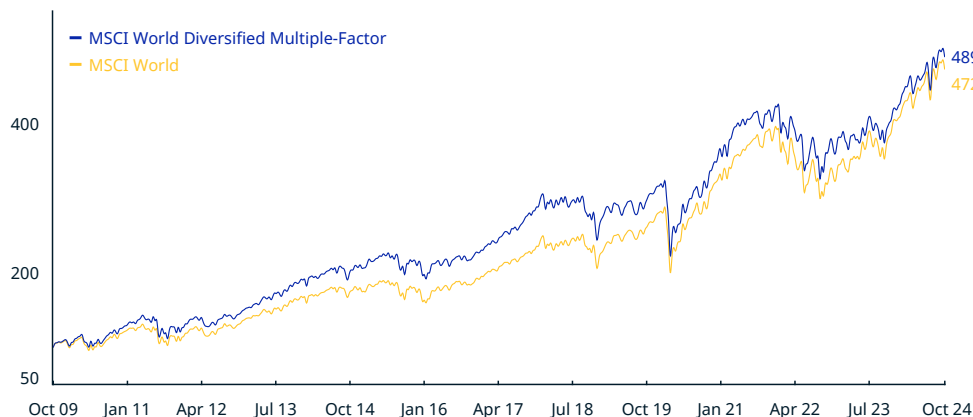


# MSCI World Diversified Multiple-Factor Index (USD)

The **MSCI World Diversified Multiple-Factor Index** is based on the MSCI World Index, its parent index, which includes large and mid-cap stocks across 23 Developed Markets (DM) countries\*. 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 – GROSS RETURNS (USD) (OCT 2009 – OCT 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI World Diversified Multiple-Factor	MSCI World
2023	15.84	24.42
2022	-14.65	-17.73
2021	21.09	22.35
2020	11.51	16.50
2019	22.62	28.40
2018	-11.06	-8.20
2017	27.14	23.07
2016	5.89	8.15
2015	3.01	-0.32
2014	8.85	5.50
2013	31.09	27.37
2012	15.90	16.54
2011	0.01	-5.02
2010	17.21	12.34

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 1998
					3 Yr	5 Yr	10 Yr		
MSCI World Diversified Multiple-Factor	-1.77	2.47	30.77	16.63	6.15	10.49	9.13	9.79	
MSCI World	-1.96	2.54	34.29	16.94	6.90	12.57	10.36	7.15	

## FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
1.94	16.77	14.71	2.39
1.78	22.35	18.76	3.45

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

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 30, 1998	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI World Diversified Multiple-Factor	0.98	3.98	40.03	16.87	17.60	14.92	0.23	0.52	0.55	0.54	56.43	2007-07-13–2009-03-09
MSCI World	1.00	0.00	2.31	16.84	17.80	15.00	0.27	0.62	0.62	0.39	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 Diversified Multiple-Factor Index was launched on Mar 19, 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**

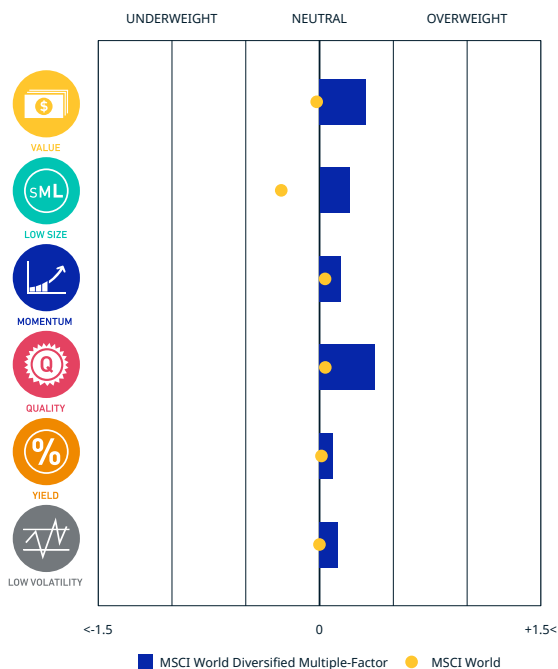
	MSCI World Diversified Multiple-Factor	MSCI World
<b>Number of Constituents</b>	483	1,409
<b>Weight (%)</b>		
<b>Largest</b>	3.93	4.80
<b>Smallest</b>	0.00	0.00
<b>Average</b>	0.21	0.07
<b>Median</b>	0.09	0.03

**TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
META PLATFORMS A	US	3.93	1.82	Comm Svcs
ALPHABET C	US	3.28	1.27	Comm Svcs
APPLE	US	2.81	4.80	Info Tech
WALMART	US	2.69	0.53	Cons Staples
NVIDIA	US	2.68	4.77	Info Tech
MICROSOFT CORP	US	2.37	4.19	Info Tech
CISCO SYSTEMS	US	2.35	0.32	Info Tech
NOVO NORDISK B	DK	2.03	0.52	Health Care
ARISTA NETWORKS	US	1.48	0.15	Info Tech
ALTRIA GROUP	US	1.36	0.14	Cons Staples
<b>Total</b>		<b>24.98</b>	<b>18.50</b>	

**FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN**

**MSCI FACTOR BOX**



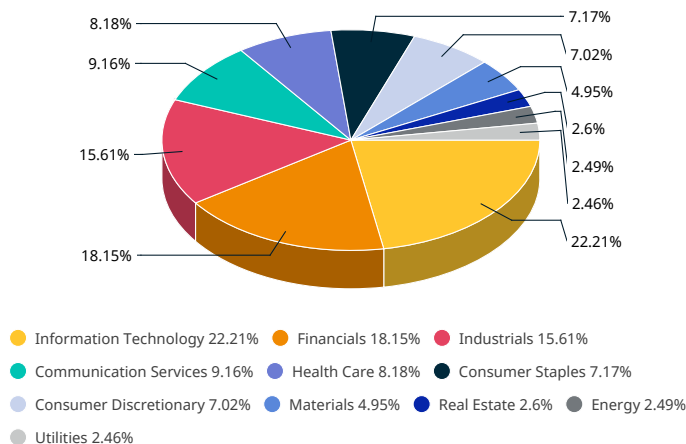
**MSCI FaCS**

- 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

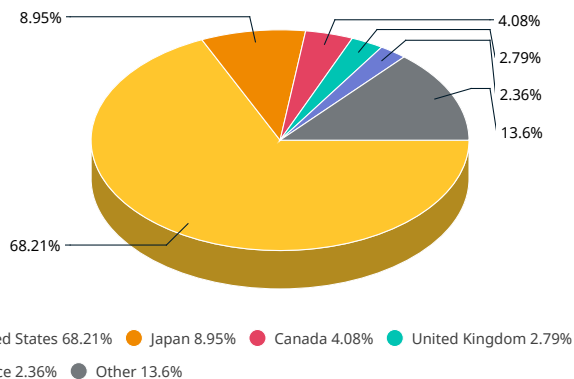
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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](http://www.msci.com).

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