SIX Swiss Exchange Indices

Rules Governing the SBI Index Family
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1 Index Structure

1.1 Securities universe
The Swiss Bond Indices (SBI®) mirror developments in the CHF bond markets and hence in the field of interest rates. The universe of securities encompasses all bonds issued in CHF that are listed on SIX Swiss Exchange and meet the criteria for inclusion in the SBI®.

1.2 General principles
In order to achieve the stated index objective SIX Swiss Exchange defines the general principles that govern the index methodology. SIX Swiss Exchange publishes the index objective and rules for all indices.

- **Representative:**
  The development of the market is represented by the index.

- ** Tradable:**
  The index components are tradable in terms of company size and market.

- **Replicable:**
  The development of the index can be replicated in practice with a portfolio.

- **Stable:**
  High index continuity

- **Rules-based:**
  Index changes and calculations are rule-based.

- **Projectable:**
  Changes in rules are with appropriate lead time (usually at least 2 trading days) – no retrospective rule changes.

- **Transparent:**
  Decisions are based on public information.
### 1.3 Sub-division of the index

The following table shows the structure of the SBI indices. The SBI is sub-divided by segments, rating categories and terms to maturity.

<table>
<thead>
<tr>
<th>SBI®</th>
<th>SBI® Domestic</th>
<th>SBI® Foreign</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>Swiss Government</td>
<td>Non-Government</td>
</tr>
<tr>
<td>AAA-BBB</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>1 - 3 Years</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>3 - 5 Years</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>5 - 7 Years</td>
<td>•</td>
<td>•</td>
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<tr>
<td>7 - 10 Years</td>
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<tr>
<td>10+ Years</td>
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<td>7+ Years</td>
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<td>10 - 15 Years</td>
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<td>•</td>
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<tr>
<td>15+ Years</td>
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<td>•</td>
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<tr>
<td>AAA</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>1 - 3 Years</td>
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<td>•</td>
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<tr>
<td>3 - 5 Years</td>
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<td>5 - 7 Years</td>
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<td>10+ Years</td>
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<td>10 - 15 Years</td>
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<tr>
<td>AA</td>
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<td>•</td>
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<td>1 - 3 Years</td>
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<td>3 - 5 Years</td>
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<td>5 - 7 Years</td>
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<td>7 - 10 Years</td>
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<td>10 - 15 Years</td>
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<td>10 - 15 Years</td>
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<td>•</td>
</tr>
<tr>
<td>BBB</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>AAA-A</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>1 - 3 Years</td>
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<td>•</td>
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<tr>
<td>3 - 5 Years</td>
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<td>•</td>
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<td>5 - 7 Years</td>
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<td>7 - 10 Years</td>
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<td>10 - 15 Years</td>
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<td>15+ Years</td>
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<tr>
<td>A-A</td>
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<td>1 - 3 Years</td>
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<td>3 - 5 Years</td>
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<td>7 - 10 Years</td>
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<td>15+ Years</td>
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<tr>
<td>A-BBB</td>
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<td>•</td>
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<tr>
<td>AA-BBB</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>AA-A</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>A-A</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>A-BBB</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

#### 1.3.1 Segments

Since 1 October 2009, the SBI segment indices have been based on the Industry Classification Benchmark for Fixed Income (ICB FI) developed by FTSE Group.

The SBI securities universe is divided into three main segments:

- **SBI Total**: All domestic and foreign CHF-denominated bonds that fulfil the admission criteria (see Section 4.1).
- **SBI Domestic**: All domestic bonds
- **SBI Foreign**: All foreign bonds

The SBI Domestic is divided into the following subsegments:
29.06.2018

### SBI Domestic Swiss Government
- **ICB FI Domicile Code**: CH/LI
- **ICB FI Sector Code**: 15100 Nation/Treasury

### SBI Domestic Non-Government
- **ICB FI Domicile Code**: CH/LI
- **ICB FI Sector Code**: All excl. 15100 Nation/Treasury

### SBI Domestic Swiss Pfandbrief
- **ICB FI Domicile Code**: CH/LI
- **ICB FI Sector Code**: 8779 Mortgage Finance

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**The SBI Foreign is divided into the following subsegments:**

<table>
<thead>
<tr>
<th>Sub-Segment</th>
<th>ICB FI Domicile Code</th>
<th>ICB FI Sector Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBI Foreign Government</td>
<td>All excl. CH/LI</td>
<td>Sovereign (Government) &amp; Sub-Sovereign (Agencies/Semi-Gov)</td>
</tr>
<tr>
<td>SBI Foreign Corporate</td>
<td>All excl. CH/LI</td>
<td>Corporate (Corporation)</td>
</tr>
<tr>
<td>SBI Foreign Supranational</td>
<td>All excl. CH/LI</td>
<td>Supranational (Intergovernmental and UN Agencies)</td>
</tr>
</tbody>
</table>

The area „Bond Index Special Products“, which is derived from the SBI Domestic und SBI Foreign Segment is the basis for ETFs und structured products.

- Foreign AAA-BBB Mid Price
- Corporate Mid Price
- Domestic Swiss Pfandbrief Mid
- Domestic Non-Government Mid Price
- Domestic Government Mid Price

### 1.3.2 Rating categories

The bonds of the three main segments are divided into the following rating categories:

<table>
<thead>
<tr>
<th>AAA-BBB (Total)</th>
<th>AAA-A</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAA</td>
<td>AAA-AA</td>
</tr>
<tr>
<td>AA</td>
<td>AA-BBB</td>
</tr>
<tr>
<td>A</td>
<td>AA-A</td>
</tr>
<tr>
<td>BBB</td>
<td>A-BBB</td>
</tr>
</tbody>
</table>

The SBI Domestic Swiss Government is comprised exclusively of AAA bonds.
1.3.3 **Terms to maturity**

The bonds belonging to the **AAA-BBB, AAA-A, AAA-AA, AAA, AA** and **A** rating categories are divided into the following sub-indices on the basis of term to maturity:

- 1 to less than 3 years
- 3 to less than 5 years
- 5 to less than 7 years
- 7 to less than 10 years
- 10 years to less than 15 years
- 10 years and more

Additionally, the bonds belonging to the **AAA-BBB, AAA-A, AAA-AA** rating categories are divided into the following sub-indices on the basis of term to maturity:

- 1 to less than 5 years
- 5 to less than 10 years
- 10 to less than 15 years
- 1 to less than 10 years
- 1 to less than 15 years
- 15 years and more

The SBI Domestic Swiss Government is subject to special rules. Its bonds are divided additionally into the following subindices based on term to maturity:

- 3 to less than 7 years
- 7 years and more

The effective classification date is that used for calculating the yield (yield to worst). Changes to this classification system are made only once a month on the first trading day (ordinary adjustment dates according to Section 5.1).

1.3.4 **New sector indices**

On 3 January 2011, SIX Swiss Exchange introduced a number of new sector indices. They are based on the regulations developed by SIX Swiss Exchange in partnership with the Swiss Bond Commission that provide information on the classification of guarantee types and collateral, and the "Industry Classification Benchmark for Fixed Income" (ICB FI) developed by FTSE Group. The following chart contains details of the indices that are currently available:

<table>
<thead>
<tr>
<th></th>
<th>SBI Total</th>
<th>SBI Domestic</th>
<th>SBI Foreign</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government-Related</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Treasury</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sovereign</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supranational</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agency</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local Authority</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Secured/Collateralised</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Backed by Public Sector Loans</td>
<td>●</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1.4 **Standardisation**

The basic data and securities of the SBI indices, the time of first publication and other information are set out in Section 8.

1.5 **Index types**

Four types are calculated for each index and subindex:

- **Price index (performance excluding coupon payments):**
  The price index is calculated according to the Laspeyres formula. The bond price index reflects the performance of the index basket without taking into account accrued interest or coupon payments (see also Section 2.1.1).

- **Total return index (performance including coupon payments):**
  A total return index reflects the movements in the market value of an index basket. Accrued interest is taken into account in a TR index for market capitalization purposes. Upon the opening of the index, accrued interest is added daily, including that for the trading day already started. Coupon payments are taken into account in a total return index on the day of distribution (see also Section 2.1.2).

- **Yield index:**
  The yield on a bond is calculated on the basis of yield to maturity (YTM) and, where available, yield to first call (YTF). The lower of the two is designated yield to worst (YTW) and is used in the SBI. In order to obtain the average yield value in the index, each YTW figure is weighted with the relevant bond’s market capitalization used in the total return index (see also Section 2.1.4).

- **Duration index:**
  The duration of a bond is a measure of the average maturity period of the invested capital expressed in years. The same date as that for the yield-to-worst calculation is used to calculate the duration index. The SBI duration figures are calculated in accordance with the Macaulay method (see also Section 2.1.6).

1.6 **Bond Index Commission**

The Management Committee of SIX Swiss Exchange is supported by the Bond Index Commission (advisory board) in all index-related matters, notably in connection with changes to the index rules and adjustments, additions and exclusions outside of the established review and acceptance period.
The Index Commission convenes at least twice a year. It provides valuable input on how existing products can be improved and new ones created.

1.7 **Review of index concept**

The validity of the index concepts and rules is reviewed on a regular basis. In exceptional cases a broad market consultation can be conducted. The changes to the index rules are publicly announced with appropriate lead time (usually 3 months).

1.8 **Termination of the index calculation**

A decision to discontinue will be publicly announced by SIX Swiss Exchange with appropriate lead time. In case of existing financial products linked to the index, of which SIX Swiss Exchange is aware, a market consultation is conducted in advance and a transition period is introduced before the definitive termination.

2 **Index Calculation**

2.1 **Laspeyres index formula**

The SBI, like all other SIX Swiss Exchange indices, is calculated using the Laspeyres method with the weighted arithmetic mean of a defined number of securities issues. The index level is calculated by dividing the market capitalisation of all securities included in the index by a divisor.

2.1.1 **Price index**

\[
PR_t = \frac{\sum_{i=1}^{N} P_{i,s} \cdot X_{i,t}}{D_t}
\]

Legend:
- \( t \): Current day
- \( s \): Current time on day \( t \)
- \( PR_t \): Current index level
- \( D_t \): Divisor on day \( t \)
- \( N \): Number of issues in the index
- \( P_{i,s} \): Valid price of bond \( i \) at time \( s \) as %
- \( X_{i,t} \): Nominal amount of the bond \( i \) issue on day \( t \)

2.1.2 **Total return index**

\[
TR_s = \frac{\sum_{i=1}^{N} (P_{i,s} + C_i \cdot a_{it}) \cdot X_{i,t}}{D_t}
\]

Legend:
- \( C_i \): Coupon of bond \( i \) as %
- \( TR_s \): Total return index level at time \( s \)
- \( a_{it} \): Number of days since most recent coupon payment divided by the number of days in one coupon period
2.1.3 Yield to worst

The yield to maturity (YTM) and yield to first call (YTF) are determined for the purpose of calculating the yield to worst (YTW). The lower of the two values is used as YTW in the SBI.

\[
P_{i,s} + \alpha_{i,t} \cdot C_{i,T} = \left( \sum_{T=1}^{M_{i,t}} \frac{C_{i,T}}{\left(1 + \frac{YTM}{n}\right)^{M_{i,t}-a_{i,t}}} \right) + \frac{FY_i}{\left(1 + \frac{YTM}{n}\right)^{M_{i,t}-a_{i,t}}}
\]

**YTM:**

\[
P_{i,s} + \alpha_{i,t} \cdot C_{i,T} = \left( \sum_{T=1}^{T} \frac{C_{i,T}}{\left(1 + \frac{YTF}{n}\right)^{T-a_{i,t}}} \right) + \frac{FY_i}{\left(1 + \frac{YTF}{n}\right)^{T-a_{i,t}}}
\]

**YTF:**

### Legend:

- **M_{i,t}:** Term to maturity of bond \( i \) on day \( t \), expressed in number of coupon payments rounded up to the next integer
- **F_{i,t}:** Term to first call of bond \( i \) on day \( t \), expressed in number of coupon payments rounded up to the next integer
- **T:** Maturity variable
- **C_{i,T}:** Coupon payment of bond \( i \) on \( T \)
- **n:** Number of coupon payments per year
- **FV_{i}:** Face value of bond \( i \)
- **YTM_{i,s}:** Yield to maturity of bond \( i \) at time \( s \)
- **YTF_{i,s}:** Yield to first call of bond \( i \) at time \( s \)

### Annualising the yield:

For bonds with more than one coupon payment per year, the \( YTM_{i,s} \) (or \( YTF_{i,s} \)) resulting from above formula will be annualised as follows:

\[
YTM_{i,s} = \left(1 + \frac{YTM_{i,s}}{n}\right)^n - 1
\]

2.1.4 Yield index

\[
AY_s = \sum_{i=1}^{N} YTW_{i,s} \cdot G_{i,s}
\]

\[
G_{i,s} = \frac{K_{i,s} \cdot D_{i,s}}{\sum_{i=1}^{n} K_{i,s} \cdot D_{i,s}}
\]

\[
K_{i,s} = X_{i,s} \cdot \left( P_{i,s} + \alpha_{i,t} \cdot C_{i,T} \right)
\]

### Legend:

- **AY_{s}:** Average yield-index level at time \( s \)
- **YTW_{i,s}:** Yield to worst of bond \( i \) at time \( s \)
- **G_{i,s}:** Weighting of bond \( i \) issue at time \( s \)
- **K_{i,s}:** Capitalization of bond \( i \) issue at time \( s \)
- **D_{i,s}:** Duration to worst of bond \( i \) at time \( s \)

(see below for formula)

2.1.5 Duration (Macaulay’s duration)

\[
D_{i,s} = \frac{\left( \sum_{T=1}^{YWD_{i,s}} \frac{(T - a_{i,t}) \cdot C_{i,T}}{\left(1 + \frac{YTM}{n}\right)^{T-a_{i,t}}} \right) + \left( YWD_{i,s} - a_{i,t} \right) \cdot FY_i}{\left(1 + \frac{YTM}{n}\right)^{YWD_{i,s}-a_{i,s}}}
\]

\[
D_{i,s} = \frac{\left( \sum_{T=1}^{YWD_{i,s}} \frac{C_{i,T}}{\left(1 + \frac{YTF}{n}\right)^{T-a_{i,t}}} \right) + \left( YWD_{i,s} - a_{i,t} \right) \cdot FY_i}{\left(1 + \frac{YTF}{n}\right)^{YWD_{i,s}-a_{i,s}}}
\]

### Legend:

- **YWD_{i,s}:** Residual term of bond \( i \) on day to YTW date, expressed in number of coupon payments rounded up to the next integer
2.1.6 Duration index

\[ D_{PF,s} = \sum_{i=1}^{N} D_{i,s} \cdot G_{i,s} \]

Legend:
\[ D_{PF,s}: \] Duration to worst of index basket at time \( s \)
\[ G_{i,s}: \] is \( X_{i,t} \cdot (P_{i,s} + \alpha_{i,t} \cdot C_{i}) \)
\[ \sum \] is \( X_{i,t} \cdot (P_{i,s} + \alpha_{i,t} \cdot C_{i}) \)

2.2 Divisor

The divisor is a technical number used to calculate the index. In the event that market capitalisation changes due to the size of a given bond issue or the related coupon payments (see Section 2 respectively 5), the divisor changes while the index value remains the same.

The new divisor is calculated on the evening of the day before the corporate event takes effect.

2.3 Calculation interval and publication

The price and total return indices are published in real-time on each trading day from 9:30 CET through the close of trading. The "yield" and "duration" key figures are published three times per day.

The SBI Domestic Swiss Government is subject to special rules. Its price and total-return indices are published in real time from as early as 8:30 CET.

2.4 Prices used

Binding bid and ask prices will be used to reflect the best possible price information.

The binding bid price is used for index calculations. If no bid price is available on the day of calculation, the last historic bid price is used. In the case of new issues of bonds the binding asked price is used for inclusion in the index calculation. If no ask price is available the clean price is used (price of the bond without interest).

The SBI Special Products are calculated based on Mid-prices. In order to avoid too large spreads the index calculation is using a filter of 600 basis points.
3 SBI Composite Rating

3.1 Sources of ratings

The key criterion in the selection of a bond is its rating. Because the safety and creditworthiness of an issuer are of major significance, this concern was taken into account in the development of the SBI. Ratings of the international rating agencies Moody’s, Fitch and Standard & Poor’s (S&P) are used as a means of assessing creditworthiness. The issue and issuer ratings of these agencies will be used. Other rating types, for example sector specific Financial Strengths or Bank Deposit ratings will not be used.

Because the coverage of these agencies is incomplete with regard to the domestic segment, the ratings accorded by the rating agency Fedafin and Swiss banks are drawn upon as additional sources. The Swiss banks are Credit Suisse, UBS, Bank Vontobel and Zürcher Kantonalbank, which place their ratings of domestic bonds and issuers at the disposal of SIX Swiss Exchange.

3.2 Third-party guarantees / joint security

In the event that a given bond has no rating of its own, then the official rating of the issuer or the guarantor or of the joint security (“Solidarbürigen”) shall apply.

If there is a guarantor and an issuer rating, the rating of the guarantor shall be used.

In the case of secured and/or subordinated bonds, only the bond rating is taken into account when determining the composite rating, irrespective of the segment.

With respect to bonds from the Government related segment, ratings of the issuers and guarantors are used, in addition to the bond rating, if the bond has a rating.

If there is a bond rating and an issuer rating, the lower of the two ratings is used in the case of non-guaranteed government-related bonds.

In the case of guaranteed government-related bonds, the lower of the guarantor rating and the bond rating is used.

The allocation of a state-guaranteed bond to the appropriate sector is made according to the borrower’s field of activity, regardless of the guarantee.

3.3 SBI Domestic

Included in the SBI Domestic are bonds that are rated from Aaa/AAA to Baa3/BBB- by an international rating agency. If a bond is rated by more than one international rating agency, the lowest rating is used for the purposes of the SBI Domestic and its sub-indices.

If no rating is available from an international rating agency, primarily the bond rating provided by the rating agency Fedafin and the Swiss banks will be used. If a bond does not have a rating of these institutions the rating of the issuers will be applied. In order to be included in the SBI Domestic, the bond must have a rating of at least two of the institutions, whereby the lowest of those ratings will be used for the purposes of the SBI and its sub-indices.

Hence the ratings of the rating agency Fedafin and the Swiss banks will be used subsidiarily only if no rating is available from the three international agencies.
3.4 SBI Foreign

Included in the SBI Foreign are bonds that are rated from Aaa/AAA to Baa3/BBB- by an international rating agency. If a bond is rated by more than one international rating agency, the lowest rating is used for the purposes of the SBI Foreign and its sub-indices.

3.5 Determination of the SBI composite rating

On the basis of the applicable ratings as per Sections 3.3 and 3.4, SIX Swiss Exchange determines a so-called SBI composite rating for each bond. Only that rating is relevant for acceptance in the SBI or for allocation to the sub-indices. In the scale of the SBI composite rating, only AAA, AA, A or BBB are applicable. Further information, namely the ratings supplied by the agencies and Swiss banks, is not published.

<table>
<thead>
<tr>
<th>Spectrum of ratings</th>
<th>Corresponding SBI composite-rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>low</td>
</tr>
<tr>
<td>Aaa/AAA</td>
<td>Aaa/AAA</td>
</tr>
<tr>
<td>Aa1/AA+</td>
<td>Aa3/AA-</td>
</tr>
<tr>
<td>A1/A+</td>
<td>A3/A-</td>
</tr>
<tr>
<td>Baa1/BBB+</td>
<td>Baa3/BBB-</td>
</tr>
</tbody>
</table>

Examples of SBI composite ratings:

<table>
<thead>
<tr>
<th>Bonds</th>
<th>Sources of rating</th>
<th>SBI Comp. Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moody’s</td>
<td>S&amp;P</td>
</tr>
<tr>
<td>Bond W</td>
<td>Aa3*</td>
<td>AA+</td>
</tr>
<tr>
<td>Bond X</td>
<td>Aaa</td>
<td>AA*</td>
</tr>
<tr>
<td>Bond Y</td>
<td>AA</td>
<td>A+</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Bond Z</td>
<td>A3*</td>
<td>BBB+</td>
</tr>
</tbody>
</table>

* These ratings are taken into account

Examples of Government-related segment composite ratings:

<table>
<thead>
<tr>
<th>Guarantor rating (lowest)</th>
<th>Bond rating (lowest)</th>
<th>Issuer rating (lowest)</th>
<th>SBI composite rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAA</td>
<td>AAA</td>
<td>AA</td>
<td>AAA</td>
</tr>
<tr>
<td>BBB</td>
<td>BBB</td>
<td>A</td>
<td>BBB</td>
</tr>
<tr>
<td>-</td>
<td>AA</td>
<td>A</td>
<td>A</td>
</tr>
</tbody>
</table>
4 Admission to and Exclusion from the Index

4.1 Admission criteria

Bonds must meet the following criteria in order to be admitted to the SBI:

– **Issue size:**
  Bonds must have an issue size of at least CHF 100 million. The entire amount issued is always the determining factor for inclusion in the SBI. Bonds whose issue size rises above the 100 million mark as the result of an increase in the existing issue are incorporated into the index after the increase is made. For the SBI Special Products (Foreign, Corporate, Domestic Swiss Pfandbrief und Domestic Non-Government) a minimum issue size of CHF 400 Mio. has been defined.

– **Bond categories:**
  Only straight bonds (fixed-rate securities) without additional clauses qualify for inclusion in the SBI. Exceptions to this rule are straight bonds subject to premature redemption, subordinated bonds and step-up bonds.

– **Terms to maturity:**
  Each bond issue must have a remaining term to maturity of at least one year.

– **Rating:**
  Each bond must have a SBI composite rating of at least BBB (see Section 3.5).

New bonds (new issues and augmentations) are admitted to the SBI on the first trading day of the month following their payment, i.e. on the next ordinary adjustment date (see Section 5.1).

4.2 Exclusion criteria

The following exclusion criteria apply to bonds included in the SBI:

– **Exclusion due to expiration:**
  Bonds are eliminated from the index on the adjustment date on which their residual term to maturity is shorter than one year.

– **Exclusion due to early redemption:**
  Bonds that are redeemable (callable) prior to maturity are eliminated from the index on the adjustment date, on which the residual term to their first call date is less than one year. They are not re-included even if the issuer does not exercise its right for early redemption.

– **Exclusion due to changed SBI composite rating:**
  A bond issue will be eliminated from the index if:
  
  – The SBI composite rating of relevance for selection (see Section 3.5) drops below BBB;
  
  – SIX Swiss Exchange is no longer capable of determining a SBI composite rating for the given borrower.

– **Exclusion due to volume:**
  If the outstanding amount of a given bond issue drops below CHF 100 million as the result of early repayment or a repurchase, the bond will be excluded from the index. From the SBI Special Products (Foreign, Corporate, Domestic Swiss Pfandbrief und Domestic Non-Government) a bond is excluded if minimum issue size is below CHF 400 Mio.

Exclusions are effective as of the next ordinary adjustment date pursuant to Section 5.1.
5 Index Adjustments

5.1 Ordinary adjustment dates
All Changes in the SBI are made effective on the first trading day of the upcoming month (adjustment date). For these changes the data is relevant which has been published up until the 20th day of the current month. Publications after the 20th day of the month are postponed to the month after next.

5.2 Adjustments to residual term indices
The residual terms of bonds are reviewed the day before each ordinary adjustment date. If the residual term of a given bond exceeds the range of the existing residual term index, it is reallocated to the next lower residual term index.

5.3 Adjustments to SBI composite ratings
Usually, the rating agencies review the attributes of the debtors on a regular basis and adjust the bond ratings accordingly. Such revaluations may impact the SBI composite rating pursuant to Section 3.5 and hence bond allocation in the SBI.

Issues for which a rating change (downgrade or upgrade) has been made are reallocated in the rating sub-indices if there is a change to the SBI composite rating determined by SIX Swiss Exchange.

5.4 Extraordinary adjustments
In extraordinary cases (such as a declaration of bankruptcy), reallocations, new inclusions or eliminations of bonds in the SBI may also be made between the established adjustment dates.

Extra ordinarily adjustments to the SBI Family indices are published by e-mail via “Investor Service Bond”.

The registration form is available on the SIX Swiss Exchange-Website. SIX Swiss Exchange accepts no liability for Investor Service Bond.

5.5 Trade suspensions and market distortions
Should a data source (for example a price source) not be available as result of challenging economic conditions or other market distortions the last available data will normally be used.

In extreme cases a deviation from the rules defined in this rulebook can occur, for example, shifting the schedule of a regular index review.

All changes will be publicly announced at least two trading days in advance.
5.6 **Index corrections**

Index corrections distinguish between calculation errors and incorrect input data.

Calculation errors detected within a trading day are corrected immediately. Intraday tick data are not corrected retrospectively.

Calculation errors that are older or based on erroneous input data are corrected if technically possible and economically viable. If significant differences exist, index values can also be corrected retrospectively.

Interested parties may subscribe to an e-mail notifications service on the website. SIX Swiss Exchange distributes notifications over this channel on

- Changes in corporate actions and dividends
- Updates to the periodic index reviews
- Problems and error in the index calculation
- The launch of new indices
- General information on SMI indices
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7 Contact
Information concerning the indices of SIX Swiss Exchange (index adjustments, announcements etc.) is available at the following Internet address:

Any requests with respect to the indices may be directed to the following address:

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P.O. Box
CH-8021 Zurich
Email: indexsupport@six-group.com
Phone: +41(0)58 399 22 29

8 Static Data
A current list of all indices calculated by SIX Swiss Exchange is accessible at the SIX Swiss Exchange Website:
https://www.six-swiss-exchange.com/.../calculated_indices.xls
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