



Benchmark Statement

Equity Benchmark Family

1 General Information

According to Article 27 of the Regulation (EU) 2016/1011 of the European Parliament and of the Council, of 8 June 2016, on indices used as benchmarks in financial instruments and financial contracts or to measure the performance of investment funds (the "EU BMR"), SIX Financial Information AG, as the administrator of certain benchmarks which may be used in the European Union, shall publish a benchmark statement for each family of benchmarks (the "Benchmark Statement").

This Benchmark Statement has been created for the Equity Benchmark Family, which consist of several indices as outlined in the Appendix. All benchmarks in the Equity Benchmark Family:

- Use readily available data, that is no contributed data is used.
- Classify as either significant or non-significant benchmarks (further details in the Appendix)

This Benchmark Statement has been last updated and published on 29 January 2020.

2 Description of the Market or Economic Reality

The Equity Benchmark Family comprises benchmarks which aim to measure the performance of a selection of stocks and/or real estate funds that trade on SIX Swiss Exchange. This selection is based on different criteria, for example size, liquidity, or an investment strategy.

Each benchmark within the Equity Benchmark Family is constructed using stocks and/or funds from well-defined universes:

- The equity universe consists of all instruments with a primary listing on SIX Swiss Exchange.
- The real estate funds universe consists of all instruments with a primary listing on SIX and at least 75% of their assets or fund assets invested in Switzerland.

SIX defined transparent, accurate and concise rules about the eligibility and selection of benchmark constituents, the review frequency of a benchmark, as well as the weighting scheme within a benchmark and types of re-investment calculation applied in the respective methodology rulebooks. All benchmarks of the Equity Benchmark Family along with their corresponding methodology rulebook are listed in the Appendix.

3 Potential Limitations of the Benchmark Family

If data which is necessary to determine the price or weight of an index component is not available to SIX due to trade suspensions or market distortions the latest available data is used. Such cases may lead to a deviation from the general principles of the indices defined in the respective methodology rulebooks. These changes may be related to review schedules, ordinary reviews as well as component and weighting changes outside of ordinary index reviews and are publicly announced with a notification period of at least 2 trading days.

In case of structural changes of the market or economic reality or in cases where the interest in a market has diminished or is non-functioning, the reliability of a methodology can no longer be ensured. SIX reviews the methodology rulebooks at least annually to anticipate any such changes and mitigate its consequences by adjusting the methodology accordingly.

4 Controls and Rules for the Exercise of Expert Judgement

The rules for each of the benchmarks within the Equity Benchmark Family have been designed to eliminate discretion or expert judgement for the benchmark calculation to the greatest extent possible. However, there might be unexpected events, such as complex corporate actions, structural changes to the markets, or operational issues at SIX Swiss Exchange, which require actions that are not described in the methodology rulebooks.

In such (unexpected) cases, a pre-defined incident and escalation process has been established. SIX will evaluate and document the use of discretion as part of the incident management process. The goal will always be to update the respective methodology rulebook to capture these unexpected cases with a new transparent rule. In addition, any

feedback from market participants about the use of discretion will usually be discussed in the upcoming Equity Index Commission meeting.

SIX ensures that the rules of the benchmarks are applied correctly and fulfil the required quality standards. SIX works against structured processes to ensure compliance with a regulatory framework. Further documentation on regulation and processes can be found on the [SIX website](#). Based on the general principles outlined in the Equity rulebook in section 2, SIX reserves the right to adjust index compositions, component weightings or notification periods.



The **Methodology Rulebook Governing Equity and Real Estate Indices** document can be downloaded from the following website:

<https://www.six-group.com>

5 Methodology of the Benchmark Family

The benchmark methodologies used in the Equity Benchmark Family are designed to measure the market or economic reality described in section 2. The benchmark methodologies are written using clear, transparent and concise rules, which makes it easy for the benchmark users to select the appropriate benchmark for their purpose.

SIX follows a structured and detailed process for benchmark methodology changes. A revised methodology must remain executable and result in an accurate and reliable representation of the economic realities of the interest the benchmark seeks to measure. Under no circumstances will SIX retrospectively change any of its rules and/or methodologies. SIX ensures that a change of methodology does not violate any of the requirements defined for developing a benchmark methodology and does not violate the minimum disclosure requirement defined for the content of the benchmark methodology.

Where feasible, SIX aims to consult on all material methodology changes with representatives of relevant clients and other stakeholder groups. A material methodology change comprises a change that "significantly modifies the procedures applied to the determination of a benchmark" and, therefore, the benchmark value compared to an unchanged scenario. Examples of changes that are considered material in their nature include changes in:

- Benchmark objective and the market it seeks to measure (for example, market leader components vs. mid cap companies)
- Benchmark component count (for fixed component indices)
- Periodical review frequency
- Component universe and selection rules
- Weighting rules
- Introduction or removal of fast exit/entry rules
- Component replacement procedures
- Corporate actions treatments including merger and takeover treatments, and/or
- Rebalancing rules

A summary of the market consultations' comments and SIX' summary response to those comments will be made accessible to clients and stakeholders after any given consultation period, except where the originator of the comments has requested confidentiality.

The validity of the index methodology is reviewed on an annual basis. SIX has a right to stipulate changes to the rules if necessary to maintain the purpose of the index or if any law, regulation or decision by an authority makes this necessary or if such a change is considered appropriate due to a change in market practice. In exceptional cases a broad market consultation can be conducted. The changes to the index methodology are publicly announced with an appropriate lead time

Changes to a benchmark methodology or the cessation of a benchmark might be necessary due to several factors, both in SIX' control and beyond SIX' control. These include for example:

- Political and economic changes in markets
- Internal feedback from staff members
- External feedback from clients and other stakeholders
- Feedback from Oversight Function

Such changes or the cessation of a benchmark might have an adverse impact on financial contracts (such as derivatives), financial instruments (such as structured products) or investment funds.

For more information about the transition or cessation of a benchmark, please review the document "Procedures for cessation of a Benchmark".



The **Procedures for cessation of a Benchmark** document can be downloaded from the following website:

<https://www.six-group.com>

6 Determination of a Benchmark

All benchmarks in the Equity Benchmark family use readily available prices ("Input Data") received from SIX Swiss Exchange during the official trading hours. The benchmark methodologies do not define a minimum of data needed and do not use extrapolation to determine the benchmark value.

There is no defined hierarchy for the received Input Data. Where a benchmark is calculated intraday, prices are used as defined in the respective methodology rulebook, for example last available price. When it comes to opening values, there are two opening procedures in place accounting for the liquidity of the index components. The closing procedure is the same for all indices.

All benchmarks in the Equity Benchmark family are rebalanced on a regular basis, usually at a quarterly frequency. There might be events, for example large IPOs or mergers, that could trigger a rebalance outside the regular schedule, in line with the aim of the benchmark to accurately reflect the current market or economic reality.

In case data, necessary to determine the price or weight of a benchmark component, is not available due to, for example, market distortions, the last available data is used.

Errors in Input Data affecting the benchmark which are detected the same trading day are immediately corrected. Errors in Input Data affecting the benchmark that are older than one trading day are corrected if technically possible and appropriate.

Further details about the opening and closing procedures, rebalance procedures and schedules, and errors in Input Data can be found in the corresponding methodology rulebooks listed in the Appendix.

Appendix

This Benchmark Statement comprises the following benchmarks.

Name	Return Type ¹	Currency	ISIN	Classification ²	Rulebook
Swiss Market Index SMI® Price	Price	CHF	CH0009980894	Significant	Equity and Real Estate Indices
Swiss Market Index SMI® Price in EUR	Price	EUR	CH0015851311	Non-significant	Equity and Real Estate Indices
Swiss Market Index SMI® Total Return	Total Return	CHF	CH0000222130	Non-significant	Equity and Real Estate Indices
SMIM® (SMI MID) Price	Price	CHF	CH0019399838	Non-significant	Equity and Real Estate Indices
SMIM® (SMI MID) Total Return	Total Return	CHF	CH0019399820	Non-significant	Equity and Real Estate Indices
Swiss Leader Index Total Return	Total Return	CHF	CH0030252909	Non-significant	Equity and Real Estate Indices
Swiss Leader Index Price Index	Price	CHF	CH0030252883	Non-significant	Equity and Real Estate Indices
Swiss Performance Index SPI® Total Return	Total Return	CHF	CH0009987501	Non-significant	Equity and Real Estate Indices
Swiss Performance Index SPI® Price	Price	CHF	CH0000222353	Non-significant	Equity and Real Estate Indices
SMI Daily Short Leverage	Total Return	CHF	CH0049815571	Non-significant	Leveraged Indices
SMI® Dividend Points	n.a.	CHF	CH0049815704	Non-significant	Dividend Point Indices
SXI Real Estate® Broad Total Return	Total Return	CHF	CH0049815738	Non-significant	Equity and Real Estate Indices
SXI Real Estate® Broad Price	Price	CHF	CH0049815746	Non-significant	Equity and Real Estate Indices
SXI Real Estate® Funds Broad Total Return	Total Return	CHF	CH0009947406	Non-significant	Equity and Real Estate Indices
SXI Real Estate® Funds Broad Price	Price	CHF	CH0010240437	Non-significant	Equity and Real Estate Indices
SXI Real Estate® Funds Broad Net Return	Net Return	CHF	CH0468775033	Non-significant	Equity and Real Estate Indices
UBS 100 Index Total Return	Total Return	CHF	CH0009985836	Non-significant	Equity and Real Estate Indices
UBS 100 Index Price	Price	CHF	CH0009985257	Non-significant	Equity and Real Estate Indices

¹ Price: Only component prices are used for the index calculation, that is dividends are not re-invested

Net Return: Component prices are used for the index calculation and net dividend amounts, that is after deduction of withholding taxes, are re-invested

Total Return: Component prices are used for the index calculation and gross dividend amounts are re-invested

² According to Article 3(1)(27) of EU BMR

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