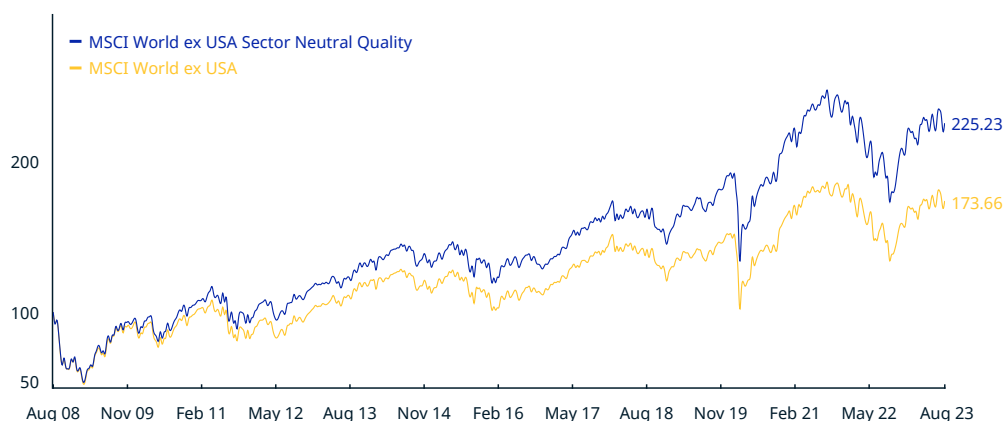


# MSCI World ex USA Sector Neutral Quality Index (USD)

The MSCI World ex USA Sector Neutral Quality Index captures large and mid-cap representation across 22 Developed Markets (DM) countries\*. The index aims to capture the performance of securities that exhibit stronger quality characteristics relative to their peers within the same GICS® sector by identifying stocks with high quality scores based on three main fundamental variables: high Return-on-Equity (ROE), low leverage and low earnings variability.

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



## ANNUAL PERFORMANCE (%)

Year	MSCI World ex USA Sector Neutral Quality	MSCI World ex USA
2022	-15.28	-14.29
2021	12.87	12.62
2020	13.23	7.59
2019	28.23	22.49
2018	-10.97	-14.09
2017	24.52	24.21
2016	0.74	2.75
2015	-0.83	-3.04
2014	-1.29	-4.32
2013	17.44	21.02
2012	18.62	16.41
2011	-7.15	-12.21
2010	11.54	8.95
2009	38.25	33.67

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Nov 30, 1998
					3 Yr	5 Yr	10 Yr	Since Nov 30, 1998	
MSCI World ex USA Sector Neutral Quality	-3.91	3.04	16.89	9.69	5.88	6.12	6.51	6.01	
MSCI World ex USA	-3.87	3.96	16.45	10.45	6.28	4.31	4.91	4.54	

## FUNDAMENTALS (AUG 31, 2023)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.04	14.84	15.37	2.92
3.12	14.65	12.88	1.74

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 1998 – AUG 31, 2023)

	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 ex USA Sector Neutral Quality	0.97	3.09	25.92	18.34	17.68	14.71	0.31	0.33	0.42	0.32	59.75	2007-10-31–2009-03-09
MSCI World ex USA	1.00	0.00	2.13	18.09	18.04	14.99	0.34	0.23	0.32	0.23	60.37	2007-10-31–2009-03-09

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net 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 and the UK.

The MSCI World ex USA Sector Neutral Quality Index was launched on Oct 21, 2014. 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**

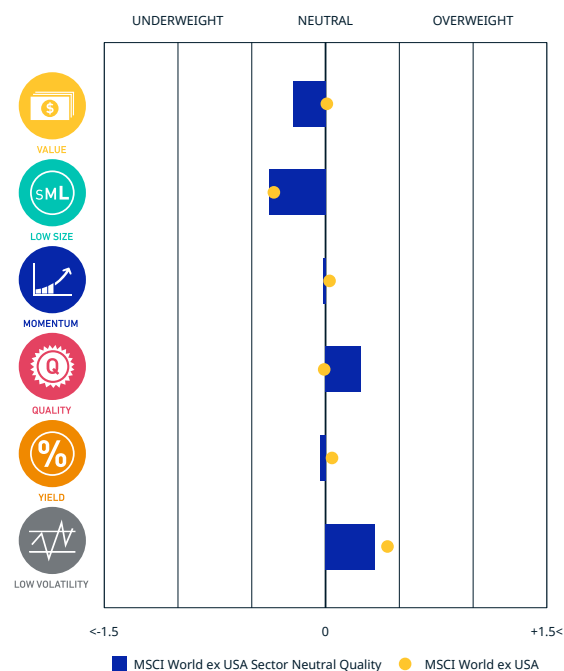
	MSCI World ex USA Sector Neutral Quality	MSCI World ex USA
<b>Number of Constituents</b>	300	885
<b>Weight (%)</b>		
<b>Largest</b>	5.39	1.93
<b>Smallest</b>	0.01	0.01
<b>Average</b>	0.33	0.11
<b>Median</b>	0.15	0.05

**TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
NOVO NORDISK B	DK	5.39	1.79	Health Care
ASML HLDG	NL	4.34	1.55	Info Tech
LVMH MOET HENNESSY	FR	3.51	1.36	Cons Discr
ROCHE HOLDING GENUSS	CH	3.48	1.20	Health Care
NESTLE	CH	3.29	1.93	Cons Staples
BHP GROUP (AU)	AU	2.35	0.86	Materials
ALLIANZ	DE	1.81	0.57	Financials
WOODSIDE ENERGY GROUP	AU	1.49	0.26	Energy
ZURICH INSURANCE GROUP	CH	1.49	0.41	Financials
UNILEVER PLC (GB)	GB	1.39	0.75	Cons Staples
<b>Total</b>		<b>28.55</b>	<b>10.68</b>	

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

**MSCI FACTOR BOX**



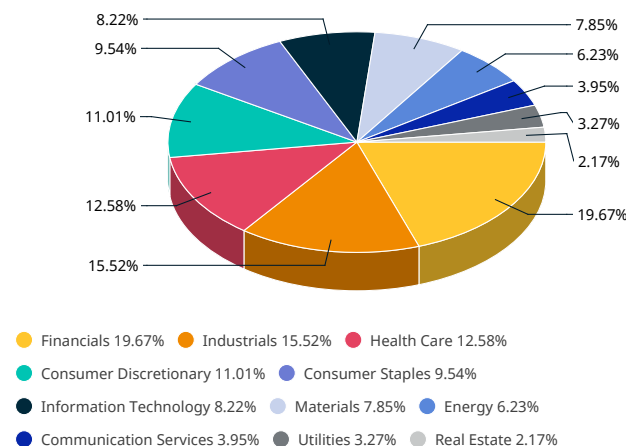
**MSCI FaCS**

- 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

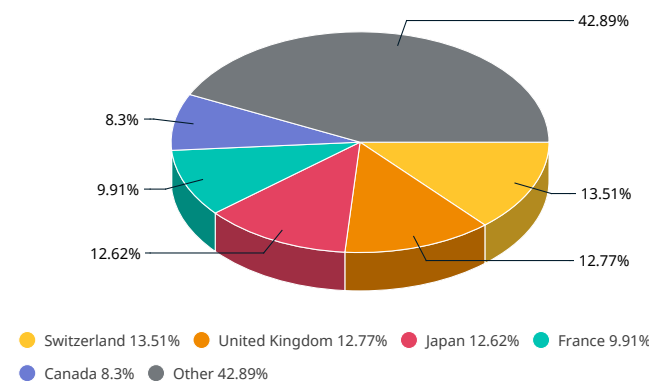
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

**SECTOR WEIGHTS**



**COUNTRY WEIGHTS**



## INDEX FRAMEWORK

The MSCI Sector Neutral Quality Index aims to reflect the performance of securities that exhibit stronger quality characteristics relative to their peers within the same GICS® sector. They are constructed by using the Quality Score that is computed within the sector. The Indexes are constructed with a fixed number of securities approach. A fixed number of securities with the highest positive quality scores are determined for each MSCI Quality Index with the goal of achieving high exposure to the quality factor while maintaining sufficient index market capitalization and number of securities coverage. All securities eligible for inclusion in the MSCI Sector Neutral Quality Indexes are weighted by the product of their market cap weight in the parent index and their Quality Score. A composite quality z-score for each security is calculated by combining Z-scores of three winsorized fundamental variables namely, high Return-on-Equity(ROE), low leverage and low earnings variability. A sector-relative quality score is then derived from the composite quality z-score. It is arrived at by standardizing the composite quality z-score within each sector. The sector-relative quality scores are winsorized at +/- 3. The indexes are rebalanced semi-annually, as of the close of the last business day of November and May.

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

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