

## Market-Linked Products Underliers

# Russell 2000® Index/Nasdaq-100® Index

Market-Linked Products, considered complex investments, may be linked to the performance of more than one underlying asset, such as the Russell 2000® Index and the Nasdaq-100® Index (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 volatility of these indices.

## Russell 2000® Index/Nasdaq-100® Index – historical looks 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	275	134	30	25	18	11	8	11	8	7	16	97	88	55	15	20
3-Yr	385	305	80	11	9	5	10	8	7	4	2	24	28	51	53	61	112
5-Yr	361	287	74	13	10	16	3	6	1	9	1	15	26	24	22	37	178
7-Yr	337	301	36	3	2	3	4	5	2	6	0	11	6	15	29	26	225
10-Yr	301	272	29	1	2	1	1	1	2	3	4	14	0	1	3	4	264

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	67%	33%	7%	6%	4%	3%	2%	3%	2%	2%	4%	24%	21%	13%	4%	5%
3-Yr	385	80%	20%	3%	1%	1%	3%	2%	2%	1%	1%	6%	7%	14%	14%	16%	29%
5-Yr	361	79%	21%	4%	3%	4%	1%	2%	0%	3%	0%	4%	7%	7%	6%	10%	49%
7-Yr	337	89%	11%	1%	1%	1%	1%	1%	1%	2%	0%	3%	2%	4%	8%	8%	67%
10-Yr	301	90%	10%	0%	1%	0%	0%	1%	1%	1%	1%	5%	0%	0%	1%	1%	88%

Source: Bloomberg. The charts above represent various rolling periods in the past 35 years with monthly observations commencing on December 29, 1989 and ending on December 31, 2024. The Russell 2000® Index is an unmanaged group of securities and considered to be representative of U.S small cap companies in general. The Nasdaq-100® Index is an unmanaged group of securities considered to be representative of the global large-cap growth market in general. 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. Any investment cannot be made directly in an index. Past performance is no guarantee of future results.

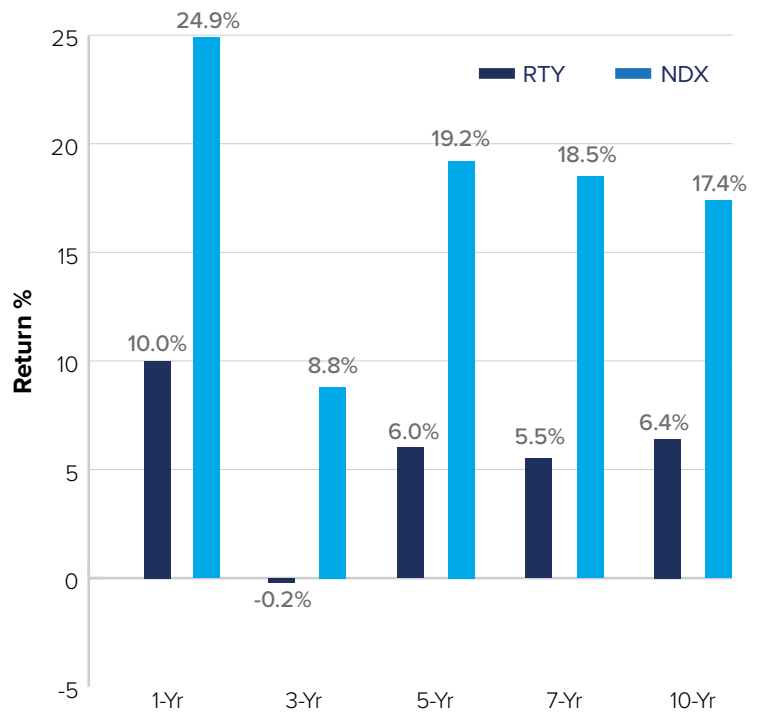
<sup>1</sup> The above percentages have been expressed on a whole number basis for illustrative purposes.

Russell 2000® Nasdaq 100®

Launch date	Jan 1, 1984	Feb 1, 1985	
Ticker	RTY	NDX	
Stocks	2,000	102	
Sector weightings	Financials	22.1%	0.3%
	Industrials	19.7%	7.2%
	Consumer Discretionary	13.3%	32.8%
	Health Care	13.1%	9.3%
	Information Technology	12.1%	32.4%
	Consumer Staples	3.7%	4.4%
	Materials	4.5%	1.4%
	Energy	3.6%	0.7%
	Real Estate	3.5%	0.2%
	Communication Services	2.4%	9.8%
	Utilities	2.1%	1.4%

Source: Bloomberg as of December 31, 2024 determined as if there was one share per member.

### Trailing returns as of December 31, 2024



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

Source: Bloomberg as of December 31, 2024. This graph illustrates the Indices' price return during the trailing 1-, 3-, 5-, 7-, and 10-year given periods only, and therefore, does not include dividends. These charts are for illustrative purposes only. Any investment cannot be made directly in an index. Past performance is no guarantee of future results.



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



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