

## Market-Linked Products Underliers

# S&P 500<sup>®</sup> Index/ Russell 2000<sup>®</sup> Index

Market-Linked Products, considered complex investments, may be linked to the performance of more than one underlying asset, such as the S&P 500<sup>®</sup> and the Russell 2000<sup>®</sup> (whichever is lesser performing). Dividends paid on the underliers 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 lesser performing index, as detailed in the offering documents. Additionally, your statement value will reflect any upward or downward movements in the volatility of these indices.

## S&P 500<sup>®</sup> Index / Russell 2000<sup>®</sup> Index – historical look at gains & losses

The chart below illustrates the **number of times** the lesser performing index's return, measured from the beginning to the end of different time periods within the past 35 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	409	279	130	31	19	30	18	15	9	1	4	3	114	104	45	11	5
3-Yr	385	305	80	13	10	6	6	12	10	12	6	5	37	56	63	73	76
5-Yr	361	275	86	9	29	21	17	7	2	0	1	0	17	17	24	36	181
7-Yr	337	319	18	7	4	1	1	2	1	2	0	0	34	42	36	17	190
10-Yr	301	273	28	0	2	2	4	10	4	2	3	1	9	7	7	2	248

The chart below illustrates the **percentage of times**<sup>1</sup> (based on total rolling periods) the lesser performing index's return, measured from the beginning to the end of different time periods within the past 35 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	409	68%	32%	8%	5%	7%	4%	4%	2%	0%	1%	1%	28%	25%	11%	3%	1%
3-Yr	385	79%	21%	3%	3%	1%	2%	3%	3%	3%	2%	1%	10%	14%	16%	19%	20%
5-Yr	361	76%	24%	2%	8%	6%	5%	2%	1%	0%	0%	0%	5%	5%	7%	9%	50%
7-Yr	337	95%	5%	2%	1%	0%	0%	1%	0%	1%	0%	0%	10%	13%	11%	5%	56%
10-Yr	301	91%	9%	0%	1%	1%	1%	3%	1%	1%	1%	0%	3%	2%	2%	1%	83%

Source: Bloomberg. The charts above represent various rolling periods in the past 35 years with monthly observations commencing on December 31, 1986 and ending on December 31, 2021. The S&P 500<sup>®</sup> Index is an unmanaged group of securities and is considered to be representative of the U.S. stock market in general. The Russell 2000<sup>®</sup> Index is an unmanaged group of securities and is considered to be representative of U.S. small cap companies. The gains and losses reflect the monthly price of each index only, and therefore, do not include dividends. These charts are for illustrative purposes only. An investment cannot be made directly in an index. Past performance is no guarantee of future results.

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

## S&P 500® Index<sup>2</sup>

<b>Launch date</b>	March 4, 1957	
<b>Ticker</b>	SPX	
<b>Stocks</b>	500	
<b>Sector weightings</b>	Information Technology	29.2%
	Health Care	13.3%
	Consumer Discretionary	12.5%
	Financial Services	10.7%
	Communication Services	10.2%
	Industrials	7.8%
	Consumer Staples	5.9%
	Real Estate	2.8%
	Energy	2.7%
	Materials	2.6%
	Utilities	2.5%

- Provides a broad snapshot of the overall U.S. equity market
- Approximately 80%, or more than \$13.5 trillion, of all U.S. equity is benchmarked to the S&P 500® Index<sup>3</sup>
- Includes 500 of the top U.S. companies that trade on the NYSE and NASDAQ, and are measured by market capitalization

<sup>2</sup> Source: Bloomberg as of December 31, 2021.

<sup>3</sup> Source: S&P Dow Jones Indices as of December 31, 2021.

## Russell 2000® Index<sup>2</sup>

<b>Launch date</b>	January 1, 1984	
<b>Ticker</b>	RTY	
<b>Stocks</b>	2,000	
<b>Sector weightings</b>	Financials	18.2%
	Health Care	17.8%
	Industrials	16.3%
	Consumer Discretionary	13.8%
	Information Technology	13.0%
	Real Estate	4.9%
	Consumer Staples	4.7%
	Materials	3.9%
	Communications Services	2.6%
	Energy	2.6%
	Utilities	2.2%

- Small-cap stock market index of the bottom 2,000 stocks in the Russell 3000® Index
- Maintained by FTSE Russell, a subsidiary of the London Stock Exchange Group
- Most widely quoted measure of the overall performance of the small-cap to mid-cap company shares



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

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