## Market-Linked Products Underlier

# S&P 500° Futures Index Excess Return

Market-Linked Products, considered complex investments, may be linked to the performance of an underlying asset, such as the S&P 500® Futures Index Excess Return ("Index"). Dividends paid on the underlier are not passed through to the Market-Linked Product. If held to maturity, any potential coupon payments or gains will be paid out based on the performance of the Index, as detailed in the offering documents. Additionally, your statement value will reflect any upward or downward movements in the volatility of the Index.

## S&P 500° Futures Index ER – historical look at gains & losses

The chart below illustrates the **number of times** the index's return, measured from the beginning to the end of different time periods within the past 12 years, landed within various return ranges.

	Total Rolling Periods	Total Gains	Total Losses	0 to -5%	-6 to -10%	-11 to -15%	-16 to -20%	-21 to -25%	-26 to -30%	-31 to -35%	-36 to -40%	<-40%	0% to 10%	11 to 20%	21 to 30%	31 to 40%	> 40%
1-Yr	133	110	23	9	5	6	2	1	0	О	0	0	26	55	21	5	3
3-Yr	109	109	0	0	0	0	0	0	0	0	0	0	1	7	25	44	32
5-Yr	85	85	0	0	0	0	0	0	0	0	0	0	0	0	1	0	84
7-Yr	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
10-Yr	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25

The chart below illustrates the **percentage of times**<sup>1</sup> (based on total rolling periods) the index's return, measured from the beginning to the end of different time periods within the past 12 years, landed within various return ranges.

	Total Rolling Periods	Total Gains	Total Losses	0 to -5%	-6 to -10%	-11 to -15%	-16 to -20%	-21 to -25%	-26 to -30%	-31 to -35%	-36 to -40%	<-40%	0% to 10%	11 to 20%	21 to 30%	31 to 40%	> 40%
1-Yr	133	83%	17%	<b>7</b> %	4%	5%	2%	1%	0%	0%	0%	0%	20%	41%	16%	4%	2%
3-Yr	109	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	23%	41%	29%
5-Yr	85	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	99%
7-Yr	61	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
10-Yr	25	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%

Source: Bloomberg. The charts above represent various rolling periods in the past 12 years with monthly observations commencing on December 31, 2012 and ending December 31, 2024. The S&P 500® Futures Excess Return Index measures the performance of the nearest maturing quarterly E-mini S&P 500 futures contract (Symbol: ES) trading on the CME. Any gains and losses reflect the monthly price of each index only, and therefore, do not include dividends. Past performance is no guarantee of future results.

These charts are for illustrative purposes only. An investment cannot be made directly in an index.



<sup>1</sup> The above percentages have been expressed on a whole number basis for illustrative purposes.

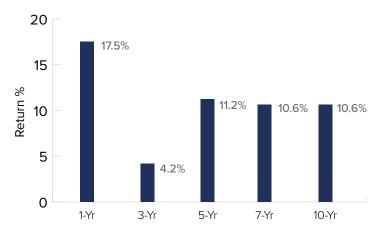
## S&P 500° Futures Index ER

#### Index information<sup>2</sup>

Launch date	August 11, 2010			
Ticker	SPXFP			
	Information Technology	32.5%		
	Financials	13.6%		
	Consumer Discretionary	11.3%		
	Health Care	10.1%		
	Communications Services	9.4%		
Sector	Industrials	8.2%		
weightings	Consumer Staples	5.5%		
	Energy	3.2%		
	Real Estate	2.5%		
	Materials	2.4%		
	Utilities	2.3%		

The Index is constructed from the front-quarter E-mini futures contract on the S&P 500. It is part of the S&P Factor Series, which measures the inherent risk premium between asset classes and financial markets.<sup>3</sup>

### Trailing returns as of December 31, 20244



The graph above illustrates the Index's price return during the trailing 1-, 3-, 5-, 7-, and 10-year given periods.

- 2 Source: Bloomberg as of December 31, 2024 determined as if there was one share per member.
- 3 Source: S&P Dow Jones Indices as of December 31, 2024.
- 4 Source: Bloomberg as of December 31, 2024. This chart is for illustrative purposes only. An investment cannot be made directly in an index. Past performance is no guarantee of future results. Returns for greater than 1 year are expressed in terms of compounded average annual returns. Returns do not include dividends, sales charges or management, administrative and other fees.



**Speak with your financial professional** about the risks and suitability of Market-Linked Products in your portfolio.



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