

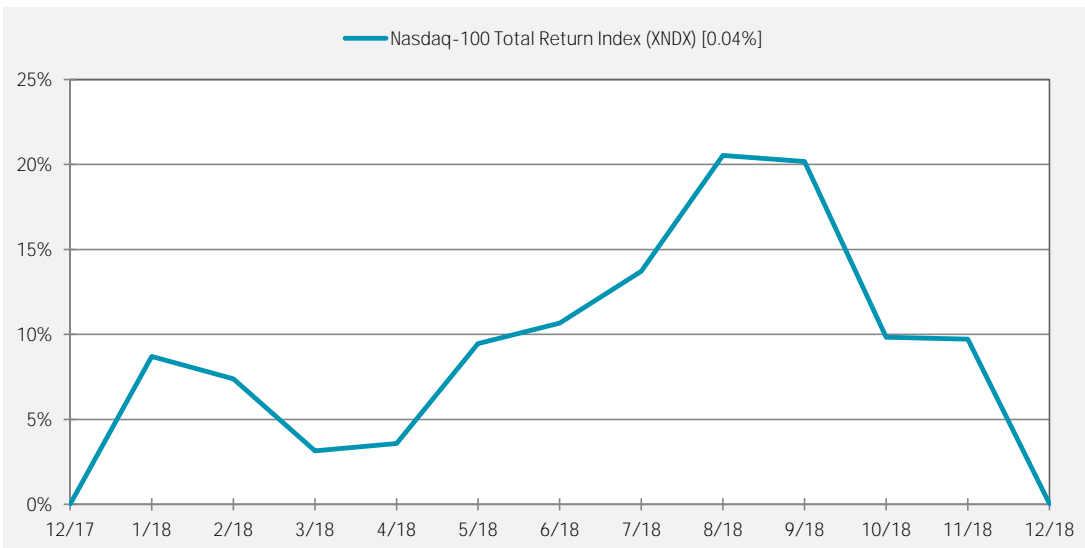


NASDAQ-100

The NASDAQ-100 Index includes 100 of the largest domestic and international non-financial companies listed on The NASDAQ Stock Market based on market capitalization. The Index reflects companies across major industry groups including computer hardware and software, telecommunications, retail/wholesale trade and biotechnology. Index composition is reviewed on an annual basis in December

More information about the Index can be found at <https://indexes.nasdaqomx.com/Index/Overview/NDX>

1-YEAR PERFORMANCE



QUICK FACTS

Securities: 103
 Currency: USD
 History: 02/01/1985
 YTD Return: 0.04%

INDEX TICKERS

Price Return: NDX
 Total Return: XNDX
 Net Total Return: XNDXNNR

TOP 10 SECURITIES BY WEIGHT

TICKER	SECURITY	WEIGHT
MSFT	MICROSOFT CORP	10.14%
AAPL	APPLE INC.	9.73%
AMZN	AMAZON.COM INC	9.55%
GOOG	ALPHABET CL C CAP	4.74%
GOOGL	ALPHABET CL A CMN	4.18%
FB	FACEBOOK INC	4.13%
INTC	INTEL CORP	3.09%
CSCO	CISCO SYSTEMS INC	2.81%
PEP	PEPSICO INC	2.28%
CMCSA	COMCAST CORP A	2.23%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Oil & Gas	0.00%	0
Basic Materials	0.00%	0
Industrials	5.23%	11
Consumer Goods	6.48%	10
Health Care	8.67%	15
Consumer Services	24.68%	26
Telecommunications	0.78%	1
Utilities	0.37%	1
Financials	0.00%	0
Technology	53.80%	39

PERFORMANCE(TR Version)

ANNUAL

1 Year	0.04%
2 Year	32.99%
3 Year	7.27%
4 Year	9.75%
5 Year	19.40%
6 Year	36.92%
7 Year	18.35%
8 Year	3.66%
9 Year	20.14%
10 Year	54.61%

CUMULATIVE

1 Year	0.04%
2 Year	33.04%
3 Year	42.72%
4 Year	56.63%
5 Year	87.03%
6 Year	156.07%
7 Year	203.06%
8 Year	214.15%
9 Year	277.44%
10 Year	483.57%

ANNUALIZED

1 Year	0.04%
2 Year	15.34%
3 Year	12.59%
4 Year	11.87%
5 Year	13.34%
6 Year	16.97%
7 Year	17.16%
8 Year	15.38%
9 Year	15.90%
10 Year	19.29%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	22.74%
2 Year	10.38%
3 Year	16.14%
4 Year	17.93%
5 Year	14.05%
6 Year	12.37%
7 Year	15.75%
8 Year	23.83%
9 Year	19.51%
10 Year	26.49%

CUMULATIVE

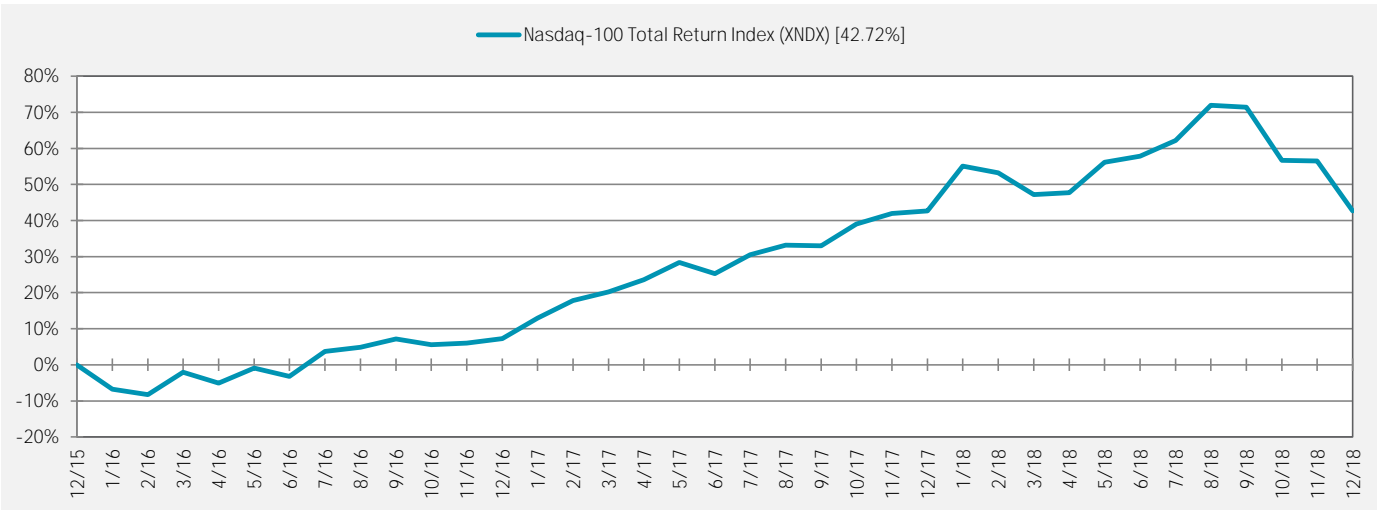
1 Year	22.74%
2 Year	17.64%
3 Year	17.15%
4 Year	17.32%
5 Year	16.71%
6 Year	16.07%
7 Year	15.98%
8 Year	17.15%
9 Year	17.42%
10 Year	18.54%

PERFORMANCE(TR Version)

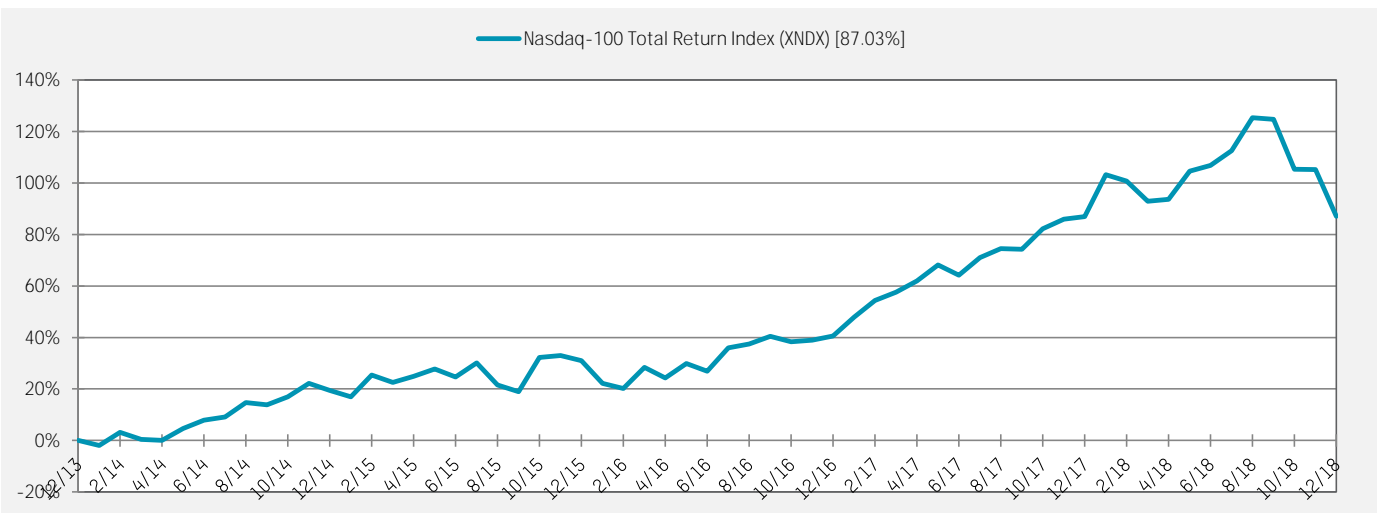
CALENDER YEAR

2018	0.04%
2017	32.99%
2016	7.27%
2015	9.75%
2014	19.40%
2013	36.92%
2012	18.35%
2011	3.66%
2010	20.14%
2009	54.61%

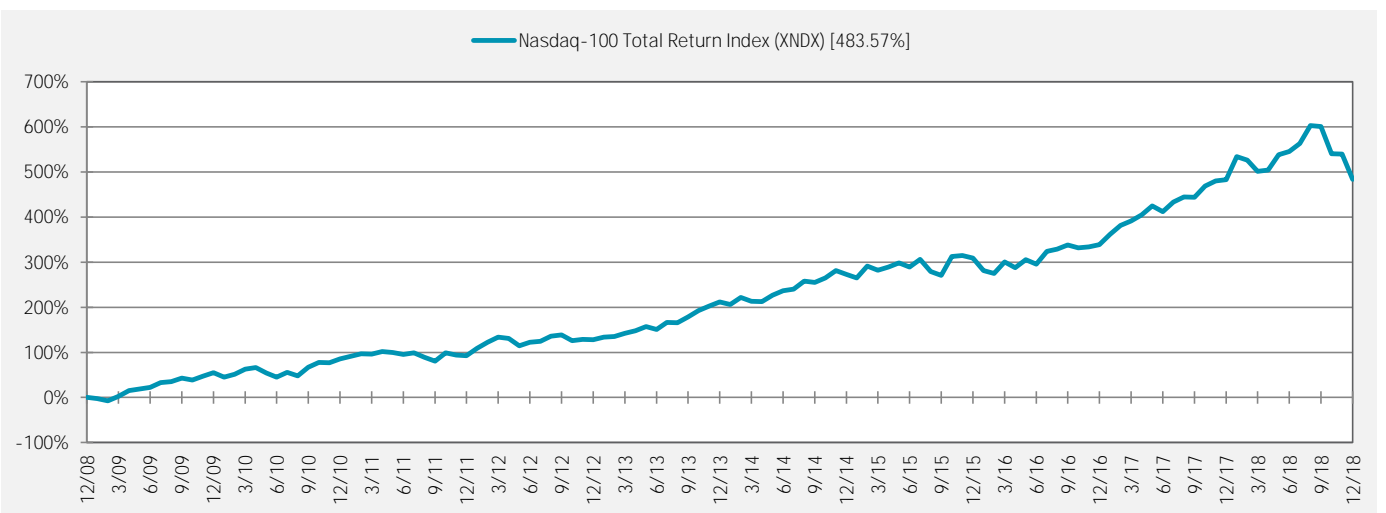
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



MONTHLY PERFORMANCE(TR Version)

Dec 2018	-8.83%	Aug 2015	-6.66%	Apr 2012	-1.10%
Nov 2018	-0.09%	Jul 2015	4.42%	Mar 2012	5.07%
Oct 2018	-8.62%	Jun 2015	-2.40%	Feb 2012	6.47%
Sep 2018	-0.29%	May 2015	2.31%	Jan 2012	8.38%
Aug 2018	6.00%	Apr 2015	1.89%	Dec 2011	-0.72%
Jul 2018	2.76%	Mar 2015	-2.33%	Nov 2011	-2.53%
Jun 2018	1.09%	Feb 2015	7.24%	Oct 2011	10.38%
May 2018	5.68%	Jan 2015	-2.03%	Sep 2011	-4.52%
Apr 2018	0.41%	Dec 2014	-2.31%	Aug 2011	-4.99%
Mar 2018	-3.94%	Nov 2014	4.54%	Jul 2011	1.67%
Feb 2018	-1.22%	Oct 2014	2.71%	Jun 2011	-1.95%
Jan 2018	8.70%	Sep 2014	-0.75%	May 2011	-1.17%
Dec 2017	0.52%	Aug 2014	5.10%	Apr 2011	2.81%
Nov 2017	2.06%	Jul 2014	1.17%	Mar 2011	-0.48%
Oct 2017	4.55%	Jun 2014	3.09%	Feb 2011	3.13%
Sep 2017	-0.12%	May 2014	4.55%	Jan 2011	2.91%
Aug 2017	2.03%	Apr 2014	-0.34%	Dec 2010	4.79%
Jul 2017	4.17%	Mar 2014	-2.66%	Nov 2010	-0.16%
Jun 2017	-2.40%	Feb 2014	5.17%	Oct 2010	6.36%
May 2017	3.88%	Jan 2014	-1.91%	Sep 2010	13.07%
Apr 2017	2.76%	Dec 2013	3.03%	Aug 2010	-5.07%
Mar 2017	2.05%	Nov 2013	3.54%	Jul 2010	7.20%
Feb 2017	4.37%	Oct 2013	5.01%	Jun 2010	-6.07%
Jan 2017	5.25%	Sep 2013	4.75%	May 2010	-7.30%
Dec 2016	1.15%	Aug 2013	-0.29%	Apr 2010	2.20%
Nov 2016	0.43%	Jul 2013	6.29%	Mar 2010	7.70%
Oct 2016	-1.49%	Jun 2013	-2.33%	Feb 2010	4.59%
Sep 2016	2.24%	May 2013	3.50%	Jan 2010	-6.39%
Aug 2016	1.08%	Apr 2013	2.49%	Dec 2009	5.28%
Jul 2016	7.13%	Mar 2013	2.99%	Nov 2009	6.13%
Jun 2016	-2.30%	Feb 2013	0.49%	Oct 2009	-2.99%
May 2016	4.45%	Jan 2013	2.66%	Sep 2009	5.80%
Apr 2016	-3.12%	Dec 2012	-0.53%	Aug 2009	1.47%
Mar 2016	6.79%	Nov 2012	1.43%	Jul 2009	8.56%
Feb 2016	-1.60%	Oct 2012	-5.35%	Jun 2009	2.93%
Jan 2016	-6.79%	Sep 2012	1.03%	May 2009	3.09%
Dec 2015	-1.48%	Aug 2012	5.14%	Apr 2009	12.75%
Nov 2015	0.56%	Jul 2012	1.07%	Mar 2009	10.78%
Oct 2015	11.24%	Jun 2012	3.67%	Feb 2009	-5.21%
Sep 2015	-2.14%	May 2012	-7.14%	Jan 2009	-2.57%

QUARTERLY PERFORMANCE(TR Version)

Q4 2018	-16.76%
Q3 2018	8.61%
Q2 2018	7.27%
Q1 2018	3.15%
Q4 2017	7.26%
Q3 2017	6.17%
Q2 2017	4.19%
Q1 2017	12.09%
Q4 2016	0.08%
Q3 2016	10.71%
Q2 2016	-1.14%
Q1 2016	-2.06%
Q4 2015	10.21%
Q3 2015	-4.63%
Q2 2015	1.75%
Q1 2015	2.63%
Q4 2014	4.90%
Q3 2014	5.53%
Q2 2014	7.42%
Q1 2014	0.42%
Q4 2013	12.03%
Q3 2013	11.01%
Q2 2013	3.61%
Q1 2013	6.25%
Q4 2012	-4.50%
Q3 2012	7.36%
Q2 2012	-4.79%
Q1 2012	21.24%
Q4 2011	6.81%
Q3 2011	-7.77%
Q2 2011	-0.37%
Q1 2011	5.62%
Q4 2010	11.28%
Q3 2010	15.07%
Q2 2010	-11.01%
Q1 2010	5.44%
Q4 2009	8.39%
Q3 2009	16.55%
Q2 2009	19.63%
Q1 2009	2.31%

All Information as of 12/31/2018.

Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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