

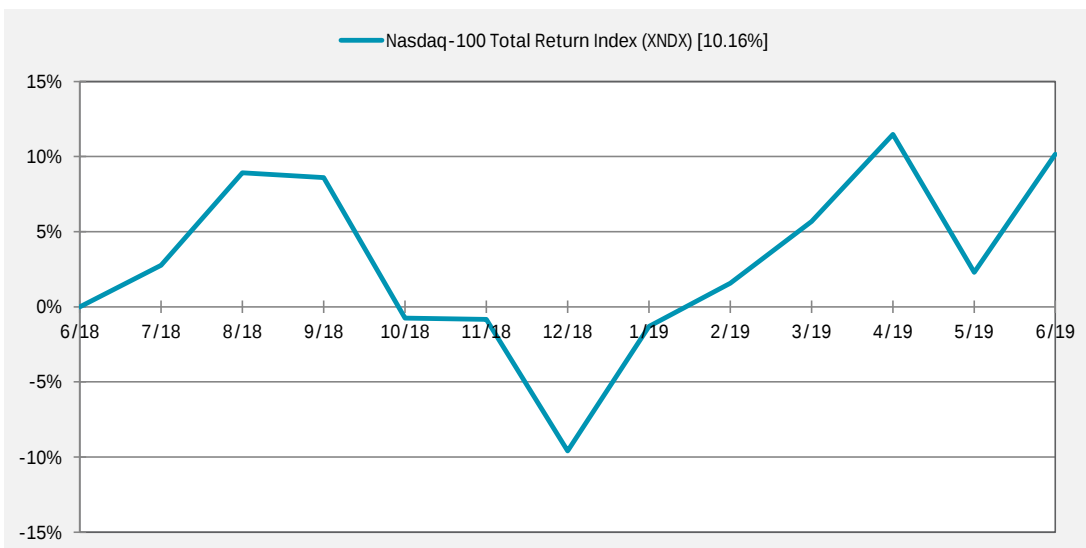


NASDAQ-100

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: 21.85%

INDEX TICKERS

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

TOP 10 SECURITIES BY WEIGHT

TICKER	SECURITY	WEIGHT
MSFT	MICROSOFT CORP	11.22%
AMZN	AMAZON.COM INC	10.19%
AAPL	APPLE INC.	9.95%
FB	FACEBOOK INC	5.11%
GOOG	ALPHABET CL C CAP	4.14%
GOOGL	ALPHABET CL A CMN	3.64%
CSCO	CISCO SYSTEMS INC	2.84%
INTC	INTEL CORP	2.60%
CMCSA	COMCAST CORP A	2.32%
PEP	PEPSICO INC	2.23%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Oil & Gas	0.00%	0
Basic Materials	0.00%	0
Industrials	5.59%	11
Consumer Goods	5.92%	10
Health Care	7.55%	14
Consumer Services	24.80%	27
Telecommunications	0.77%	1
Utilities	0.37%	1
Financials	0.00%	0
Technology	55.00%	39

PERFORMANCE(TR Version)

ANNUAL

1 Year	10.16%
2 Year	26.01%
3 Year	29.39%
4 Year	1.77%
5 Year	15.58%
6 Year	34.15%
7 Year	12.87%
8 Year	13.72%
9 Year	34.74%
10 Year	18.52%

CUMULATIVE

1 Year	10.16%
2 Year	38.82%
3 Year	79.61%
4 Year	82.79%
5 Year	111.28%
6 Year	183.43%
7 Year	219.90%
8 Year	263.78%
9 Year	390.18%
10 Year	480.98%

ANNUALIZED

1 Year	10.16%
2 Year	17.82%
3 Year	21.56%
4 Year	16.28%
5 Year	16.14%
6 Year	18.96%
7 Year	18.07%
8 Year	17.52%
9 Year	19.32%
10 Year	19.24%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	21.41%
2 Year	16.32%
3 Year	10.71%
4 Year	20.32%
5 Year	14.03%
6 Year	12.71%
7 Year	14.13%
8 Year	23.99%
9 Year	15.92%
10 Year	19.86%

CUMULATIVE

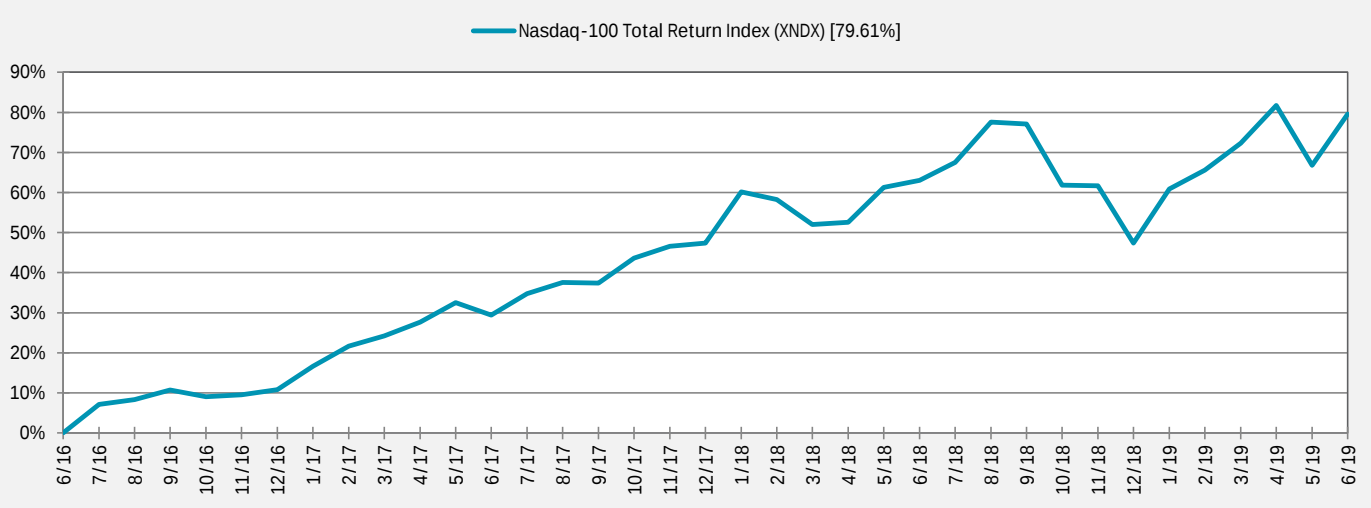
1 Year	21.41%
2 Year	19.02%
3 Year	16.70%
4 Year	17.69%
5 Year	17.01%
6 Year	16.37%
7 Year	16.07%
8 Year	17.26%
9 Year	17.11%
10 Year	17.41%

PERFORMANCE(TR Version)

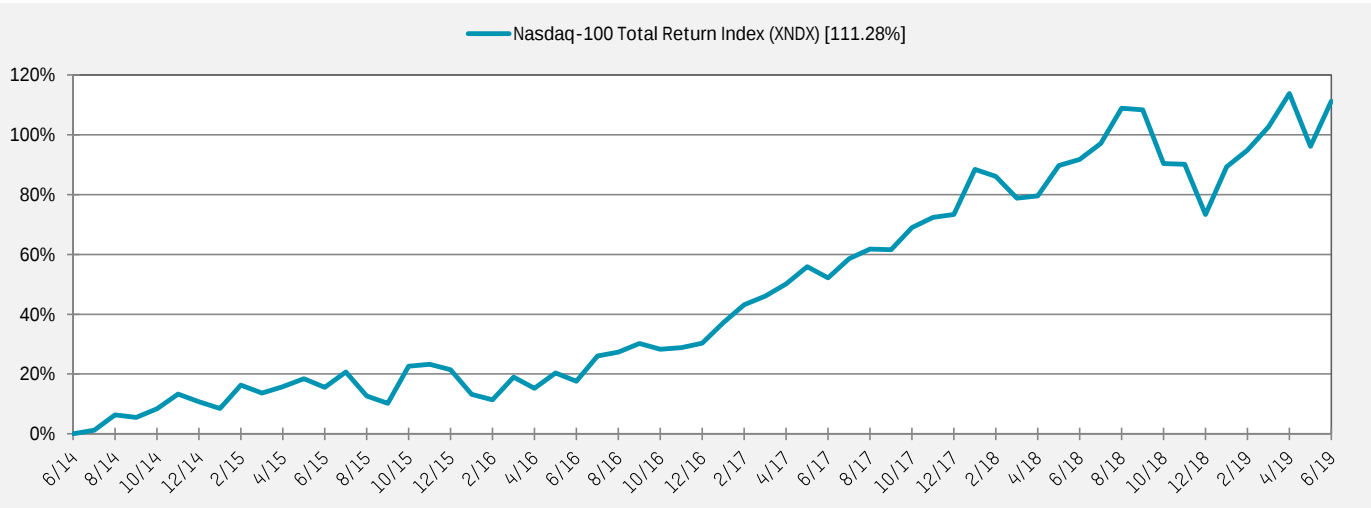
CALENDER YEAR

2019	21.85%
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%

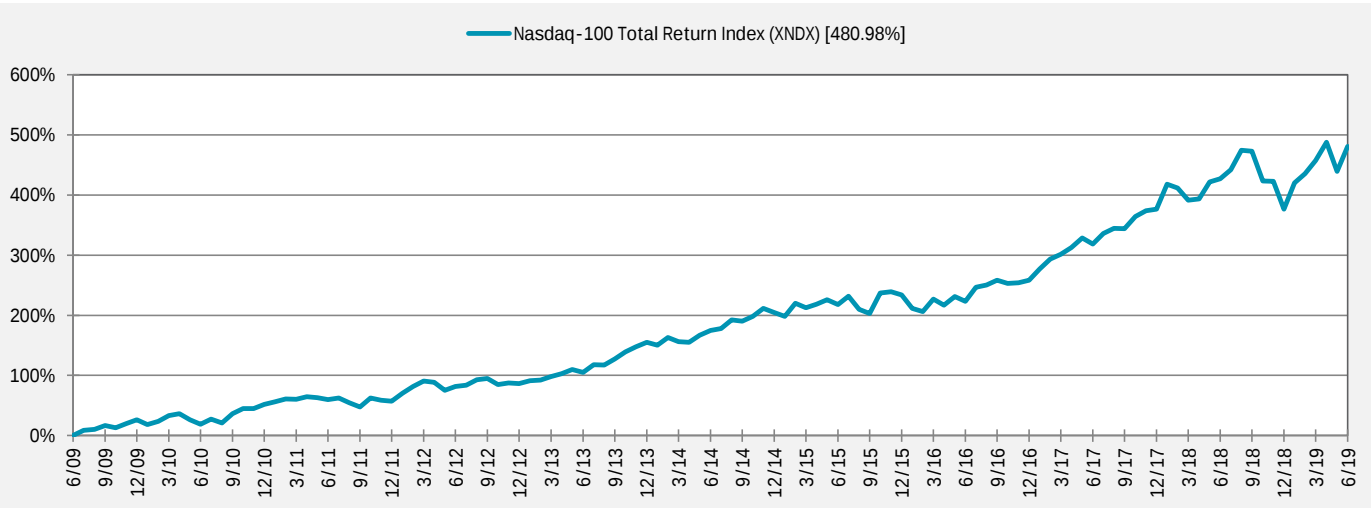
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



MONTHLY PERFORMANCE(TR Version)

Jun 2019	7.69%
May 2019	-8.25%
Apr 2019	5.50%
Mar 2019	4.03%
Feb 2019	2.94%
Jan 2019	9.16%
Dec 2018	-8.83%
Nov 2018	-0.09%
Oct 2018	-8.62%
Sep 2018	-0.29%
Aug 2018	6.00%
Jul 2018	2.76%
Jun 2018	1.09%
May 2018	5.68%
Apr 2018	0.41%
Mar 2018	-3.94%
Feb 2018	-1.22%
Jan 2018	8.70%
Dec 2017	0.52%
Nov 2017	2.06%
Oct 2017	4.55%
Sep 2017	-0.12%
Aug 2017	2.03%
Jul 2017	4.17%
Jun 2017	-2.40%
May 2017	3.88%
Apr 2017	2.76%
Mar 2017	2.05%
Feb 2017	4.37%
Jan 2017	5.25%
Dec 2016	1.15%
Nov 2016	0.43%
Oct 2016	-1.49%
Sep 2016	2.24%
Aug 2016	1.08%
Jul 2016	7.13%
Jun 2016	-2.30%
May 2016	4.45%
Apr 2016	-3.12%
Mar 2016	6.79%

Feb 2016	-1.60%
Jan 2016	-6.79%
Dec 2015	-1.48%
Nov 2015	0.56%
Oct 2015	11.24%
Sep 2015	-2.14%
Aug 2015	-6.66%
Jul 2015	4.42%
Jun 2015	-2.40%
May 2015	2.31%
Apr 2015	1.89%
Mar 2015	-2.33%
Feb 2015	7.24%
Jan 2015	-2.03%
Dec 2014	-2.31%
Nov 2014	4.54%
Oct 2014	2.71%
Sep 2014	-0.75%
Aug 2014	5.10%
Jul 2014	1.17%
Jun 2014	3.09%
May 2014	4.55%
Apr 2014	-0.34%
Mar 2014	-2.66%
Feb 2014	5.17%
Jan 2014	-1.91%
Dec 2013	3.03%
Nov 2013	3.54%
Oct 2013	5.01%
Sep 2013	4.75%
Aug 2013	-0.29%
Jul 2013	6.29%
Jun 2013	-2.33%
May 2013	3.50%
Apr 2013	2.49%
Mar 2013	2.99%
Feb 2013	0.49%
Jan 2013	2.66%
Dec 2012	-0.53%
Nov 2012	1.43%

Oct 2012	-5.35%
Sep 2012	1.03%
Aug 2012	5.14%
Jul 2012	1.07%
Jun 2012	3.67%
May 2012	-7.14%
Apr 2012	-1.10%
Mar 2012	5.07%
Feb 2012	6.47%
Jan 2012	8.38%
Dec 2011	-0.72%
Nov 2011	-2.53%
Oct 2011	10.38%
Sep 2011	-4.52%
Aug 2011	-4.99%
Jul 2011	1.67%
Jun 2011	-1.95%
May 2011	-1.17%
Apr 2011	2.81%
Mar 2011	-0.48%
Feb 2011	3.13%
Jan 2011	2.91%
Dec 2010	4.79%
Nov 2010	-0.16%
Oct 2010	6.36%
Sep 2010	13.07%
Aug 2010	-5.07%
Jul 2010	7.20%
Jun 2010	-6.07%
May 2010	-7.30%
Apr 2010	2.20%
Mar 2010	7.70%
Feb 2010	4.59%
Jan 2010	-6.39%
Dec 2009	5.28%
Nov 2009	6.13%
Oct 2009	-2.99%
Sep 2009	5.80%
Aug 2009	1.47%
Jul 2009	8.56%

QUARTERLY PERFORMANCE(TR Version)

Q2 2019	4.25%
Q1 2019	16.89%
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%

All Information as of 06/28/2019.

Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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