

Bolsas y Mercados Españoles (BME) calculates, publishes and disseminates in real-time the IBEX Index. BME. The company that integrates the principal securities markets and financial systems in Spain is Europe's fifth biggest exchange operator by equity turnover according to data from FESE. The equity turnover for December was 28,259.8 billion euros and the number of trades amounted to 2.25 million.

The Target Volatility indices series bases its strategy in a combination of investments in Equity and risk free fixed income. These indices strategy is to limit the investment risk. To achieve this goal they set a volatility target and distribute the investment between Equity and risk free fixed-income according to market conditions.

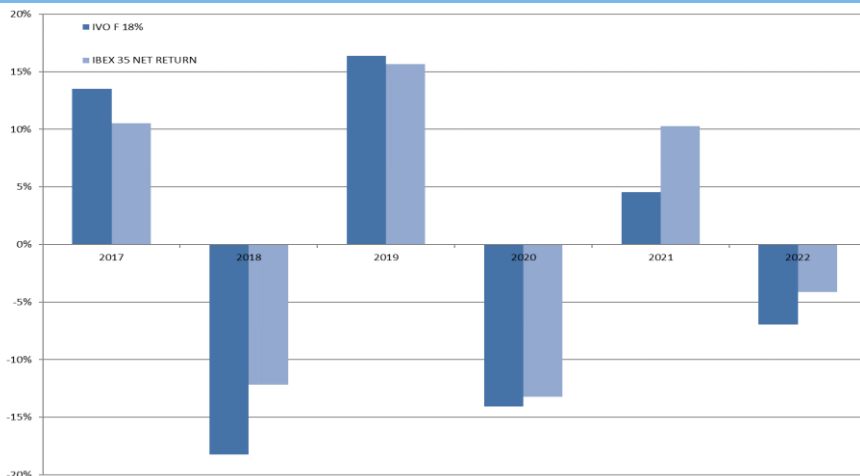
There are two series of Target Volatility indices. The Standard series, which owns an initial capital and divides it to invest a proportion in Equity and the rest of it in risk free fixed-income. The Financed series, which only invests in Equity, borrows the amount necessary to fulfill this investment. For each of these two series there are four levels of target volatility, therefore there are two strategic indexes:

Series\Target Volatility	10%	12%	15%	18%
Standard	IVO ST (10)	IVO ST (12)	IVO ST (15)	IVO ST (18)
Financed	IVO F (10)	IVO F (12)	IVO F (15)	IVO F (18)

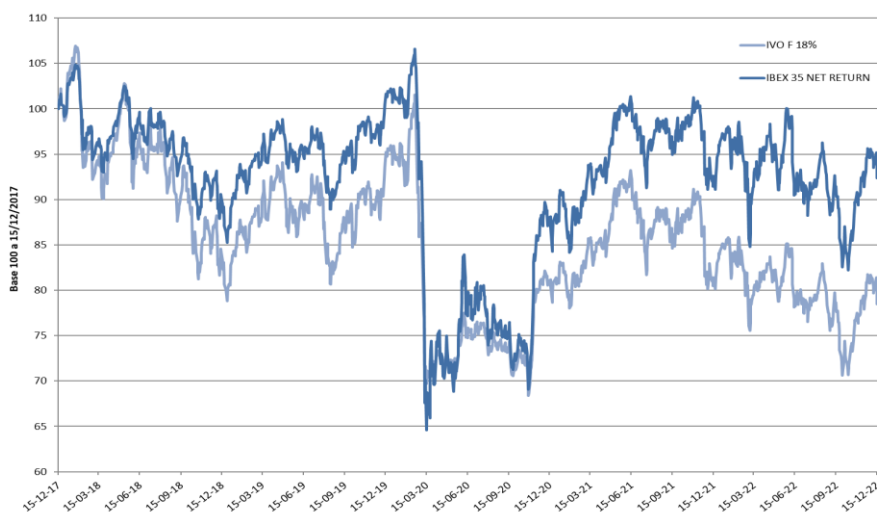
## Characteristics

- The IBEX 35 Target Volatility are strategic indices based on IBEX 35
- The indices are Euro-denominated and are calculated at the close of the market.
- The volatility calculation is done by an EWMA model based on historical data.
- The four levels of target volatility are 10%, 12%, 15% and 18%.
- The investment in Equity is made specifically through an investment in the IBEX 35 Net Return (www.sbolsas.com) with a maximum leverage level.
- The investment in fixed-income obtains a return according to €STR (Euro short-term rate).
- The Financed series borrows the capital at the cost of €STR.
- IBEX 35 is the domestic and international benchmark for the Spanish Stock Market
- IBEX 35 is made up by the 35 most liquid securities traded on the Spanish Stock Market. Selection criteria of constituents has no sector diversification bias.
- IBEX 35 constituents are weighted by market capitalization adjusted by free float.

## Annual returns of the Financed series (18%) and the underlying



## Performance of the Financed series (18%) and the underlying



>December 2022<

Returns breakdown	6 MONTHS	12 MONTHS	3 YEARS	5 YEARS
IBEX 35 NR	1.97%	-0.25%	-9.15%	-7.63%
IVO ST 10%	0.58%	-1.37%	-9.22%	-12.09%
IVO ST 12%	0.51%	-1.67%	-11.04%	-14.36%
IVO ST 15%	0.45%	-2.79%	-14.00%	-18.88%
IVO ST 18%	0.58%	-3.33%	-17.44%	-20.96%
IFO F 10%	0.08%	-2.06%	-9.77%	-12.70%
IFO F 12%	0.64%	-2.25%	-10.45%	-14.11%
IFO F 15%	-0.16%	-3.09%	-14.87%	-19.60%
IFO F 18%	0.33%	-3.56%	-17.59%	-21.52%

Annual volatility	2022	2021	2020	2019	10 year average
IBEX 35 NR	19.62%	16.20%	33.74%	12.39%	19.28%
IVO ST 10%	9.76%	9.78%	11.48%	9.60%	10.11%
IVO ST 12%	11.69%	11.70%	13.76%	11.51%	12.12%
IVO ST 15%	14.65%	14.66%	17.23%	14.39%	15.16%
IVO ST 18%	17.56%	17.57%	20.59%	17.00%	18.12%
IFO F 10%	9.75%	9.75%	11.50%	9.62%	10.12%
IFO F 12%	11.71%	11.74%	13.79%	11.54%	12.13%
IFO F 15%	14.60%	14.64%	17.23%	14.40%	15.16%
IFO F 18%	17.56%	17.58%	20.59%	17.01%	18.13%

Investment proportions analysis in 2022	10% LIMIT	12% LIMIT	15% LIMIT	18% LIMIT
Average investment in Equity	50.89	61.07	76.33	91.60
Minimum investment level in Equity	67.17	80.60	100.75	120.90
Maximum investment level in Equity	34.45	41.34	51.68	62.01

Codes	ISIN	Reuters	Bloomberg
IBEX 35	ES0S10000005	<.IBEX>	IBEX Index <GO>
IBEX 35 Net Return	ES0S10000062	<.IBEXNR>	IBEXNR Index <GO>
IBEX 35 Target Volatility Standard 10%	ES0S00000083	<.IBEXVA>	IBXTV10S Index <GO>
IBEX 35 Target Volatility Standard 12%	ES0S00000091	<.IBEXVB>	IBXTV12S Index <GO>
IBEX 35 Target Volatility Standard 15%	ES0S00000109	<.IBEXVC>	IBXTV15S Index <GO>
IBEX 35 Target Volatility Standard 18%	ES0S00000117	<.IBEXVD>	IBXTV18S Index <GO>
IBEX 35 Target Volatility Financed 10%	ES0S00000125	<.IBEXVE>	IBXTV10F Index <GO>
IBEX 35 Target Volatility Financed 12%	ES0S00000133	<.IBEXVF>	IBXTV12F Index <GO>
IBEX 35 Target Volatility Financed 15%	ES0S00000141	<.IBEXVG>	IBXTV15F Index <GO>
IBEX 35 Target Volatility Financed 18%	ES0S00000158	<.IBEXVH>	IBXTV18F Index <GO>

## IBEX 35 TARGET VOLATILITY 18% FINANCED

**Index launch**  
24<sup>th</sup> September 2013

**Index Calculation**  
Real-time

**Weighting**  
Index based on IBEX 35 Net Return

**Currency**  
Euro

**Base date**  
April 29<sup>th</sup>, 1999

**Base level**  
100

**Review dates**  
Quarterly  
Ordinary in June and December  
Follow-ups in March and September

**Index Rules**  
Available at [www.s Bolsas.com](http://www.s Bolsas.com)

**Factsheet Data**  
Sociedad de Bolsas' data as at 16<sup>th</sup> December, 2022

## IBEX Index Series

