

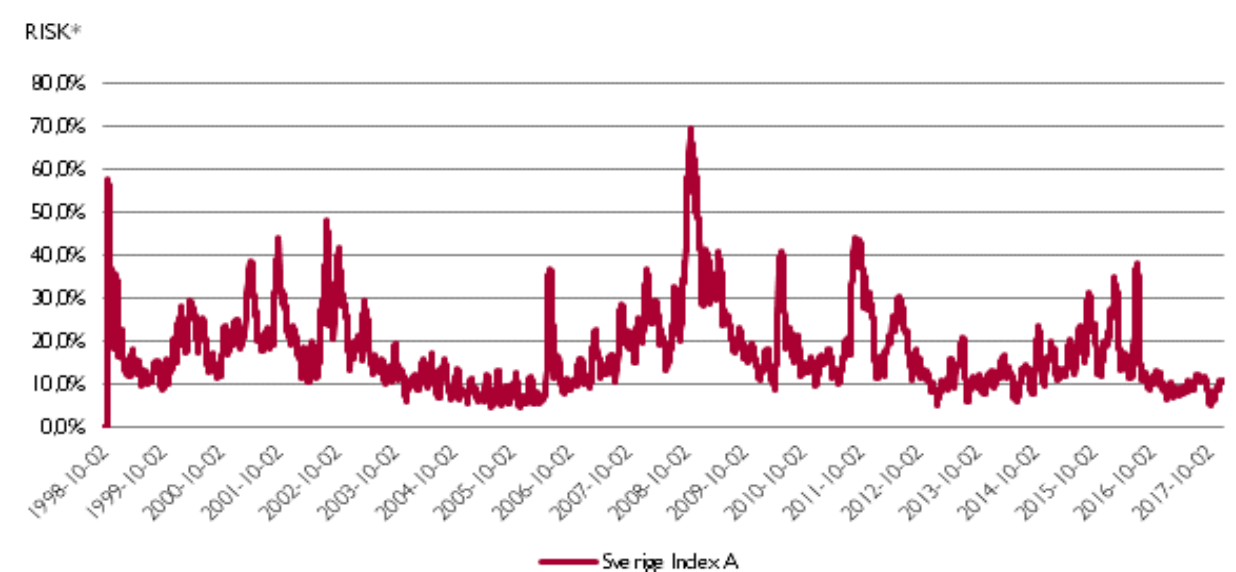


## STRATEGY

Catella Sverige Index A is an index fund that invests in companies traded on the OMX Nasdaq Stockholm Exchange. The fund invests in the companies included in the Exchange's broad capital-weighted index, the SIX-RX, which reflects the performance of the OMX Nasdaq Stockholm Exchange and is calculated including dividends. The fund also has a mandate to invest in derivative instruments for the purpose of risk management and to increase its management efficiency.

## Performance & Key Ratios

Performance after fees	Sverige Index A	SIXRX	
This month	-1,27%	-1,26%	
Year to Date	8,95%	9,47%	
Last 12 months, LTM	8,95%	9,47%	
Last 24 months	18,99%	20,03%	
Since inception	1998-10-01	504,36%	546,66%
Average annual return since inception	9,80%	10,18%	
NAV	392,76		
<b>Risk</b>			
Standard deviation, 21 days annualized	10,32%	10,43%	
Standard deviation, 2 years weekly data annualized	12,96%	12,96%	
Sharpe ratio since inception	0,39		
Positive months since inception	60%		
Correlation , 2 years weekly data annualized	1,00		
Tracking Error , 2 years weekly data annualized	0,08%		
Information Ratio , 2 years weekly data annualized	-5,79		
Alfa , 2 years weekly data annualized	-0,52%		
Beta , 2 years weekly data annualized	1,00		
<b>Value-At-Risk</b>			
Highest level during last month	0,96%		
Lowest level during last month	0,78%		
Average level during last month	0,90%		



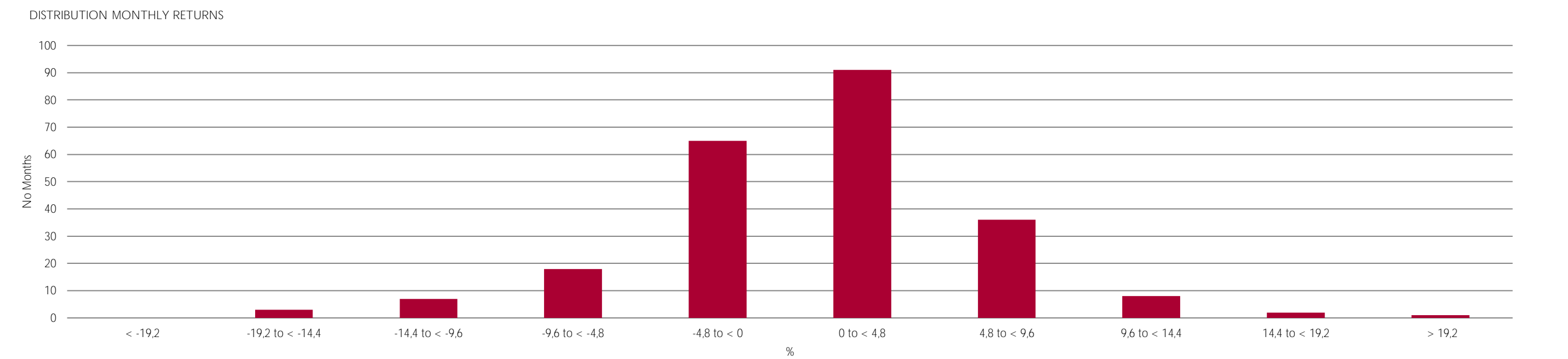
### Risk Indicator



\* Standard deviation, 21 days annualized

Performance figures not adjusted for inflation

## Monthly Performance (after fees)



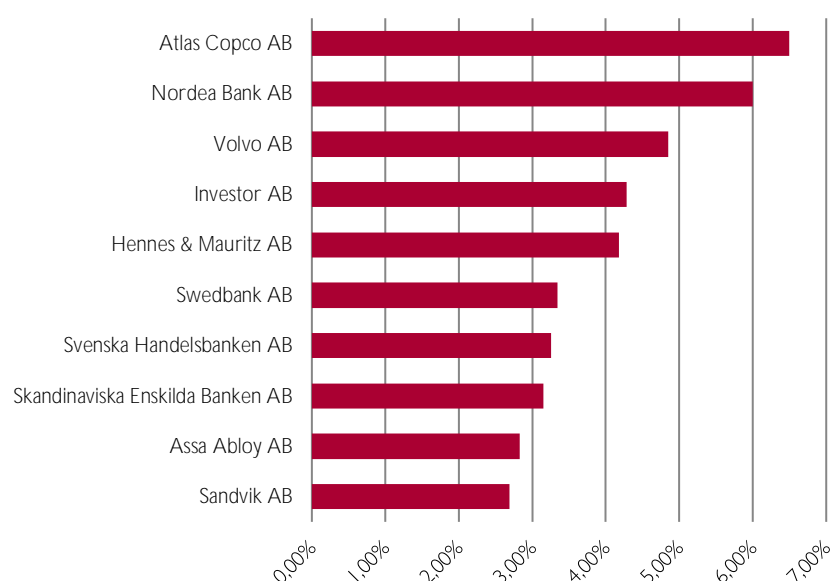
Year	Annual Return	AuM MSEK	jan	feb	mar	apr	maj	jun	jul	aug	sep	okt	nov	dec
2017	8,95%	1386	1,20%	2,89%	2,09%	4,35%	1,68%	-2,00%	-3,06%	-0,90%	5,55%	2,07%	-3,54%	-1,27%
2016	9,21%	1257	-7,20%	2,00%	1,91%	0,90%	2,46%	-3,62%	5,50%	2,48%	1,74%	-0,98%	1,39%	2,88%
2015	9,77%	1130	7,01%	8,01%	-0,01%	0,17%	1,19%	-6,38%	4,95%	-5,96%	-4,48%	6,86%	3,59%	-4,09%
2014	15,11%	1034	-1,74%	6,02%	0,60%	1,84%	3,72%	-1,40%	-0,81%	0,60%	-0,21%	1,49%	3,31%	1,01%
2013	27,19%	887	5,43%	3,54%	0,84%	1,99%	2,06%	-5,05%	7,12%	-1,09%	4,02%	1,68%	2,23%	2,04%
2012	15,89%	708	5,77%	6,24%	-1,50%	0,27%	-6,62%	3,00%	4,14%	-2,27%	2,98%	-1,44%	3,04%	2,00%
2011	-13,97%	624	-1,22%	-1,65%	2,21%	3,98%	-0,59%	-3,53%	-5,15%	-10,12%	-5,91%	8,79%	-1,47%	1,05%
2010	25,97%	744	0,97%	-1,03%	8,87%	4,27%	-7,03%	1,53%	4,54%	-3,22%	8,39%	-0,07%	1,54%	5,71%
2009	51,47%	645	-5,33%	1,84%	0,70%	24,69%	1,38%	0,98%	9,76%	3,60%	0,47%	5,10%	0,96%	0,84%
2008	-39,25%	443	-12,93%	3,35%	-1,30%	5,15%	3,16%	-14,84%	-0,34%	1,52%	-11,82%	-18,45%	-2,55%	4,44%
2007	-3,42%	703	3,48%	-2,38%	5,52%	6,44%	1,99%	-2,43%	-1,74%	-2,95%	-0,52%	-1,99%	-5,74%	-2,39%
2006	26,78%	788	1,07%	4,57%	6,22%	0,92%	-8,13%	0,63%	-1,23%	4,43%	5,02%	4,20%	-0,65%	7,94%
2005	34,32%	597	0,52%	4,39%	0,17%	-1,28%	5,95%	3,30%	5,07%	-1,63%	6,08%	-2,15%	4,41%	5,58%
			5,48%	2,99%	-0,41%	2,05%	-2,06%	3,51%	-1,60%	0,06%	2,57%	0,67%	5,52%	0,39%

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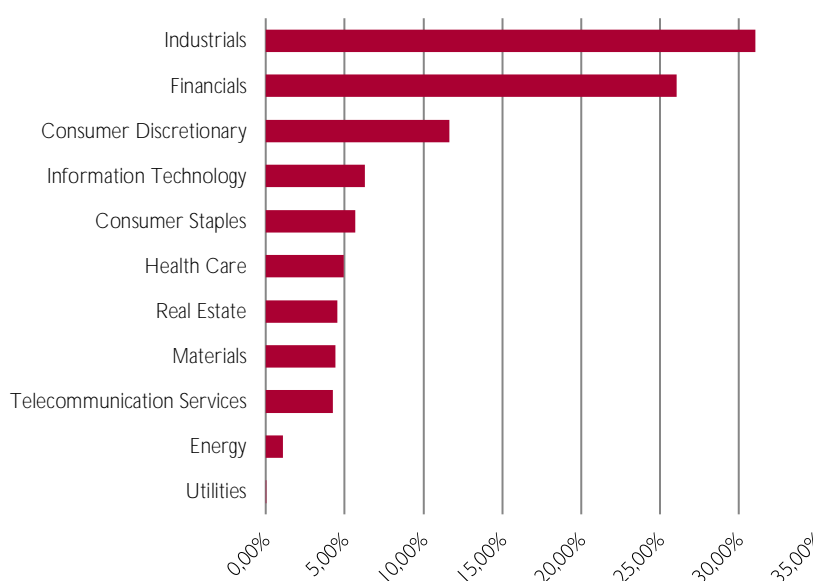


## Our outlook

LARGEST HOLDINGS

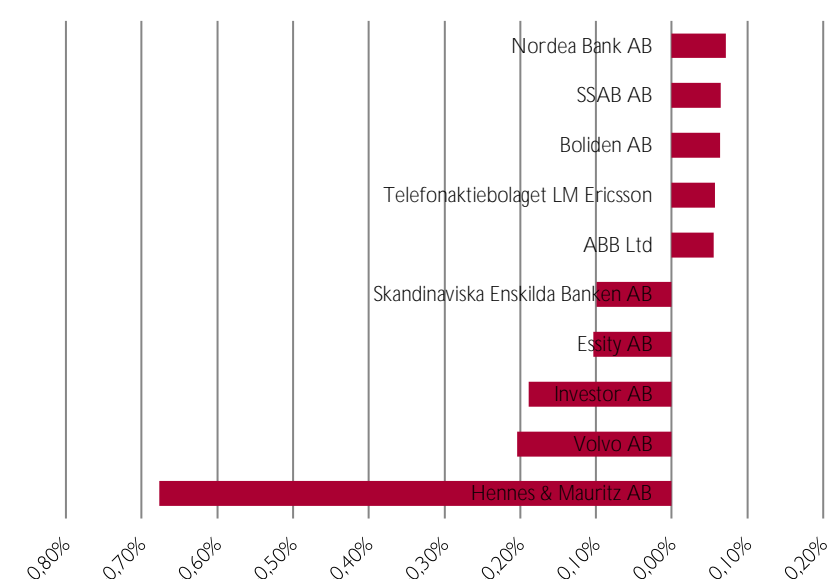


LARGEST SECTOR HOLDINGS



## Comments on last month

ABSOLUTE PERFORMANCE DRIVERS \*



\* Gross of fees

## Why invest in Catella Sverige Index A

Morningstar:\*\*\*

- Swedens broades index fund (SIXRX)
- No porfolio manager risk
- Low fees

Strategy	Swedish Index fund
Fund Objective	SIX-RX
Inception Date	1998-10-01
Tax class	Market listed securities fund
Dividend	Starting with. 2013 no dividend is paid
Managers	Henrik Holmer
Fees	Fixed Fee 0,6%

Custodian	Skandinaviska Enskilda Banken AB (publ)
Auditors	Patrik Adolfsen, PricewaterhouseCoopers AB
Liquidity	Daily
Contact	Catella Fondförvaltning, Box 7328, 103 90 Stockholm Telephone +46 8 614 25 00; Fax +46 8 611 01 30
Price Info	catellafonder.se
ISIN	SE0000577272

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## Glossary

**ABSOLUTE PERFORMANCE DRIVERS** See RETURN CONTRIBUTION

**ALPHA** Surplus return independent of risk premium. If a fund yields a return of 1.2% one day and the index rises 1% that day, the surplus return is 0.2%. If this fund has a 1.2 beta value, the alpha would thus become 0%, since the surplus return depended only on the beta.

**RETURN CONTRIBUTION** What has contributed to the return? Which holding generated the highest or lowest contribution? This can be determined by holding, or grouped by industry sector, instrument type or other category. For example, if the fund rose 6% during the month, it is possible to determine whether a specific holding contributed to the rise or, if it is a mixed fund, it could be interesting to determine whether most of the rise derived from equity holdings or fixed-income holdings.

**BETA** The fund's covariance with the index. A beta of 1.0 means that the fund and the index track each other. If the beta is 1.5, it means that the fund "usually" rises 1.5% if the index rises 1.0% and that the reverse happens if the index falls, meaning that if the index declines 1%, the fund should fall 1.5%.

**BETS** Bet in English means to wager on something. If the fund has a 5% holding in X and the index has a 6% holding in X, the expression is that the fund has a bet in X against the index of -1%, that is, the belief is that the holding will not develop favourably.

**SHORT SELLING** Selling of securities that the seller does not own. Such a position is called short, in contrast to a normal position when an investor buys equities, known as a long position. In a short equity position, the fund earns money if the price of the equity declines.

**GROSS EXPOSURE** The fund's gross exposure to the stock market. Calculated as the market value of the fund's long and short positions plus exposure through equity-related derivatives. For example, if the fund comprises 60% bonds, 50% long positions and 10% short positions, this would yield a gross exposure of 60% (50%+10%).

**INFORMATION RATIO** The information ratio represents the risk-adjusted surplus return in relation to an index. This ratio can be highly useful in comparing two funds. The information ratio is calculated as the surplus return divided by the tracking error, which results in a high information ratio for a fund with high surplus return and low risk. Surplus return is the return on the fund less the return on the index.

**DURATION** Duration is the most common measurement of interest-rate risk and illustrates what happens when the market interest rate changes. The higher the duration, the more sensitive the fund is to changes in interest rates. A fund with high duration declines more than a fund with low duration if the interest rate increases. Duration is normally expressed in years. The duration applied in Catella's external reporting is the effective duration, which takes into account the fixed-interest period and the optionality of, for example, FRNs and callable bonds.

**CONTINUITY** Number of days with positive return. A value of 60% means that the fund had a positive return on 60% of all days since start.

**SHORT POSITION** Shorted securities (refer to short selling)

**CORRELATION** Provides an indication how well the fund's return tracks its index, or the degree of linear correlation between two time series. The value is between -1 and 1, in which 1 indicates that the fund's return is equal to the index, -1 that the fund's return is always the opposite to the index's return and 0 that there is no correlation between the fund's return and the index's return. A fund with a correlation of 1 against the SIXRX means that the fund's return is always positive when the SIXRX has been positive and negative when the SIXRX has been negative. However, the fund's return need not be as great as the return on SIXRX for the correlation to be 1.

**CREDIT RISK** A bond's value depends essentially on the interest rate and on the risk that the issued bond will not be able to pay the bond's coupon or its maturity amount. The risk that the bond issuer is not able to pay is characterised as the credit risk. A fund with high credit risk contains fixed-income securities from high-risk companies that, however, also pay higher coupons. A security issued by a government has a much lower credit risk than securities issued by a small company since the risk that a government will be unable to pay is much lower than the risk for a small company. To be able to illustrate simply how large a portion of the total risk is due to the interest-rate risk and how much to the credit risk, credit risk is shown in Catella's monthly newsletter in the same terms as total risk; that is, expressed as a standard deviation.

**LONG POSITION** Holding of securities (refer to short selling)

**NAV PRICE** Shows the fund's price. NAV (Net Asset Value) is calculated by dividing the fund's total value by the number of fund units.

**NET EXPOSURE** The fund's net exposure to the stock market. Calculated as the market value of the fund's long positions minus short positions as well as exposure through equity-related derivatives. If the fund comprises 60% bonds, 50% long positions and 10% short positions, the net exposure would be 40% (50%-10%). If the stock market is expected to rise, a high net exposure is desirable. If the stock market is expected to decline, a low or negative net exposure is desirable.

**INTEREST-RATE RISK** Interest-rate risk can be defined in many ways, but all measurements attempt to reveal how sensitive the fund is to changes in interest rates. To be able to illustrate simply how large a portion of the total risk derives from the interest-rate risk and how much from the credit risk, credit risk is shown in Catella's monthly newsletter in the same terms as total risk; that is, expressed as a standard deviation.

**RELATIVE PERFORMANCE DRIVERS** See RETURN CONTRIBUTION relative its benchmark

**SHARPE RATIO** A ratio developed to measure risk-adjusted return. This ratio is well suited for comparing two funds. The Sharpe ratio is calculated as the return in excess of the risk-free rate divided by the risk, which yields a high Sharpe ratio for a fund with a high return and low risk.

**STOXX50** A European index of 50 companies. Provided by Dow Jones.

**TBILL** A Swedish index of fixed-income government securities with long maturity. Provided by SIX Telekurs.

**TBOND** A Swedish index of fixed-income government securities with long maturity. Provided by SIX Telekurs.

**TOTAL** A Swedish index comprising fixed-income government securities with both long and short maturities. Provided by SIX Telekurs.

**TOTAL RISK** The traditional way of measuring the magnitude of price fluctuations in a fund or the risk of losing money is to measure how much the fund's return varies. For a fund with a high total risk (for example, a mutual fund), the return has varied more than for a fund with low total risk (for example, a fixed-income fund with short-term interest-bearing assets). However, risk and return go together and a higher risk can provide a higher return. The value of total risk indicates within what interval the annual return should end up (with 68% probability); meaning that a fund with an average return of 5% and a total risk of 2% indicates that the fund's annual return should end up between 3% and 7% ( $5\% \pm 2\%$ ).

**TRACKING ERROR** This measurement shows how "closely" the fund is tracking the index. A high tracking error indicates that the fund deviates greatly from its index. In contrast to correlation, the tracking error depends not only on the direction of return but also its size. This means that a fund with a small portion of equities and the remainder in bonds can nevertheless have a correlation of 1 to the stock market, but it would have a high tracking error against the stock market. Tracking area is calculated as the standard deviation on an annual basis of the difference in return between the fund and its index. Tracking area is also called active risk or relative risk.

**VALUE-AT-RISK (VAR)** This value shows the portion of the fund that could be lost in a day (with 95% probability). In Catella's external reporting, this is calculated with the Monte Carlo method applying a one-day horizon and a 95% confidence interval. In the underlying covariance matrix, proximity prices have a higher weight than older prices, whereby an exponential window with a half-life period of 11 days is applied.

**VINX** A broad Nordic index containing more than 150 Nordic equities. The holding is weighted in accordance with the size of the holding with a "cap" of 9%; meaning that a holding's weight must not exceed 9%. This is to comply with the rules that apply for funds, which state that a holding may not exceed 10% of the fund's total market value. Dividends are re-invested. Provided by Nasdaq OMX.