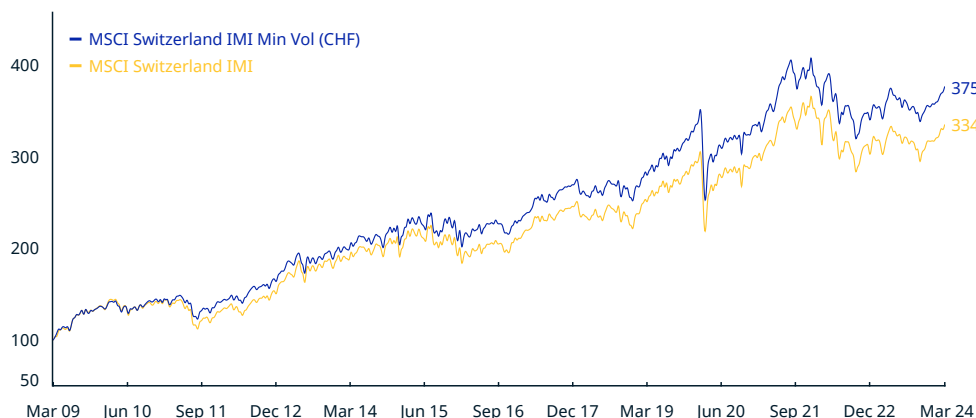


# MSCI Switzerland IMI Minimum Volatility (CHF) Index (CHF)

The **MSCI Switzerland IMI Minimum Volatility (CHF) Index** aims to reflect the performance characteristics of a minimum variance strategy applied to the MSCI large, mid and small cap Swiss equity universe. The index is calculated by optimizing MSCI Switzerland IMI, its parent index, for the lowest absolute risk (within a given set of constraints). Historically, the index has shown lower beta and volatility characteristics relative to MSCI Switzerland IMI.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

## CUMULATIVE INDEX PERFORMANCE – NET RETURNS (CHF) (MAR 2009 – MAR 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI Switzerland IMI Min Vol (CHF)	MSCI Switzerland IMI
2023	4.83	5.28
2022	-16.69	-17.39
2021	22.20	22.88
2020	2.21	2.77
2019	28.86	29.92
2018	-6.41	-9.59
2017	19.24	18.96
2016	-1.79	-2.45
2015	4.30	1.92
2014	12.14	11.40
2013	19.85	23.63
2012	17.89	17.64
2011	-1.90	-7.88
2010	4.97	2.58

## INDEX PERFORMANCE – NET RETURNS (%) (MAR 29, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since May 31, 2001
					3 Yr	5 Yr	10 Yr		
MSCI Switzerland IMI Min Vol (CHF)	3.39	6.06	4.99	6.06	2.74	5.91	6.22		5.28
MSCI Switzerland IMI	3.62	5.61	5.33	5.61	2.53	5.74	5.60		4.11

## FUNDAMENTALS (MAR 29, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.32	17.91	17.07	2.97
2.91	17.96	17.53	3.45

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2001 – MAR 29, 2024)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2, 3</sup>			Since May 31, 2001	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Switzerland IMI Min Vol (CHF)	0.89	2.95	17.14	12.02	11.81	11.32	0.26	0.56	0.63	0.46	50.71	2007-06-01–2009-03-09
MSCI Switzerland IMI	1.00	0.00	1.95	12.76	12.57	12.03	0.23	0.52	0.55	0.35	54.68	2007-06-01–2009-03-09

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly net returns data

<sup>3</sup> Based on Six Overnight SARON from Sep 1 2021 & on ICE LIBOR 1M prior that date

The MSCI Switzerland IMI Minimum Volatility (CHF) Index was launched on May 09, 2019. 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

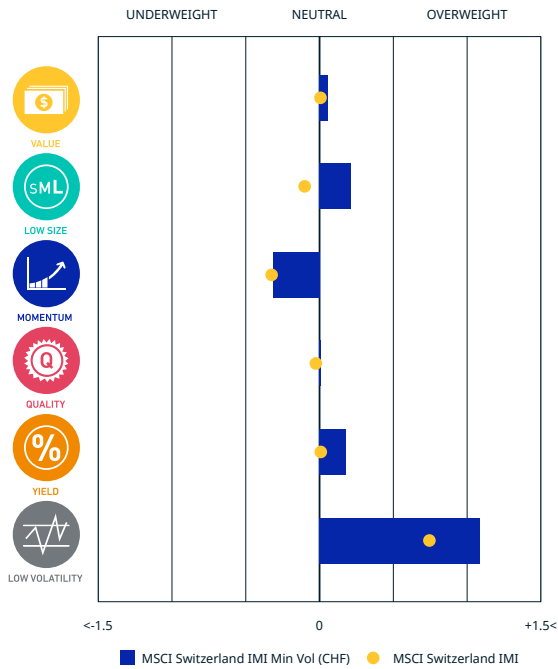
	MSCI Switzerland IMI Min Vol (CHF)	MSCI Switzerland IMI
Number of Constituents	45	120
Weight (%)		
Largest	9.27	16.67
Smallest	0.06	0.01
Average	2.22	0.83
Median	1.36	0.14

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
ZURICH INSURANCE GROUP	9.27	4.64	Financials
SWISSCOM	9.24	0.93	Comm Srvcs
NESTLE	9.06	16.67	Cons Staples
NOVARTIS	8.79	11.68	Health Care
ABB LTD	6.07	4.37	Industrials
ROCHE HOLDING GENUSS	5.33	10.52	Health Care
HOLCIM	4.27	2.78	Materials
LINDT & SPRUENGLI NAMEN	4.11	0.76	Cons Staples
SWISS RE	3.12	2.28	Financials
ALCON	2.79	2.44	Health Care
Total	62.04	57.06	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



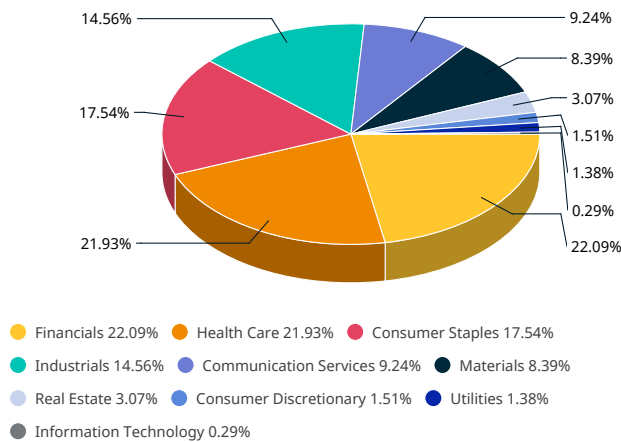
MSCI FaCS

- 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



**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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