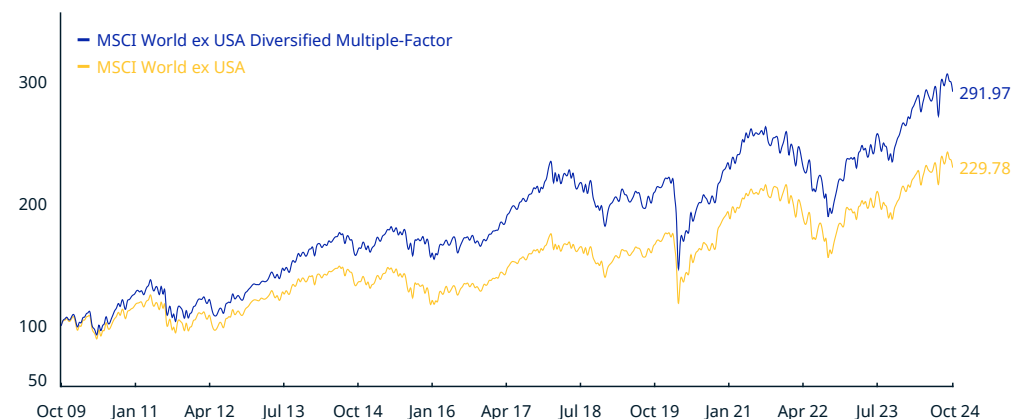


MSCI World ex USA Diversified Multiple-Factor Index (USD)

The MSCI World ex USA Diversified Multiple-Factor Index is based on the MSCI World ex USA Index, its parent index, which includes large and mid-cap stocks across 22 of 23 Developed Markets (DM) countries* (excluding the USA). The index aims to maximize exposure to four factors – Value, Momentum, Quality and Low Size – while maintaining a risk profile similar to that of the underlying parent index.

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

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



ANNUAL PERFORMANCE (%)

Year	MSCI World ex USA Diversified Multiple-Factor	MSCI World ex USA
2023	21.28	17.94
2022	-13.32	-14.29
2021	11.61	12.62
2020	3.18	7.59
2019	18.35	22.49
2018	-15.58	-14.09
2017	28.39	24.21
2016	0.17	2.75
2015	4.31	-3.04
2014	1.03	-4.32
2013	25.69	21.02
2012	16.53	16.41
2011	-9.88	-12.21
2010	16.39	8.95

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 1998
					3 Yr	5 Yr	10 Yr		
MSCI World ex USA Diversified Multiple-Factor	-4.58	-1.31	25.72	9.76	5.16	6.82	5.93	7.82	
MSCI World ex USA	-5.10	-0.85	23.84	7.33	2.81	6.55	5.30	4.88	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.99	13.62	11.96	1.43
3.05	15.54	13.89	1.88

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 1998 – OCT 31, 2024)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Nov 30, 1998	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI World ex USA Diversified Multiple-Factor	0.97	3.59	40.02	16.88	17.67	15.11	0.17	0.33	0.34	0.41	59.99	2007-10-31–2009-03-09
MSCI World ex USA	1.00	0.00	3.24	17.19	17.94	15.29	0.04	0.31	0.30	0.24	60.37	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 and the UK.

The MSCI World ex USA Diversified Multiple-Factor Index was launched on Feb 17, 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

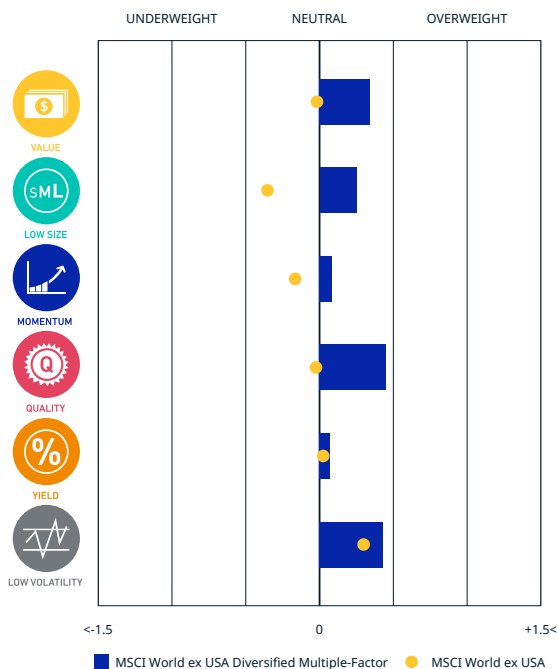
	MSCI World ex USA Diversified Multiple-Factor	MSCI World ex USA
Number of Constituents	258	816
Weight (%)		
Largest	3.57	1.92
Smallest	0.04	0.01
Average	0.39	0.12
Median	0.19	0.06

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
NOVO NORDISK B	DK	3.57	1.92	Health Care
UNICREDIT	IT	2.60	0.35	Financials
MANULIFE FINANCIAL CORP	CA	2.55	0.28	Financials
HOLCIM	CH	2.44	0.27	Materials
WOLTERS KLUWER	NL	2.22	0.22	Industrials
SAINT-GOBAIN	FR	2.17	0.22	Industrials
BBVA	ES	2.16	0.31	Financials
3I GROUP	GB	2.11	0.21	Financials
CONSTELLATION SOFTWARE	CA	1.89	0.32	Info Tech
AHOLD DELHAIZE	NL	1.64	0.17	Cons Staples
Total		23.36	4.27	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



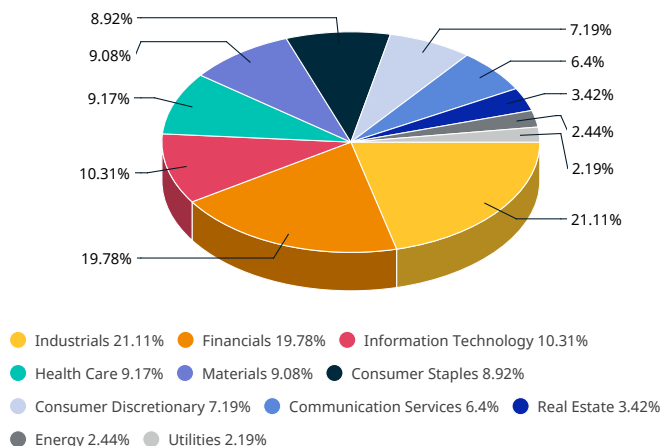
MSCI FaCS

- 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

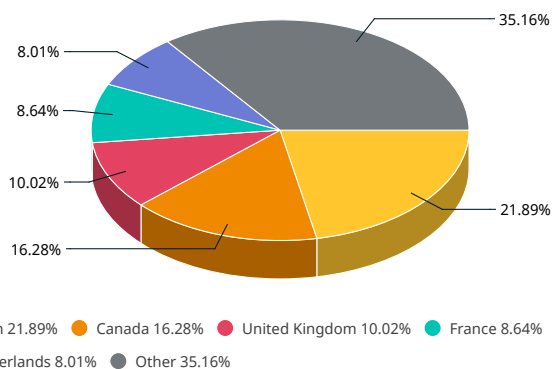
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

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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