MSCI World Minimum Volatility ESG Target Index (USD)

The MSCI World Minimum Volatility ESG Target Index is based on MSCI World Index, its parent index, which includes large and mid-cap stocks across 23 Developed Market (DM) countries* across the world. The index is designed to represent the performance of a strategy that seeks systematic integration of environmental, social and governance (ESG) norms in minimum volatility investing by seeking to minimize risk along with the improvement in the ESG profile of the index. The Index aims to achieve lowest risk while improving the ESG score relative to the underlying parent index.

For a complete description of the index methodology, please see Index methodology - MSCI.

CUMULATIVE INDEX PERFORMANCE — GROSS RETURNS (USD) (MAR 2009 — MAR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI World Minimum Volatility ESG Target	MSCI World
2023	10.74	24.42
2022	-10.30	-17.73
2021	16.12	22.35
2020	5.06	16.50
2019	26.23	28.40
2018	-3.14	-8.20
2017	18.08	23.07
2016	7.27	8.15
2015	6.47	-0.32
2014	12.72	5.50
2013	21.36	27.37
2012	10.63	16.54
2011	6.20	-5.02
2010	10.26	12.34

INDEX PERFORMANCE – GROSS RETURNS (%) (MAR 29, 2024)

FUNDAMENTALS (MAR 29, 2024)

					ANNUALIZED							
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr _N	Since lov 30, 2007	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI World Minimum Volatility ESG Target	2.79	5.68	13.42	5.68	6.21	7.69	8.79	7.40	2.52	19.20	16.74	3.23
MSCI World	3.27	9.01	25.72	9.01	9.13	12.63	9.97	7.38	1.82	21.97	18.72	3.36

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2007 - MAR 29, 2024)

				ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Beta	Tracking Error (%)	Turnover (%) 1	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since Nov 30, 2007	(%)	Period YYYY-MM-DD	
MSCI World Minimum Volatility ESG Target	0.64	7.70	20.58	13.15	13.36	11.12	0.33	0.47	0.69	0.57	41.49	2007-12-10-2009-03-09	
MSCI World	1.00	0.00	2.29	17.04	18.07	14.91	0.45	0.64	0.62	0.44	56.50	2007-12-10-2009-03-09	
	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												

The MSCI World Minimum Volatility ESG Target Index was launched on Sep 28, 2017. 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.



^{*} 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.

MAR 29, 2024 Index Factsheet

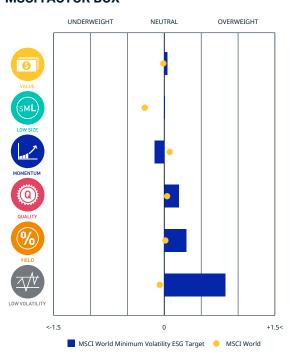
INDEX CHARACTERISTICS

	MSCI World Minimum Volatility ESG Target	MSCI World					
Number of	225	1,465					
Constituents							
	Weight (%)						
Largest	1.70	4.57					
Smallest	0.03	0.00					
Average	0.44	0.07					
Median	0.29	0.02					

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
IBM CORP	US	1.70	0.27	Info Tech
MERCK & CO	US	1.60	0.51	Health Care
MICROSOFT CORP	US	1.54	4.57	Info Tech
MOTOROLA SOLUTIONS	US	1.53	0.09	Info Tech
GRAINGER (WW)	US	1.45	0.07	Industrials
FERGUSON(US)	US	1.43	0.07	Industrials
CISCO SYSTEMS	US	1.42	0.31	Info Tech
SAP	DE	1.42	0.31	Info Tech
VERTEX PHARMACEUTICALS	US	1.40	0.17	Health Care
TEXAS INSTRUMENTS	US	1.34	0.24	Info Tech
Total		14.84	6.62	

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



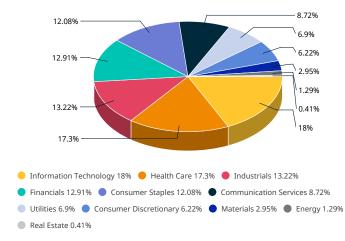
LOW VOLATILITY Lower Risk Stocks

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

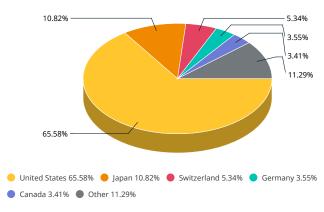
Neutral factor exposure (FaCS = 0) represents

MSCI ACWI IMI.

SECTOR WEIGHTS



COUNTRY WEIGHTS





MAR 29, 2024 Index Factsheet

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.

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 ITS OR THEIR DIRECT OR INDIRECT SUPPLIERS OR ANY THIRD 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 OR 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 PARTIES HAVE ANY LIABILITY REGARDING ANY OF THE INFORMATION FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY OTHER DAMAGES EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited.

© 2024 MSCI Inc. All rights reserved.

