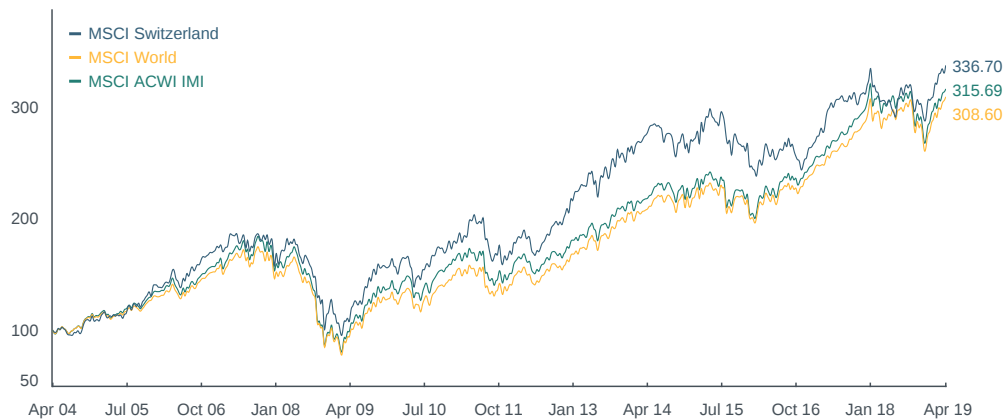


# MSCI SWITZERLAND INDEX (USD)

The MSCI Switzerland Index is designed to measure the performance of the large and mid cap segments of the Swiss market. With 39 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in Switzerland.

## CUMULATIVE INDEX PERFORMANCE - GROSS RETURNS (USD) (APR 2004 – APR 2019)



## ANNUAL PERFORMANCE (%)

Year	MSCI Switzerland	MSCI World	MSCI ACWI IMI
2018	-8.20	-8.20	-9.61
2017	23.62	23.07	24.58
2016	-4.04	8.15	8.96
2015	1.20	-0.32	-1.68
2014	0.66	5.50	4.36
2013	27.56	27.37	24.17
2012	21.47	16.54	17.04
2011	-6.05	-5.02	-7.43
2010	12.86	12.34	14.87
2009	26.61	30.79	37.18
2008	-29.90	-40.33	-42.01
2007	6.06	9.57	11.66
2006	28.23	20.65	21.49
2005	17.13	10.02	12.06

## INDEX PERFORMANCE — GROSS RETURNS (%) (APR 30, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since May 31, 1994
MSCI Switzerland	1.94	9.02	10.50	15.75	8.80	3.71	11.29	9.28
MSCI World	3.60	8.25	7.08	16.70	12.02	7.91	12.20	7.59
MSCI ACWI IMI	3.36	7.44	4.83	16.22	11.79	7.46	11.90	7.36

## FUNDAMENTALS (APR 30, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.10	20.11	16.58	2.80
2.44	18.35	15.74	2.46
2.42	18.09	15.49	2.25

## INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2019)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2, 3</sup>			Since May 31, 1994	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI Switzerland	2.03	11.03	11.89	14.61	0.69	0.29	0.77	na	51.74	2007-12-10—2009-03-03
MSCI World	2.18	10.17	11.06	13.25	1.03	0.66	0.89	na	57.46	2007-10-31—2009-03-09
MSCI ACWI IMI	2.46	10.25	11.21	13.63	1.00	0.62	0.85	0.37	58.28	2007-10-31—2009-03-09

<sup>1</sup> Last 12 months

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

<sup>3</sup> Based on ICE LIBOR 1M

The MSCI Switzerland Index was launched on Mar 31, 1986. Data prior to the launch date is back-tested data (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.

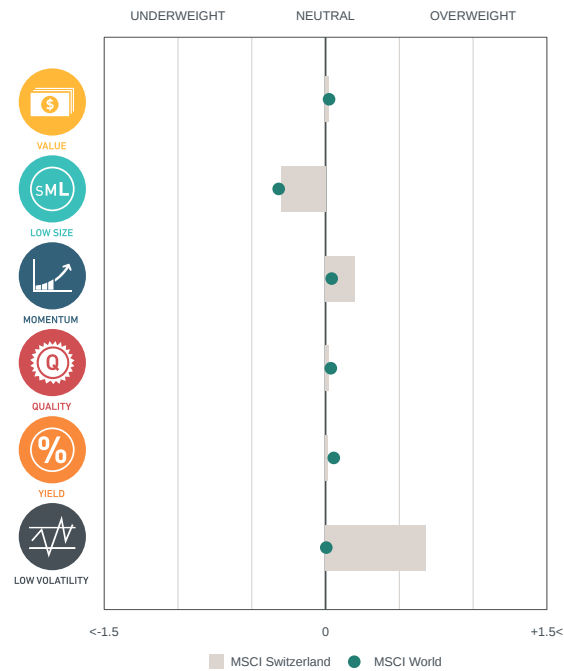
## INDEX CHARACTERISTICS

MSCI Switzerland	
Number of Constituents	39
Mkt Cap (USD Millions)	
Index	1,221,259.85
Largest	294,727.33
Smallest	3,038.58
Average	31,314.36
Median	11,198.89

## TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)	Sector
NESTLE	294.73	24.13	Cons Staples
ROCHE HOLDING GENUSS	185.19	15.16	Health Care
NOVARTIS	177.04	14.50	Health Care
UBS GROUP	51.70	4.23	Financials
ZURICH INSURANCE GROUP	48.26	3.95	Financials
FIN RICHEMONT NAMEN A	38.16	3.12	Cons Discr
ABB LTD	37.93	3.11	Industrials
CREDIT SUISSE	34.11	2.79	Financials
SWISS RE	29.33	2.40	Financials
ALCON	24.97	2.04	Health Care
<b>Total</b>	<b>921.41</b>	<b>75.45</b>	

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



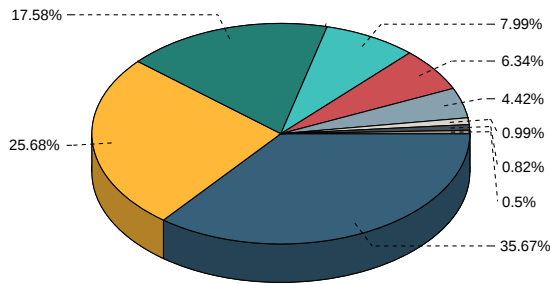
## MSCI FaCS

- 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.

## SECTOR WEIGHTS



- Health Care 35.67%
- Consumer Staples 25.68%
- Financials 17.58%
- Industrials 7.99%
- Materials 6.34%
- Consumer Discretionary 4.42%
- Communication Services 0.99%
- Information Technology 0.82%
- Real Estate 0.5%

## INDEX METHODOLOGY

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.

## FACTOR BOX AND FaCS METHODOLOGY

MSCI FaCS is a standard method ([MSCI FaCS Methodology](#)) 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

For more than 40 years, MSCI' research-based indexes and analytics have helped the world' leading investors build and manage better portfolios. Clients rely on our offerings for deeper insights into the drivers of performance and risk in their portfolios, broad asset class coverage and innovative research. Our line of products and services includes indexes, analytical models, data, real estate benchmarks and ESG research. MSCI serves 99 of the top 100 largest money managers, according to the most recent P&I ranking. For more information, visit us at [www.msci.com](http://www.msci.com).

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