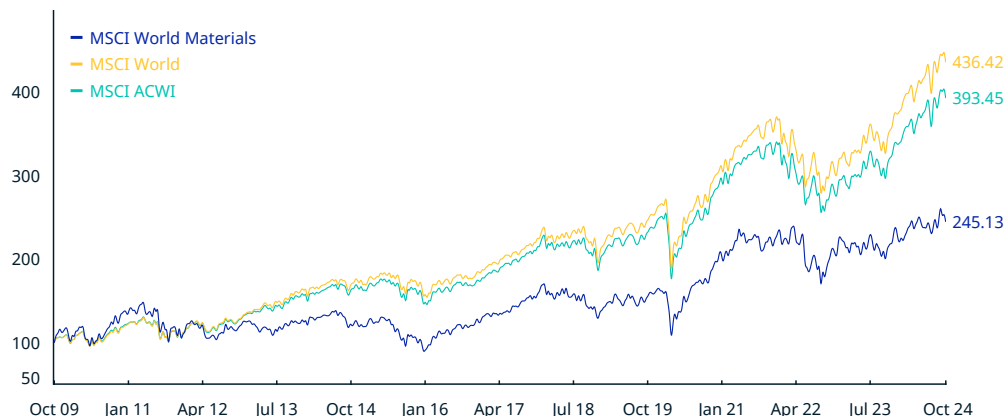


MSCI World Materials Index (USD)

The **MSCI World Materials Index** is designed to capture the large and mid cap segments across 23 Developed Markets (DM) countries*. All securities in the index are classified in the Materials sector as per the Global Industry Classification Standard (GICS®).

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 Materials	MSCI World	MSCI ACWI
2023	14.77	23.79	22.20
2022	-10.75	-18.14	-18.36
2021	16.32	21.82	18.54
2020	19.94	15.90	16.25
2019	23.35	27.67	26.60
2018	-16.93	-8.71	-9.41
2017	28.94	22.40	23.97
2016	22.46	7.51	7.86
2015	-15.26	-0.87	-2.36
2014	-5.06	4.94	4.16
2013	3.43	26.68	22.80
2012	11.30	15.83	16.13
2011	-19.84	-5.54	-7.35
2010	21.27	11.76	12.67

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

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
MSCI World Materials	-5.78	0.53	21.16	3.92	3.78	9.53	7.25	7.41	
MSCI World	-1.98	2.45	33.68	16.50	6.38	12.03	9.78	6.63	
MSCI ACWI	-2.24	2.57	32.79	16.00	5.51	11.08	9.06	6.51	

FUNDAMENTALS (OCT 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.50	21.52	16.60	2.21
1.78	22.35	18.76	3.45
1.86	21.45	17.75	3.16

INDEX RISK AND RETURN CHARACTERISTICS (OCT 31, 2024)

	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 Materials	4.56	21.40	21.72	19.29	0.11	0.42	0.37	0.28	67.03	2008-05-19–2008-11-20
MSCI World	2.31	16.83	17.80	15.00	0.24	0.60	0.58	0.41	57.82	2007-10-31–2009-03-09
MSCI ACWI	2.48	16.45	17.42	14.81	0.19	0.56	0.54	0.36	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, 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 Materials Index was launched on Sep 15, 1999. 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

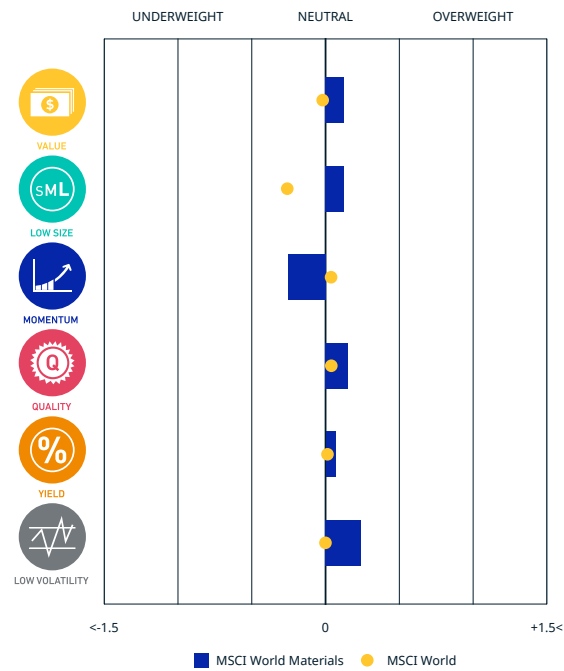
MSCI World Materials	
Number of Constituents	100
Mkt Cap (USD Millions)	
Index	2,480,147.97
Largest	219,278.75
Smallest	2,215.61
Average	24,801.48
Median	14,404.87

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)
LINDE (NEW)	US	219.28	8.84
BHP GROUP (AU)	AU	141.64	5.71
AIR LIQUIDE	FR	103.35	4.17
SHERWIN-WILLIAMS CO	US	86.42	3.48
RIO TINTO PLC (GB)	GB	72.70	2.93
AIR PRODUCTS & CHEMICALS	US	69.03	2.78
SHIN-ETSU CHEMICAL CO	JP	68.06	2.74
CRH (US)	US	65.57	2.64
FREEPORT MCMORAN B	US	64.67	2.61
ECOLAB	US	63.16	2.55
Total		953.88	38.46

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



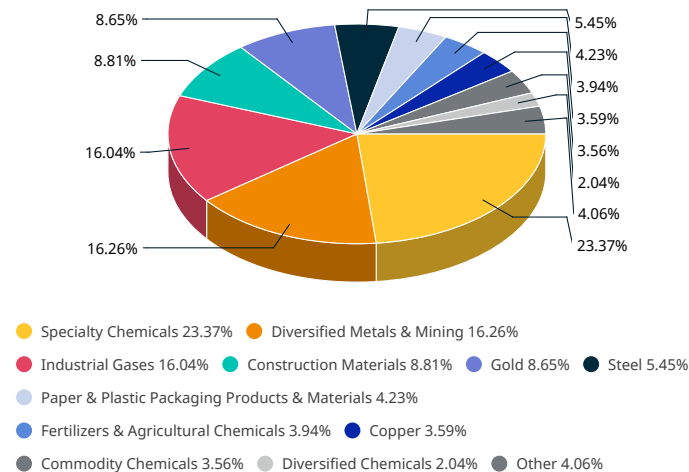
MSCI FaCS

- 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

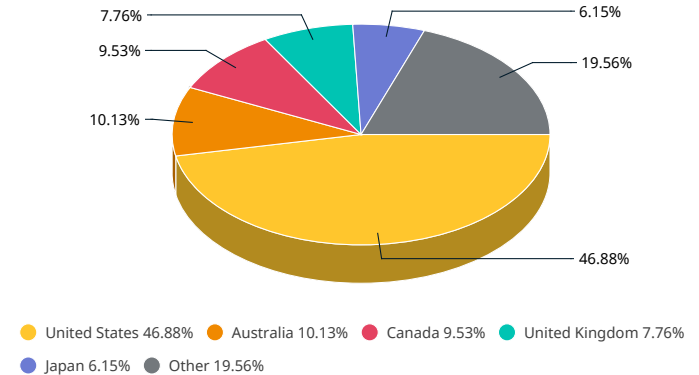
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SUB-INDUSTRY 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

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