

S&P 500 Index - Historical Analysis



We have simulated the frequency of barrier breaches had the relevant barrier levels been available continuously between 5 January 1987 and 19 May 2016. This provides 5,485 potential 6-year products. 5 January 1987 is the first date on which data is available for the FTSE 100, S&P 500, EURO STOXX 50 and NIKKEI 225. This provides a more unbiased sample if cross-index comparisons are to be made. It should be recognised that the following results are specific to data representing a wide range of economic conditions. There are no indications to show that these particular conditions would reoccur again.

Historical analysis of European and American barriers for a 6 year **S&P 500** only investment.

Barrier	Barrier Level	% Breached	Average % loss	Largest % loss
European	50 %	0.00%	0.00%	0.00%
American	50 %	0.26%	- 1.17%	- 3.10%
European	60 %	0.00%	0.00%	0.00%
American	60 %	9.01%	-8.47%	-18.13%

Note: Percentages are rounded to two decimal places.

- Historically, both 50% and 60% European barriers on the S&P 500 index would have not have lost capital over a 6 year duration.
- The analysis demonstrates that a 50% American barrier was breached fewer times than a 60% American barrier.
- The maximum loss and average percentage of loss was higher for a 60% American barrier compared to a product with a 50% American barrier.

Simulated performance is not a reliable indicator of future performance and should not be used to assess the future returns or risks associated with this Plan.