

# MSCI ACWI Automobiles and Components Index (USD)

The MSCI ACWI Automobiles and Components Index is composed of large and mid cap stocks across 23 Developed Markets (DM) and 24 Emerging Markets (EM) countries\*. All securities in the index are classified in the Automobiles and Components industry group (within the Consumer Discretionary sector) according to the Global Industry Classification Standard (GICS®).

## CUMULATIVE INDEX PERFORMANCE – PRICE RETURNS (USD) (AUG 2007 – AUG 2022)



## ANNUAL PERFORMANCE (%)

Year	MSCI ACWI Auto and Components	MSCI ACWI	MSCI Emerging Markets
2021	26.88	16.80	-4.59
2020	64.45	14.33	15.84
2019	10.46	24.05	15.42
2018	-24.86	-11.18	-16.63
2017	22.06	21.62	34.35
2016	-4.41	5.63	8.58
2015	-2.41	-4.26	-16.96
2014	-3.91	2.10	-4.63
2013	30.29	20.25	-4.98
2012	24.77	13.43	15.15
2011	-17.30	-9.41	-20.41
2010	25.80	10.42	16.36
2009	52.08	31.51	74.50
2008	-50.16	-43.54	-54.47

## INDEX PERFORMANCE – PRICE RETURNS (%) (AUG 31, 2022)

	ANNUALIZED								FUNDAMENTALS (AUG 31, 2022)			
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since Dec 30, 1994	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI ACWI Auto and Components	-4.74	0.58	-10.45	-22.85	21.97	8.52	8.25	5.22	1.65	15.27	13.32	1.75
MSCI ACWI	-3.86	-6.08	-17.29	-18.78	6.27	5.09	6.65	5.08	2.26	17.09	14.56	2.59
MSCI Emerging Markets	0.03	-7.75	-24.04	-19.31	0.33	-1.78	0.48	2.57	3.33	12.41	11.09	1.64

## INDEX RISK AND RETURN CHARACTERISTICS (AUG 31, 2022)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO 2,3			Since Dec 30, 1994	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI ACWI Auto and Components	5.20	34.23	28.99	22.91	0.73	0.38	0.42	0.23	63.25	2007-10-31–2009-03-09
MSCI ACWI	2.86	18.50	16.57	13.62	0.39	0.31	0.49	0.24	59.61	2007-10-31–2009-03-09
MSCI Emerging Markets	5.79	17.89	16.87	15.72	0.07	-0.09	0.06	0.12	66.05	2007-10-29–2008-10-27

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly price 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. 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 Automobiles and Components 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**

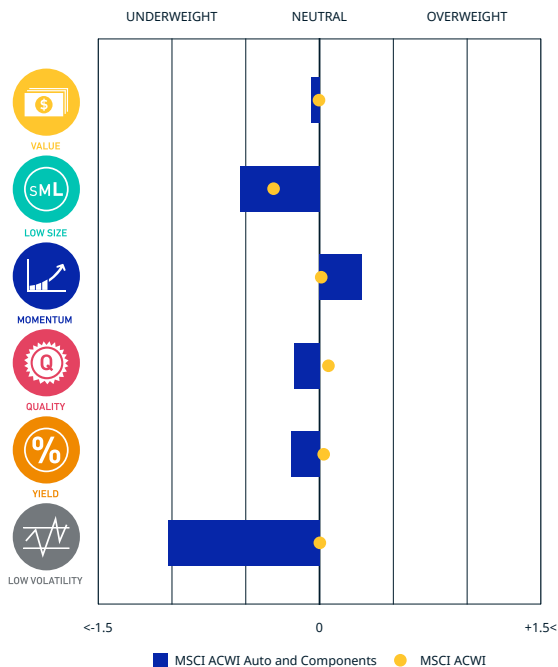
MSCI ACWI Auto and Components	
<b>Number of Constituents</b>	81
<b>Mkt Cap (USD Millions)</b>	
<b>Index</b>	1,677,979.81
<b>Largest</b>	726,354.83
<b>Smallest</b>	184.57
<b>Average</b>	20,715.80
<b>Median</b>	5,529.92

**TOP 10 CONSTITUENTS**

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)
TESLA	US	726.35	43.29
TOYOTA MOTOR CORP	JP	160.76	9.58
FORD MOTOR CO	US	59.94	3.57
GENERAL MOTORS	US	52.74	3.14
MERCEDES BENZ GROUP	DE	45.28	2.70
HONDA MOTOR CO	JP	43.80	2.61
STELLANTIS	IT	29.45	1.75
VOLKSWAGEN VORZUG	DE	26.53	1.58
NIO A ADR	CN	26.16	1.56
BYD CO H	CN	25.41	1.51
<b>Total</b>		<b>1,196.42</b>	<b>71.30</b>

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

**MSCI FACTOR BOX**



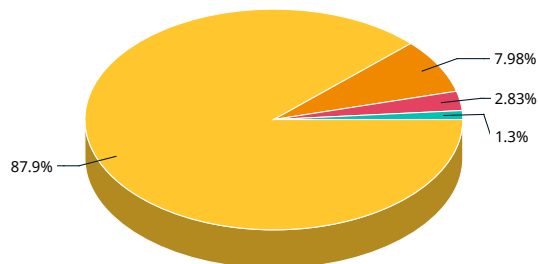
**MSCI FaCS**

- 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.

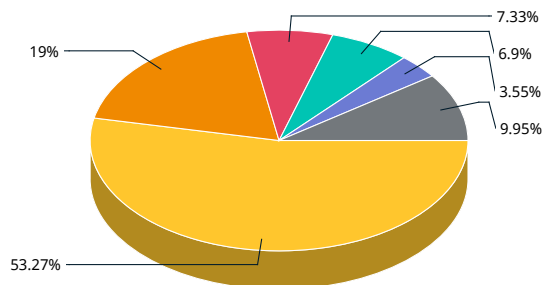
Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

**SUB-INDUSTRY WEIGHTS**



- Automobile Manufacturers 87.9%
- Auto Parts & Equipment 7.98%
- Tires & Rubber 2.83%
- Motorcycle Manufacturers 1.3%

**COUNTRY WEIGHTS**



- United States 53.27%
- Japan 19%
- Germany 7.33%
- China 6.9%
- India 3.55%
- Other 9.95%

## INDEX FRAMEWORK

The index is based on the [MSCI Global Investable Market Indexes \(GIMI\) Methodology](#)—a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability. The index is reviewed quarterly—in February, May, August and November—with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and the large and mid capitalization cutoff points are recalculated.

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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