARACTERISTICS (AUG 31, 2023)

	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 World ex Europe	2.18	17.41	18.47	14.62	0.47	0.48	0.68	na	55.27	2007-10-12–2009-03-09
MSCI World	2.15	17.57	18.34	14.64	0.46	0.44	0.60	na	57.82	2007-10-31–2009-03-09
MSCI ACWI	2.37	17.01	17.99	14.49	0.40	0.40	0.56	0.33	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, Canada, Hong Kong, Israel, Japan, New Zealand, Singapore and the USA.

INDEX CHARACTERISTICS

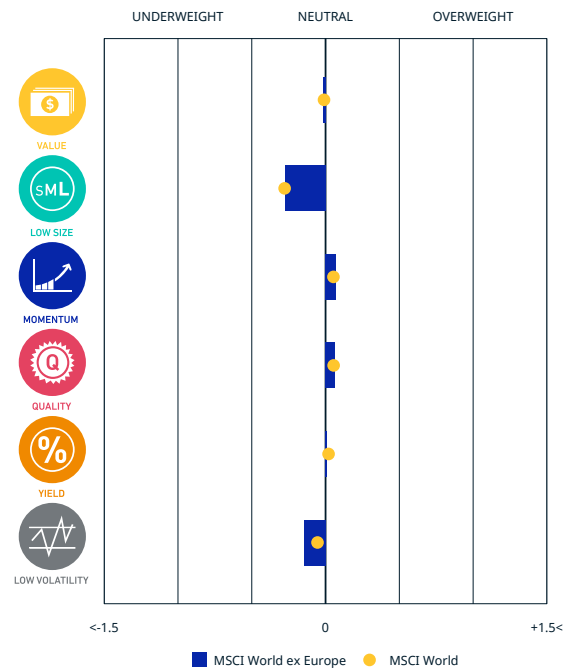
MSCI World ex Europe	
Number of Constituents	1,085
Mkt Cap (USD Millions)	
Index	47,101,902.98
Largest	2,972,469.00
Smallest	1,127.84
Average	43,411.89
Median	15,793.08

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
APPLE	2,972.47	6.31	Info Tech
MICROSOFT CORP	2,317.79	4.92	Info Tech
AMAZON.COM	1,274.14	2.71	Cons Discr
NVIDIA	1,219.07	2.59	Info Tech
ALPHABET A	811.03	1.72	Comm Srvc
ALPHABET C	737.73	1.57	Comm Srvc
TESLA	736.14	1.56	Cons Discr
META PLATFORMS A	655.33	1.39	Comm Srvc
BERKSHIRE HATHAWAY B	467.61	0.99	Financials
EXXON MOBIL CORP	451.35	0.96	Energy
Total	11,642.66	24.72	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



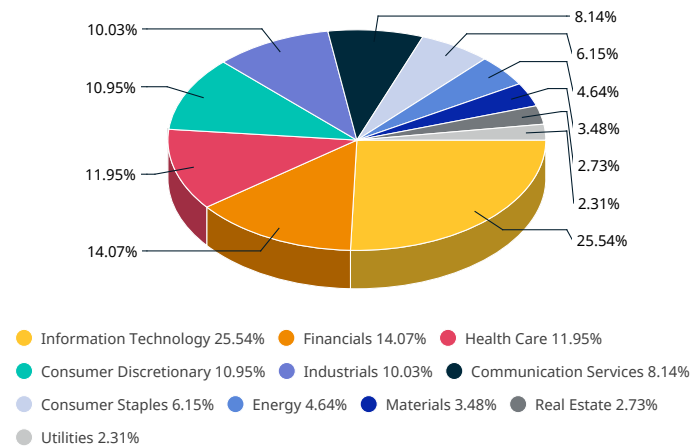
MSCI FaCS

- 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

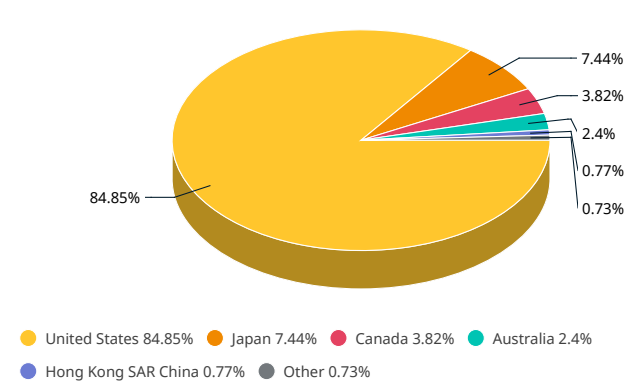
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



INDEX FRAMEWORK

The index is based on the [MSCI Global Investable Market Indexes \(GIMI\) Methodology](#) – a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see [Index methodology - MSCI](#).

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

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

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