

# WHAT'S NEW WITH THE NASDAQ-100?

EFRAM SLEN,  
AVP - PRODUCT DEVELOPMENT, NASDAQ GLOBAL INFORMATION SERVICES

**The Nasdaq-100 is one of the world's preeminent large cap growth indexes. Each year, the renowned rules-based index undergoes an evaluation, during which securities may get added while others may get removed.**

It's a coveted spot for the top securities listed on The Nasdaq Stock Market: The Nasdaq-100 Index. The index includes 100 of the largest domestic and international non-financial companies listed on the exchange (based on market capitalization). With a market cap of \$7.5T as of year-end 2018, the Nasdaq-100 is one of the world's preeminent large-cap growth indexes.

The Nasdaq-100 is rebalanced annually and the rebalance goes into effect after the close of trading on the third Friday of each December. In the most recent evaluation effective after the close of trading on Friday, December 21, 2018, there were six security additions and six security deletions. The largest of the additions was United Continental Holdings (Nasdaq: UAL). The largest of the deletions was Express Scripts Holding (Nasdaq: ESRX). For all security additions and deletions associated with the 2018 annual evaluation, see below.

ADDITIONS	TICKER	COMPANY NAME	NET WEIGHT CHANGE %	ICB INDUSTRY
1	UAL	United Continental Holdings	0.34%	Consumer Services
2	WLTW	Willis Towers Watson PLC	0.29%	Industrials
3	AMD	Advanced Micro Devices Inc	0.26%	Technology
4	VRSN	VeriSign Inc	0.26%	Technology
5	NTAP	NetApp Inc	0.22%	Technology
6	LULU	Lululemon Athletica Inc	0.21%	Consumer Goods

DELETIONS	TICKER	COMPANY NAME	NET WEIGHT CHANGE %	ICB INDUSTRY
1	ESRX	Express Scripts Holding Co	0.75%	Health Care
2	SHPG	Shire PLC	0.18%	Health Care
3	HOLX	Hologic Inc	0.15%	Health Care
4	STX	Seagate Technology PLC	0.15%	Technology
5	VOD	Vodafone Group PLC	0.13%	Telecommunications
6	QRTEA	Qurate Retail Inc	0.11%	Consumer Services

Outside of the annual evaluation, the Nasdaq-100 may have periodic replacements throughout the year due to corporate actions. In 2018, there were three periodic additions and six periodic deletions that occurred over the course of the year. The periodic additions and deletions are listed below.

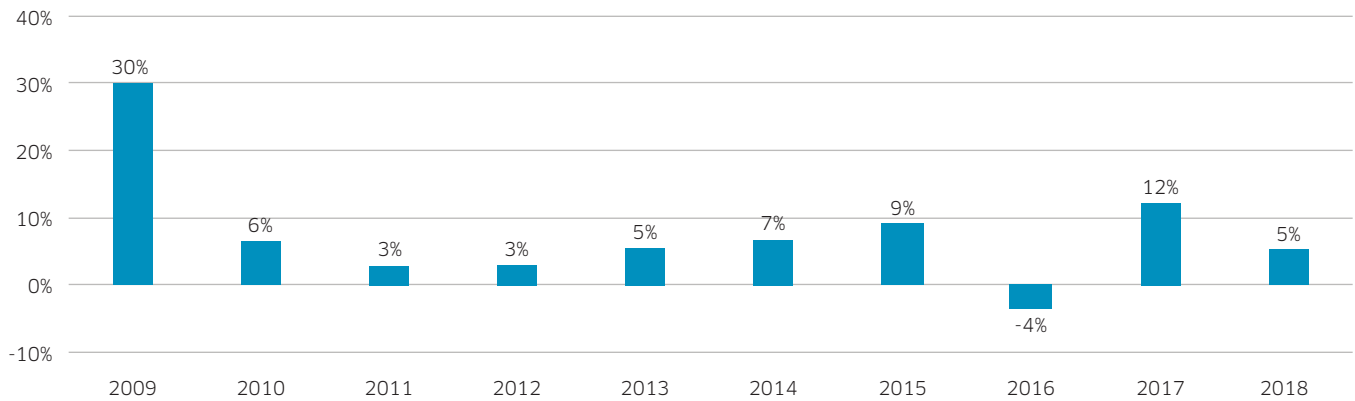
ADDITIONS	TICKER	COMPANY NAME	ICB INDUSTRY
1	PEP	PepsiCo, Inc.	Consumer Goods
2	NXPI	NXP Semiconductors N.V.	Technology
3	XEL	Xcel Energy Inc.	Utilities

DELETIONS	TICKER	COMPANY NAME	ICB INDUSTRY
1	DISH	DISH Network Corporation	Consumer Services
2	CA	CA Inc.	Technology
3	XRAY	DENTSPLY SIRONA Inc.	Health Care
4	LILA	Liberty LiLAC Group Class A	Consumer Services
5	LILAK	Liberty LiLAC Group Class C	Consumer Services
6	LVNTA	Liberty Ventures Series A	Consumer Services

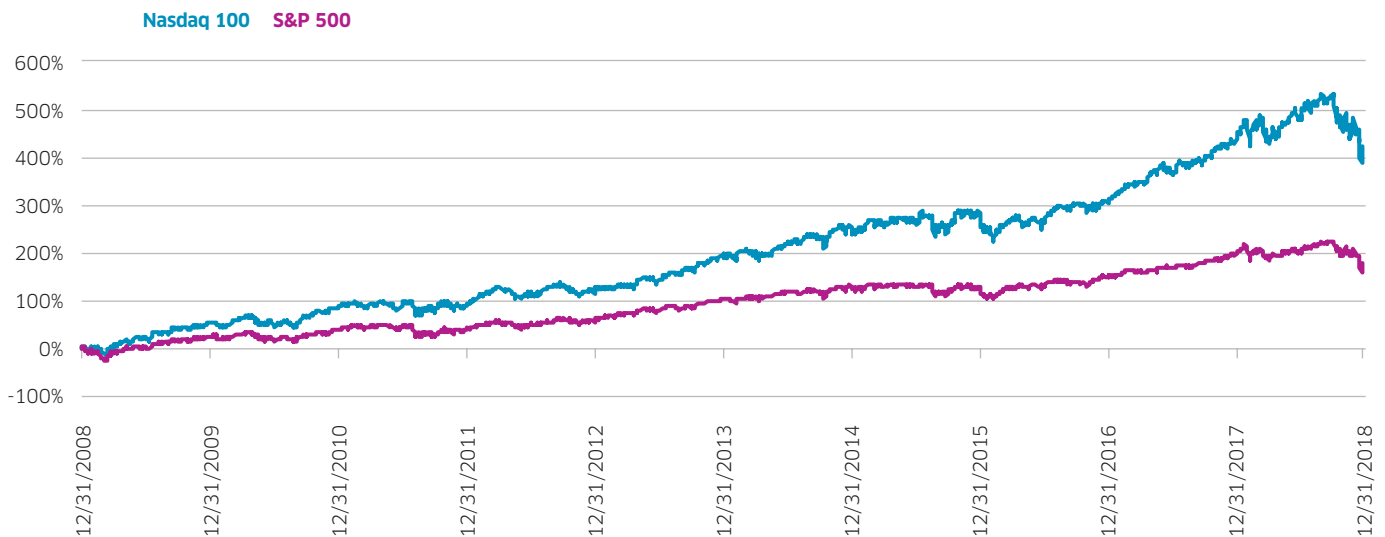
2018 was a strong year heading through the end of the summer with the index hitting all-time highs in August prior to entering the fourth quarter, where the index had a pullback like the rest of the US equity markets. However, the Nasdaq-100 Total Return Index still ended the year in positive territory (negative without dividends) and was up almost 4.5% higher than the S&P 500 Total Return Index. The Nasdaq-100 has outperformed the S&P 500 in nine out of the past ten years (with the exception of 2016) with a strong average annual excess return of 7.74% over the S&P 500 for this ten-year period.

YEAR	PRICE RETURN*		ANNUALIZED VOLATILITY*	
	NASDAQ-100	S&P 500	NASDAQ-100	S&P 500
2009	53.54%	23.45%	26.52%	27.29%
2010	19.22%	12.78%	19.48%	18.05%
2011	2.70%	0.00%	23.80%	23.27%
2012	16.82%	13.41%	15.47%	12.77%
2013	34.99%	29.60%	12.36%	11.07%
2014	17.94%	11.39%	14.06%	11.37%
2015	8.43%	-0.73%	17.86%	15.49%
2016	5.89%	9.54%	16.15%	13.09%
2017	31.52%	19.42%	10.28%	6.69%
2018	-1.04%	-6.24%	22.72%	17.05%

### Nasdaq-100 Excess Return over S&P 500



### 10-Year Cululative Performance\*



Volatility is slightly higher in the Nasdaq-100 vs the S&P 500 with figures for calendar year 2018 standing at 22.72% (for the Nasdaq-100) vs. 17.05% (for the S&P 500). In addition to the clear outperformance during 2018, the Nasdaq-100 dividend yield as of year-end 2018 was 1.19%\*.

\*Price return, annualized volatility and yield calculated with data through the end of December 2018.

Nasdaq® is a registered trademark of Nasdaq, Inc. The information contained above is provided for informational and educational purposes only, and nothing contained herein should be construed as investment advice, either on behalf of a particular security or an overall investment strategy. Neither Nasdaq, Inc. nor any of its affiliates makes any recommendation to buy or sell any security or any representation about the financial condition of any company. Statements regarding Nasdaq-listed companies or Nasdaq proprietary indexes are not guarantees of future performance. Actual results may differ materially from those expressed or implied. Past performance is not indicative of future results. Investors should undertake their own due diligence and carefully evaluate companies before investing. **ADVICE FROM A SECURITIES PROFESSIONAL IS STRONGLY ADVISED.**

© 2019. Nasdaq, Inc. All Rights Reserved. 0900-Q19