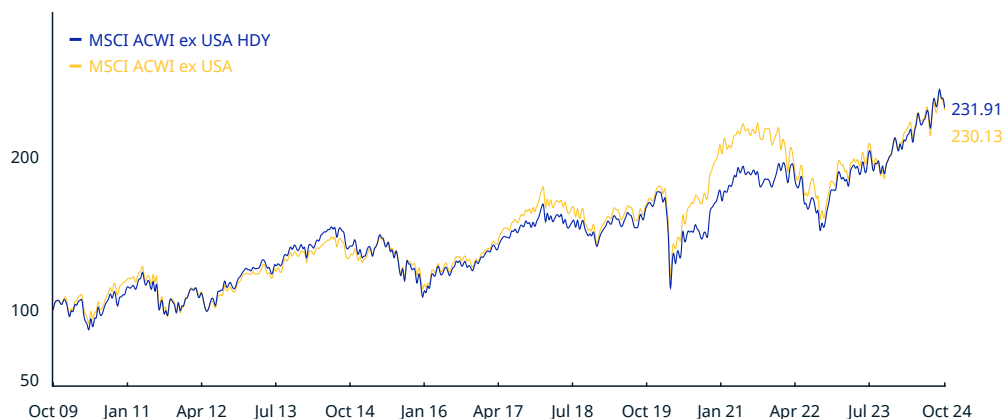


MSCI ACWI ex USA High Dividend Yield Index (USD)

The **MSCI ACWI ex USA High Dividend Yield Index** is based on MSCI ACWI ex USA, its parent index, and includes large and mid cap stocks across 22 Developed Markets (DM) and 24 Emerging Markets (EM) countries*. The index is designed to reflect the performance of equities in the parent index (excluding REITs) with higher dividend income and quality characteristics than average dividend yields that are both sustainable and persistent. The index also applies quality screens and reviews 12-month past performance to omit stocks with potentially deteriorating fundamentals that could force them to cut or reduce dividends.

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 ACWI ex USA HDY	MSCI ACWI ex USA
2023	19.03	16.21
2022	-5.56	-15.57
2021	10.34	8.29
2020	-2.98	11.13
2019	23.17	22.13
2018	-10.43	-13.77
2017	21.24	27.77
2016	8.58	5.01
2015	-11.89	-5.25
2014	-3.29	-3.44
2013	17.00	15.78
2012	17.72	17.39
2011	-5.53	-13.33
2010	4.40	11.60

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 31, 1998
					3 Yr	5 Yr	10 Yr		
MSCI ACWI ex USA HDY	-4.77	1.55	24.17	9.48	8.13	6.72	4.92	7.16	
MSCI ACWI ex USA	-4.86	0.55	24.98	9.13	2.13	6.29	5.30	5.40	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
5.05	11.09	10.09	1.55
2.91	15.65	13.30	1.87

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

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 31, 1998	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI ACWI ex USA HDY	0.98	4.69	23.73	15.72	17.53	15.21	0.35	0.32	0.28	0.37	63.11	2007-10-31–2009-03-09
MSCI ACWI ex USA	1.00	0.00	3.38	16.57	17.32	15.06	-0.01	0.30	0.30	0.27	60.58	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, 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. EM countries include: Brazil, Chile, China, 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 USA High Dividend Yield Index was launched on Jan 16, 2012. 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

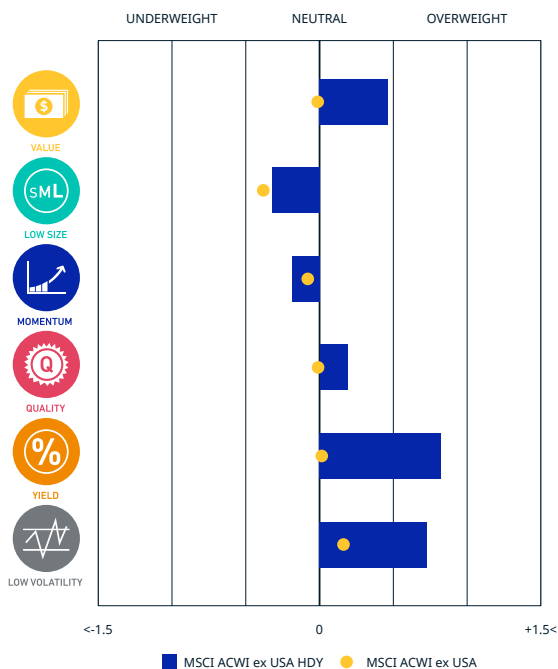
	MSCI ACWI ex USA HDY	MSCI ACWI ex USA
Number of Constituents	344	2,094
	Weight (%)	
Largest	4.71	2.98
Smallest	0.00	0.00
Average	0.29	0.05
Median	0.12	0.02

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
ROCHE HOLDING GENUSS	CH	4.71	0.82	Health Care
NOVARTIS	CH	4.62	0.80	Health Care
UNILEVER PLC (GB)	GB	3.28	0.57	Cons Staples
BHP GROUP (AU)	AU	3.06	0.53	Materials
TOTALENERGIES	FR	2.91	0.51	Energy
ALLIANZ	DE	2.66	0.46	Financials
SANOFI	FR	2.60	0.45	Health Care
ZURICH INSURANCE GROUP	CH	1.87	0.33	Financials
HON HAI PRECISION IND CO	TW	1.78	0.31	Info Tech
CHINA CONSTRUCTION BK H	CN	1.61	0.28	Financials
Total		29.11	5.06	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



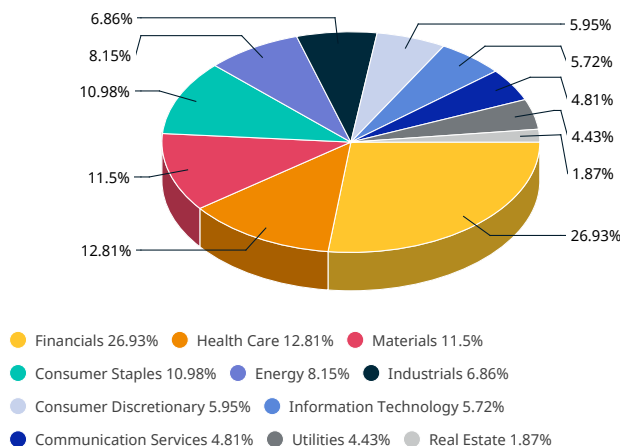
MSCI FaCS

- 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

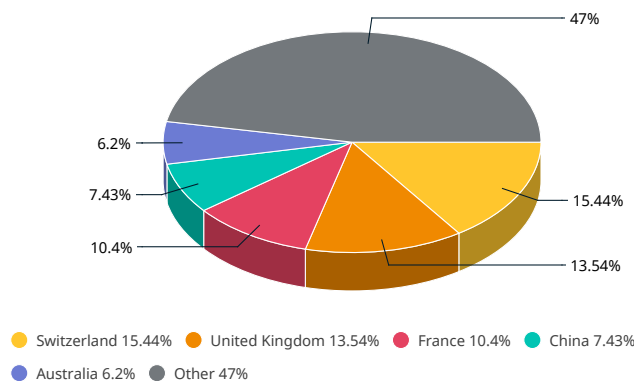
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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