

## Market-Linked Products Underlier

# S&P 500<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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	0	0	0	26	57	19	5	3
3-Yr	109	109	0	0	0	0	0	0	0	0	0	0	1	0	20	45	43
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%	7%	4%	4%	1%	1%	0%	0%	0%	0%	20%	43%	14%	4%	2%
3-Yr	109	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	18%	41%	40%
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 30, 2011 and ending December 29, 2023. The S&P 500<sup>®</sup> 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.

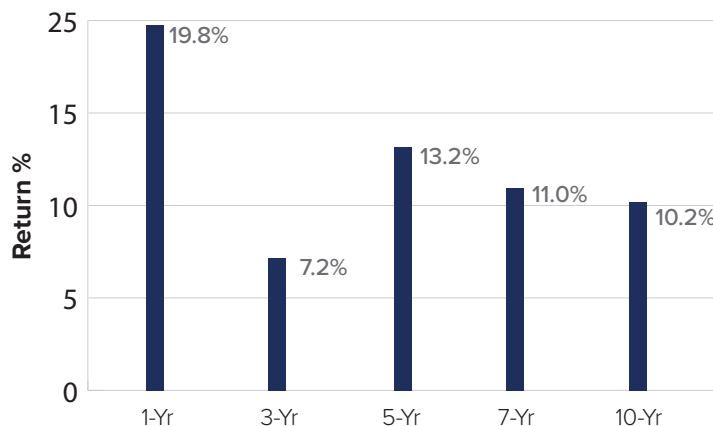
# S&P 500® Futures Index ER

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

<b>Launch date</b>	August 11, 2010	
<b>Ticker</b>	SPXFP	
<b>Sector weightings</b>	Information Technology	28.9%
	Financials	13.0%
	Health Care	12.6%
	Consumer Discretionary	10.8%
	Industrials	8.8%
	Communication Services	8.6%
	Consumer Staples	6.2%
	Energy	3.9%
	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 29, 2023<sup>4</sup>



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

<sup>2</sup> Source: Bloomberg as of December 29, 2023.

<sup>3</sup> Source: S&P Dow Jones Indices as of December 29, 2023.

<sup>4</sup> Source: Bloomberg as of December 29, 2023. 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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