

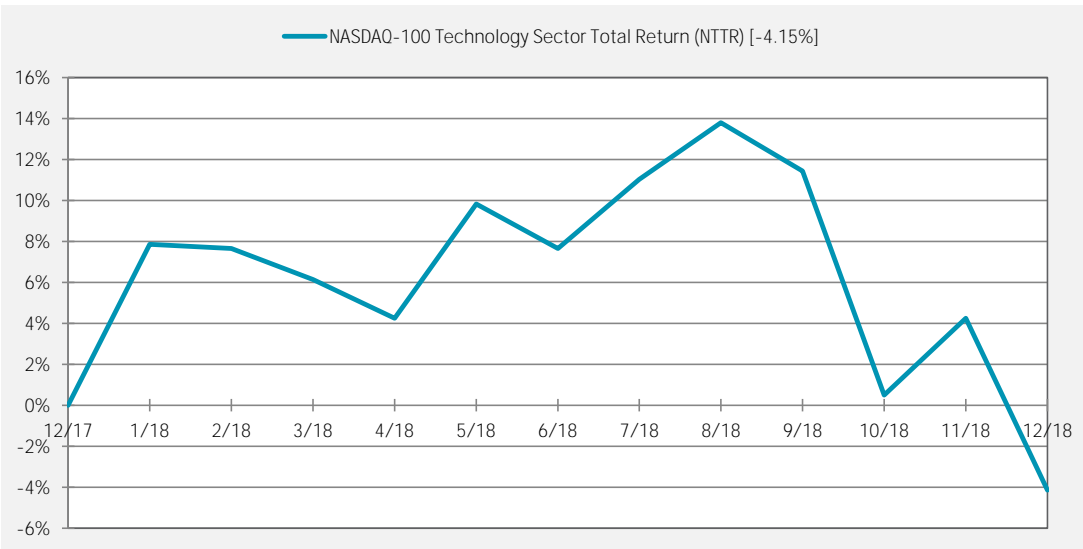


NASDAQ-100 Technology Sector Total Return

The NASDAQ-100 Technology Sector Index is an equal weighted index based on the securities of the NASDAQ-100 Index that are classified as Technology according to the Industry Classification Benchmark (ICB) classification system.

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

1-YEAR PERFORMANCE



QUICK FACTS

Securities: 39
 Currency: USD
 History: 02/22/2006
 YTD Return: -4.15%

INDEX TICKERS

Price Return: NDXT
 Total Return: NTTR
 Net Total Return:

TOP 10 SECURITIES BY WEIGHT

TICKER	SECURITY	WEIGHT
WDAY	WORKDAY, INC.	2.77%
AMD	ADV MICRO DEVICES	2.74%
ADBE	ADOBE INC.	2.72%
AMAT	APPLIED MATERIALS	2.71%
LRCX	LAM RESEARCH CORP	2.69%
ADSK	AUTODESK INC	2.69%
CDNS	CADENCE DESIGN SYS	2.69%
CERN	CERNER CORP	2.68%
INTU	INTUIT INC	2.66%
MCHP	MICROCHIP TECHNOLOGY	2.66%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Oil & Gas	0.00%	0
Basic Materials	0.00%	0
Industrials	0.00%	0
Consumer Goods	0.00%	0
Health Care	0.00%	0
Consumer Services	0.00%	0
Telecommunications	0.00%	0
Utilities	0.00%	0
Financials	0.00%	0
Technology	100.00%	39

PERFORMANCE(TR Version)

ANNUAL

1 Year	-4.15%
2 Year	38.69%
3 Year	26.18%
4 Year	-0.80%
5 Year	25.64%
6 Year	39.01%
7 Year	8.70%
8 Year	-5.16%
9 Year	22.66%
10 Year	81.83%

CUMULATIVE

1 Year	-4.15%
2 Year	32.94%
3 Year	67.75%
4 Year	66.41%
5 Year	109.07%
6 Year	190.64%
7 Year	215.92%
8 Year	199.61%
9 Year	267.51%
10 Year	568.24%

ANNUALIZED

1 Year	-4.15%
2 Year	15.30%
3 Year	18.82%
4 Year	13.58%
5 Year	15.89%
6 Year	19.46%
7 Year	17.86%
8 Year	14.70%
9 Year	15.56%
10 Year	20.92%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	23.94%
2 Year	13.44%
3 Year	19.79%
4 Year	18.59%
5 Year	15.40%
6 Year	13.63%
7 Year	19.06%
8 Year	28.49%
9 Year	22.84%
10 Year	32.11%

CUMULATIVE

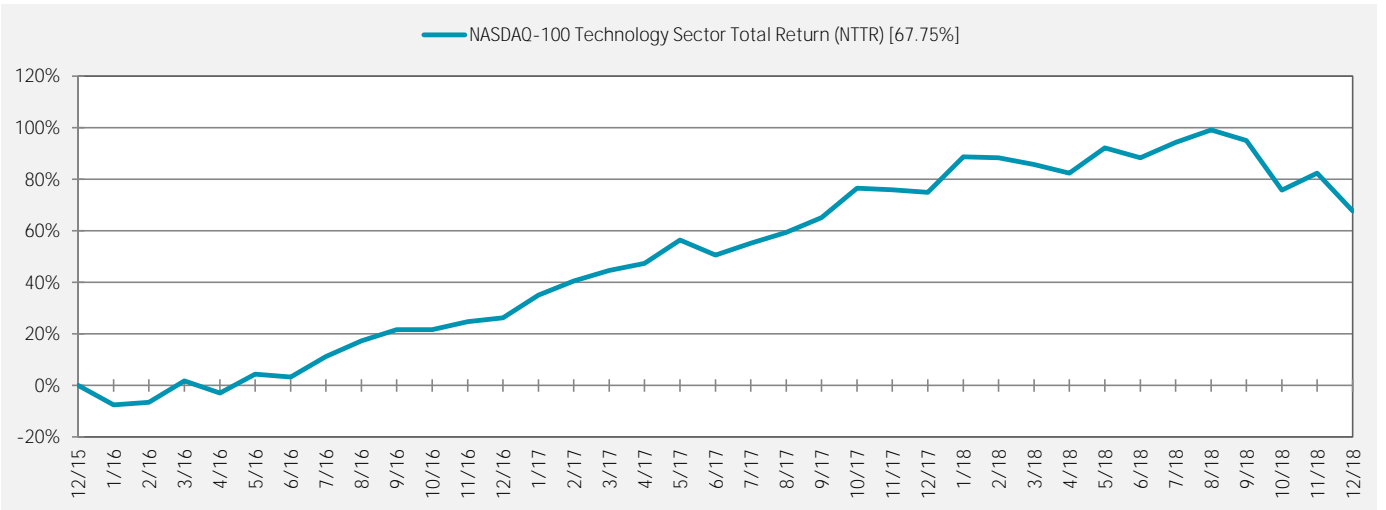
1 Year	23.94%
2 Year	19.39%
3 Year	19.53%
4 Year	19.29%
5 Year	18.57%
6 Year	17.84%
7 Year	17.97%
8 Year	19.60%
9 Year	19.98%
10 Year	21.52%

PERFORMANCE(TR Version)

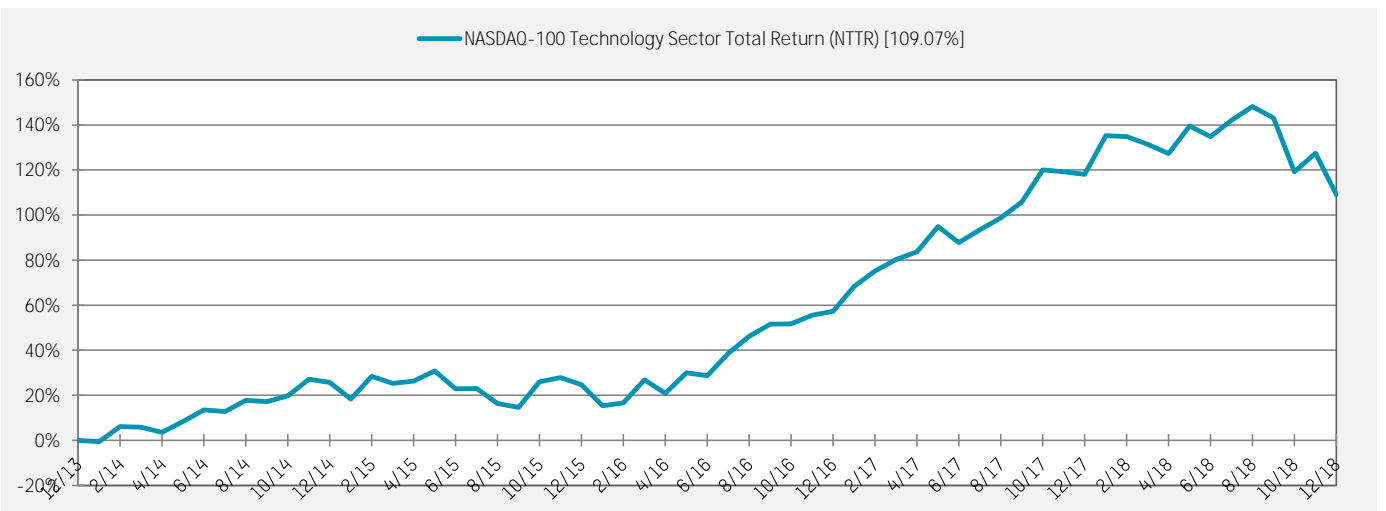
CALENDER YEAR

2018	-4.15%
2017	38.69%
2016	26.18%
2015	-0.80%
2014	25.64%
2013	39.01%
2012	8.70%
2011	-5.16%
2010	22.66%
2009	81.83%

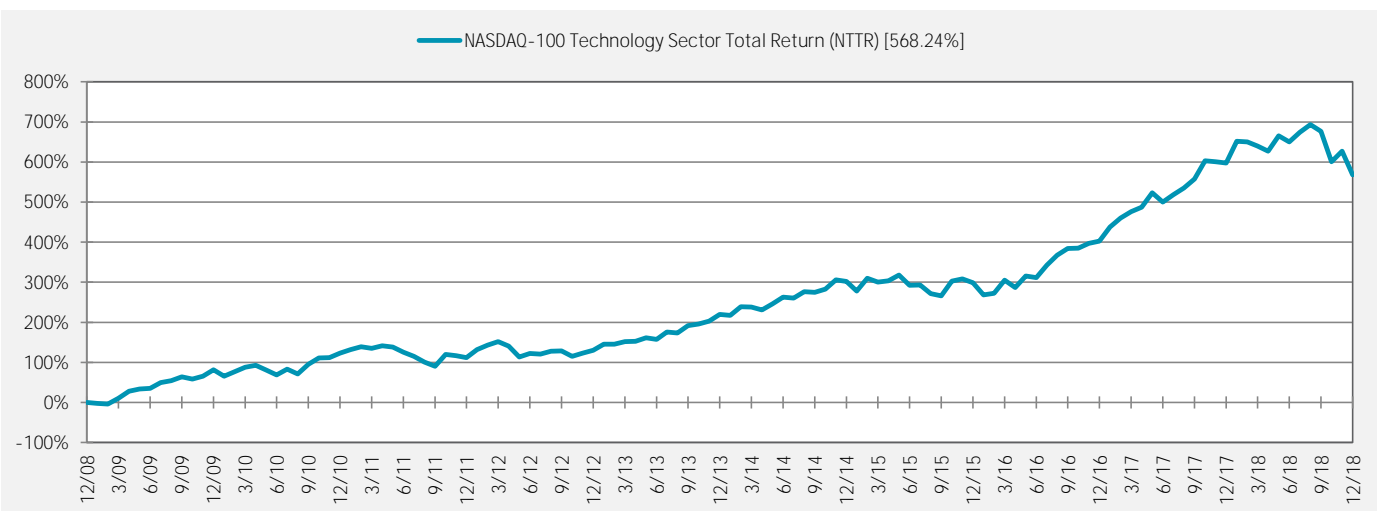
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



MONTHLY PERFORMANCE (TR Version)

Dec 2018	-8.06%	Aug 2015	-5.42%	Apr 2012	-4.39%
Nov 2018	3.74%	Jul 2015	0.07%	Mar 2012	3.86%
Oct 2018	-9.82%	Jun 2015	-6.06%	Feb 2012	4.78%
Sep 2018	-2.07%	May 2015	3.53%	Jan 2012	9.46%
Aug 2018	2.49%	Apr 2015	0.83%	Dec 2011	-2.20%
Jul 2018	3.13%	Mar 2015	-2.37%	Nov 2011	-1.68%
Jun 2018	-1.98%	Feb 2015	8.43%	Oct 2011	15.82%
May 2018	5.35%	Jan 2015	-5.79%	Sep 2011	-5.53%
Apr 2018	-1.78%	Dec 2014	-1.13%	Aug 2011	-6.38%
Mar 2018	-1.40%	Nov 2014	6.09%	Jul 2011	-4.74%
Feb 2018	-0.20%	Oct 2014	2.16%	Jun 2011	-5.34%
Jan 2018	7.86%	Sep 2014	-0.39%	May 2011	-1.32%
Dec 2017	-0.51%	Aug 2014	4.43%	Apr 2011	2.82%
Nov 2017	-0.37%	Jul 2014	-0.68%	Mar 2011	-1.73%
Oct 2017	6.92%	Jun 2014	4.72%	Feb 2011	3.20%
Sep 2017	3.58%	May 2014	4.69%	Jan 2011	3.77%
Aug 2017	2.74%	Apr 2014	-2.22%	Dec 2010	5.26%
Jul 2017	3.01%	Mar 2014	-0.20%	Nov 2010	0.51%
Jun 2017	-3.66%	Feb 2014	6.76%	Oct 2010	7.97%
May 2017	6.11%	Jan 2014	-0.63%	Sep 2010	14.16%
Apr 2017	1.92%	Dec 2013	5.50%	Aug 2010	-6.40%
Mar 2017	2.87%	Nov 2013	2.37%	Jul 2010	8.47%
Feb 2017	4.07%	Oct 2013	1.49%	Jun 2010	-6.68%
Jan 2017	7.05%	Sep 2013	6.56%	May 2010	-6.47%
Dec 2016	1.13%	Aug 2013	-0.78%	Apr 2010	2.82%
Nov 2016	2.53%	Jul 2013	7.03%	Mar 2010	6.32%
Oct 2016	0.08%	Jun 2013	-1.33%	Feb 2010	6.72%
Sep 2016	3.71%	May 2013	3.57%	Jan 2010	-9.01%
Aug 2016	5.46%	Apr 2013	0.05%	Dec 2009	9.67%
Jul 2016	7.62%	Mar 2013	2.86%	Nov 2009	4.60%
Jun 2016	-0.97%	Feb 2013	-0.12%	Oct 2009	-3.52%
May 2016	7.53%	Jan 2013	6.70%	Sep 2009	6.55%
Apr 2016	-4.67%	Dec 2012	3.25%	Aug 2009	2.86%
Mar 2016	8.84%	Nov 2012	3.59%	Jul 2009	11.02%
Feb 2016	1.08%	Oct 2012	-5.86%	Jun 2009	1.09%
Jan 2016	-7.50%	Sep 2012	0.32%	May 2009	4.34%
Dec 2015	-2.47%	Aug 2012	3.36%	Apr 2009	16.34%
Nov 2015	1.39%	Jul 2012	-0.74%	Mar 2009	14.77%
Oct 2015	10.00%	Jun 2012	3.89%	Feb 2009	-2.06%
Sep 2015	-1.47%	May 2012	-11.35%	Jan 2009	-2.11%

QUARTERLY PERFORMANCE(TR Version)

Q4 2018	-13.98%
Q3 2018	3.51%
Q2 2018	1.43%
Q1 2018	6.13%
Q4 2017	5.97%
Q3 2017	9.61%
Q2 2017	4.18%
Q1 2017	14.60%
Q4 2016	3.77%
Q3 2016	17.71%
Q2 2016	1.52%
Q1 2016	1.76%
Q4 2015	8.77%
Q3 2015	-6.74%
Q2 2015	-1.93%
Q1 2015	-0.28%
Q4 2014	7.16%
Q3 2014	3.31%
Q2 2014	7.19%
Q1 2014	5.87%
Q4 2013	9.60%
Q3 2013	13.16%
Q2 2013	2.25%
Q1 2013	9.62%
Q4 2012	0.69%
Q3 2012	2.92%
Q2 2012	-11.95%
Q1 2012	19.12%
Q4 2011	11.37%
Q3 2011	-15.75%
Q2 2011	-3.96%
Q1 2011	5.24%
Q4 2010	14.23%
Q3 2010	15.90%
Q2 2010	-10.26%
Q1 2010	3.24%
Q4 2009	10.67%
Q3 2009	21.67%
Q2 2009	22.72%
Q1 2009	10.03%

All Information as of 12/31/2018.

Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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NASDAQ GLOBAL INDEXES

1.212.231.5836

GLOBALINDEXES@NASDAQ.COM

NASDAQ LICENSING

1.212.401.8987

NASDAQLICENSING@NASDAQ.COM

INDEX DATA SALES

1.212.231.1588

GISCUSTOMERSERVICE@NASDAQ.COM

CORPORATE HEADQUARTERS | ONE LIBERTY PLAZA 165 BROADWAY NEW YORK, NY 10006

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