# **MSCI ACWI + Frontier Markets Index (USD)**

The MSCI ACWI + Frontier Markets (FM) Index captures large and mid cap representation across 23 Developed, 24 Emerging and 28 Frontier Markets countries\*. With 3,049 constituents, the index covers approximately 85% of the global equity investment opportunity set. For a complete description of the index methodology, please see Index methodology - MSCI.

# CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (APR 2009 – APR 2024)



### **ANNUAL PERFORMANCE (%)**

Year	MSCI ACWI + Frontier Markets	MSCI ACWI	MSCI Emerging Markets
2023	22.18	22.20	9.83
2022	-18.38	-18.36	-20.09
2021	18.54	18.54	-2.54
2020	16.22	16.25	18.31
2019	26.58	26.60	18.42
2018	-9.43	-9.41	-14.57
2017	23.99	23.97	37.28
2016	7.85	7.86	11.19
2015	-2.40	-2.36	-14.92
2014	4.19	4.16	-2.19
2013	22.81	22.80	-2.60
2012	16.10	16.13	18.22
2011	-7.40	-7.35	-18.42
2010	12.72	12.67	18.88

FUNDAMENTALS (APR 30, 2024)

# INDEX PERFORMANCE - NET RETURNS (%) (APR 30, 2024)

					ANNUALIZED								
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr <sub>M</sub>	Since lay 31, 2002	Div Yld (%)	P/E	P/E Fwd	P/BV	
MSCI ACWI + Frontier Markets	-3.30	4.01	17.45	4.62	4.26	9.43	8.18	7.55	1.98	20.49	na	2.98	
MSCI ACWI	-3.30	4.02	17.46	4.63	4.27	9.44	8.19	7.58	1.98	20.52	17.08	2.98	
MSCI Emerging Markets	0.45	7.83	9.88	2.83	-5.69	1.89	2.96	7.72	2.78	15.84	12.16	1.72	

# INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2024)

		ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Turnover (%) <sup>1</sup>	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 31, 2002	(%) Period YYYY-MM-DD		
MSCI ACWI + Frontier Markets	2.59	16.61	17.80	14.79	0.17	0.48	0.51	0.44	58.34	2007-10-31-2009-03-09	
MSCI ACWI	2.57	16.62	17.81	14.80	0.17	0.48	0.51	0.44	58.38	2007-10-31-2009-03-09	
MSCI Emerging Markets	6.15	17.69	19.03	17.18	-0.40	0.08	0.17	0.39	65.25	2007-10-29-2008-10-27	
<sup>1</sup> Las	t 12 months	<sup>2</sup> Based on	monthly net r	eturns data	<sup>3</sup> Based on NY FED Overnight SOFR from Se				p 1 2021 & on ICE LIBOR 1M prior that date		

\* Developed 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, UK and USA. 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. Frontier countries include: Bahrain, Bangladesh, Benin, Burkina Faso, Croatia, Estonia, Guinea-Bissau, Iceland, Ivory Coast, Jordan, Kazakhstan, Kenya, Latvia, Lithuania, Mauritius, Morocco, Mali, Niger, Oman, Pakistan, Romania, Senegal, Serbia, Slovenia, Sri Lanka, Togo, Tunisia and Vietnam.

The MSCI ACWI + Frontier Markets Index was launched on Feb 07, 2008. 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.



APR 30, 2024

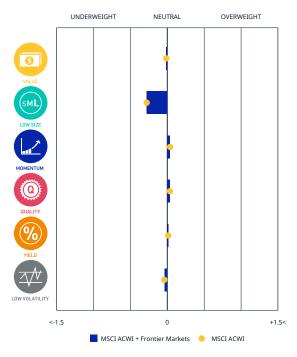
### **INDEX CHARACTERISTICS**

### **TOP 10 CONSTITUENTS**

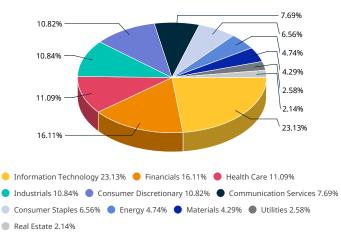
Index Factsheet

	MSCI ACWI + Frontier Markets	_	Country	Float Adj Mkt	Index	Sector
Number of	3,049			Cap ( USD Billions)	Wt. (%)	
Constituents		MICROSOFT CORP	US	2.748.92	3.94	Info Tech
	Mkt Cap ( USD Millions)	APPLE		2.501.94	3.58	Info Tech
Index	69,789,701.97	NVIDIA	US US	2,134.13	3.06	Info Tech
Largest	2,748,922.56	AMAZON.COM	US	1,627.61	2.33	Cons Discr
Smallest	51.93	ALPHABET A	US	963.33	1.38	Comm Srvcs
Average	22,889.37	META PLATFORMS A	US	954.81	1.37	Comm Srvcs
Median	5,556.80	ALPHABET C	US	848.31	1.22	Comm Srvcs
		LILLY (ELI) & COMPANY	US	630.28	0.90	Health Care
		TAIWAN SEMICONDUCTOR MFG	TW	597.69	0.86	Info Tech
		BROADCOM	US	578.27	0.83	Info Tech
		Total		13,585.30	19.47	

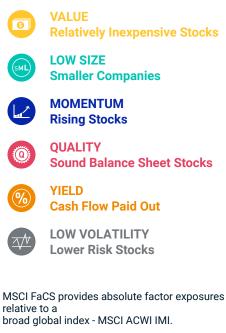
# FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



# SECTOR WEIGHTS



# MSCI FaCS



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

# 2.84% 3.58% 5.42% 4.4%

**COUNTRY WEIGHTS** 

# 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**

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 <u>www.msci.com</u>.

The information contained herein (the "Information") may not be reproduced or redisseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indexes, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information or any MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR IS OR THEIR PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN "MSCI PARTY") MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTY" INVOLVES. ANY DISTECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY OF THE MSCI PARTY LIABILITY AND FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTY LIABILITY REGARDING ANY OF THE INFORMATION FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY O

© 2024 MSCI Inc. All rights reserved.

