Valuation

Market Essentials Switzerland
as of 30 September 2017
We offer a great variety of services and customized solutions for different occasions:

- **Transaction valuations**
- **Start-up valuations**
- **Tax valuations**
- **Fairness opinions/regulatory valuations**
- **Expert valuations/second opinions**
- **Disputes and arbitration**
- **Financial reporting valuations**
- **Standard Excel models for day-to-day use**
- **Integrated planning, forecasting and consolidation**
- **Liquidity and cash flow planning**
- **CARVEx (tool for carve out financials)**
- **ProjeX (tool for group tax planning)**
- **Financing and LBO modeling**
- **Financial model review and trainings**
- **Liquidity and cash flow planning**
- **Financial model review and trainings**

* Purchase price allocations, goodwill impairment tests, employee stock (option) valuations
Trading multiples

Revenue multiples

Median development

EBITDA multiples

Median development

EBIT multiples

Median development

Sectors: Margin development

LTM EBITDA margin

Median development

LTM EBIT margin

Median development
### Risk-free rate

Implied yield on 10-year government bonds, monthly development over five years

- **CHF risk free 10 years**
- **EUR risk free 10 years**
- **USD risk free 10 years**

#### Unlevered beta

Median development

- **Retail and consumer products**
- **Media, techn. and telecom.**
- **Industrial goods and services**
- **Healthcare**
- **Energy and utilities**
- **Chemicals, constr. and mat.**

#### Debt/total capital

Median development

- **Retail and consumer products**
- **Media, techn. and telecom.**
- **Industrial goods and services**
- **Healthcare**
- **Energy and utilities**
- **Chemicals, constr. and mat.**

### Current market risk premium: 6.0%

Distribution as per 30.9.2017

- **Retail and consumer products**
- **Media, techn. and telecom.**
- **Industrial goods and services**
- **Healthcare**
- **Energy and utilities**
- **Chemicals, constr. and mat.**

Distribution as per 30.9.2017

- **Retail and consumer products**
- **Media, techn. and telecom.**
- **Industrial goods and services**
- **Healthcare**
- **Energy and utilities**
- **Chemicals, constr. and mat.**
Macro-economic data

CPI Inflation*

<table>
<thead>
<tr>
<th>Country</th>
<th>CPI Inflation 2017-2026 (geom.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switzerland</td>
<td>1.0%</td>
</tr>
<tr>
<td>Germany</td>
<td>2.1%</td>
</tr>
<tr>
<td>United States</td>
<td>1.9%</td>
</tr>
<tr>
<td>World</td>
<td>5.7%</td>
</tr>
<tr>
<td>Emerging Markets</td>
<td>4.1%</td>
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</table>

Nominal GDP growth*

<table>
<thead>
<tr>
<th>Country</th>
<th>Nominal GDP growth 2017-2026 (geom.)</th>
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</thead>
<tbody>
<tr>
<td>Switzerland</td>
<td>2.6%</td>
</tr>
<tr>
<td>Germany</td>
<td>3.1%</td>
</tr>
<tr>
<td>United States</td>
<td>3.6%</td>
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<tr>
<td>World</td>
<td>9.4%</td>
</tr>
<tr>
<td>Emerging Markets</td>
<td>7.8%</td>
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</tbody>
</table>

* excluding Venezuela

Banking and insurance sector

LTM P/E

Median development

<table>
<thead>
<tr>
<th>Year</th>
<th>Global and private banks</th>
<th>Retail and cantonal banks</th>
<th>Insurance companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>30.9.2016</td>
<td>12.0x</td>
<td>12.4x</td>
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<tr>
<td>31.12.2016</td>
<td>12.0x</td>
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<td>31.3.2017</td>
<td>12.0x</td>
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<td>0.7x</td>
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<tr>
<td>30.9.2017</td>
<td>12.0x</td>
<td>12.4x</td>
<td>0.7x</td>
</tr>
<tr>
<td>31.6.2017</td>
<td>12.0x</td>
<td>12.4x</td>
<td>0.7x</td>
</tr>
<tr>
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<td>12.4x</td>
<td>0.7x</td>
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</table>

P/TA

Median development

<table>
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<tr>
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About this brochure  
EY’s Valuation Market Essentials Switzerland brochure summarizes relevant market data that is regularly used in valuations. It is aimed at finance professionals that regularly deal with valuations and corporate finance related topics. The analysis is based on the constituents of the Swiss All Share Index (excluding general financial and real estate companies) and data from S&P Capital IQ/Oxford Economics.

For this edition, all data was downloaded as per date of this brochure (see cover page). Therefore, values may deviate when compared with values of previous brochure editions.

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