

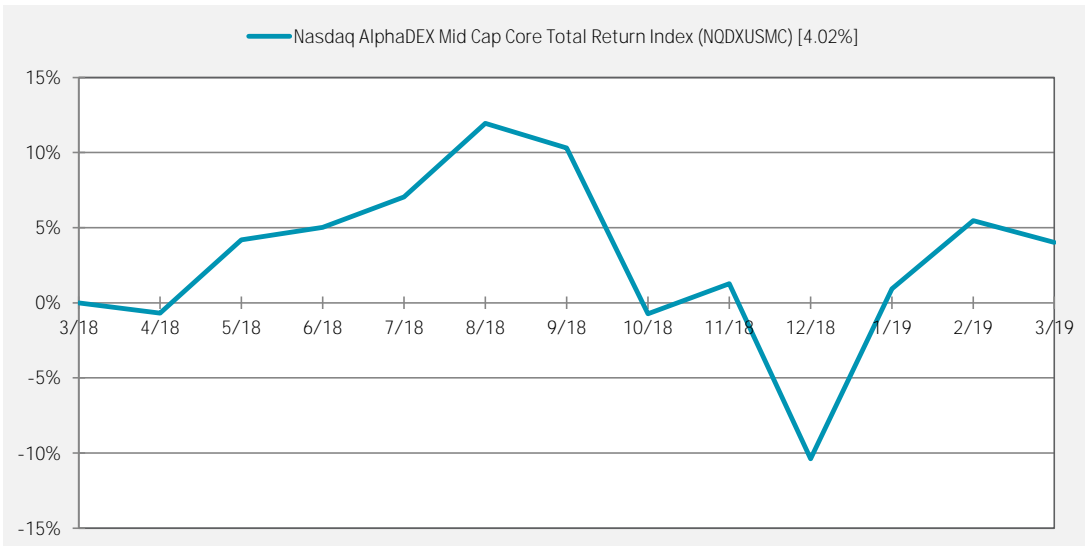


Nasdaq AlphaDEX Mid Cap Core Index

The NASDAQ AlphaDEX® US Index Family employs the AlphaDEX® stock selection methodology to select stocks from the Nasdaq US Select Index Family and the Nasdaq US Select Style Index Family. The NASDAQ AlphaDEX® US Index Family is constructed by ranking the stocks in the Index families mentioned above separately on growth and value factors.

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

1-YEAR PERFORMANCE



QUICK FACTS

Securities: 450
 Currency: USD
 History: 03/30/2001
 YTD Return: 16.07%

INDEX TICKERS

Price Return: NQDXUSMC
 Total Return: NQDXUSMC
 Net Total Return: NQDXUSMCN

TOP 10 SECURITIES BY WEIGHT

TICKER	SECURITY	WEIGHT
TWLO	TWILIO INC. CL A	0.46%
ETSY	ETSY INC COMMON STK	0.45%
NXST	NEXSTAR MEDIA CM A	0.44%
SWN	SOUTHWESTERN ENERGY	0.44%
TTD	THE TRADE DESK CL A	0.44%
PTEN	PATTERSON-UTI ENERGY	0.43%
HZNP	HORIZON PHARMA ORD	0.43%
CHGG	CHEGG; INC.	0.43%
CREE	CREE; INC.	0.43%
NSP	INSPIRITY; INC.	0.43%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Oil & Gas	3.73%	14
Basic Materials	4.24%	17
Industrials	21.31%	94
Consumer Goods	9.27%	39
Health Care	7.89%	33
Consumer Services	14.76%	59
Telecommunications	0.00%	0
Utilities	2.90%	16
Financials	26.46%	137
Technology	9.43%	41

PERFORMANCE(TR Version)

ANNUAL

1 Year	4.02%
2 Year	13.57%
3 Year	19.74%
4 Year	-7.06%
5 Year	10.51%
6 Year	26.55%
7 Year	19.01%
8 Year	1.34%
9 Year	28.48%
10 Year	73.88%

CUMULATIVE

1 Year	4.02%
2 Year	18.13%
3 Year	41.44%
4 Year	31.46%
5 Year	45.27%
6 Year	83.83%
7 Year	118.78%
8 Year	121.72%
9 Year	184.86%
10 Year	395.30%

ANNUALIZED

1 Year	4.02%
2 Year	8.69%
3 Year	12.25%
4 Year	7.08%
5 Year	7.75%
6 Year	10.68%
7 Year	11.83%
8 Year	10.46%
9 Year	12.33%
10 Year	17.35%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	17.18%
2 Year	12.65%
3 Year	13.69%
4 Year	17.34%
5 Year	13.22%
6 Year	14.35%
7 Year	15.69%
8 Year	29.58%
9 Year	20.88%
10 Year	24.34%

CUMULATIVE

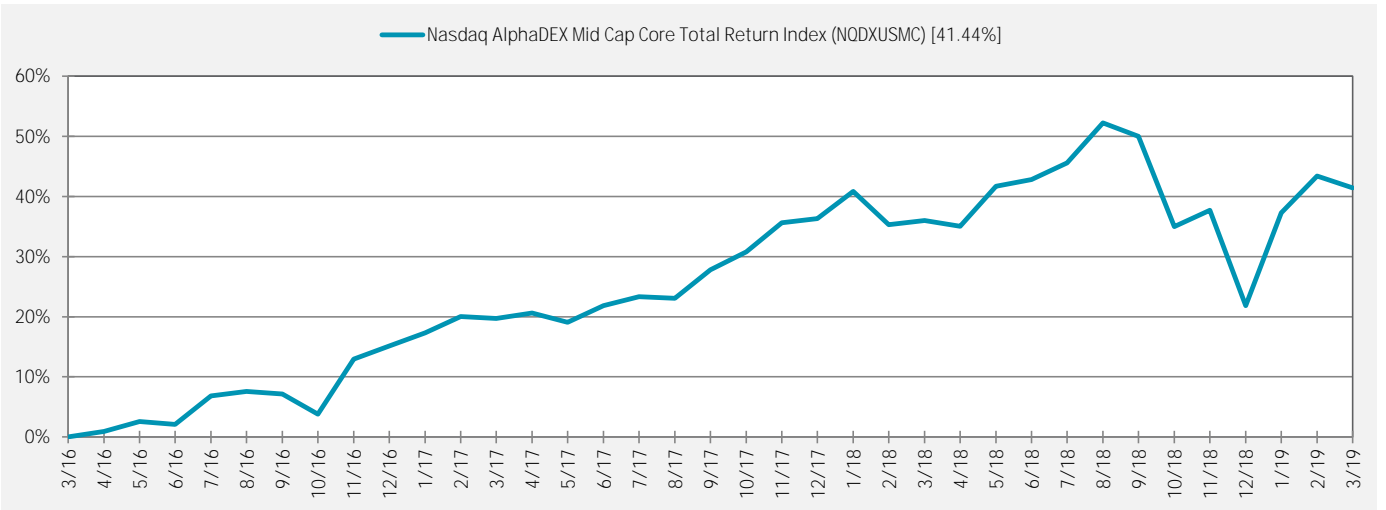
1 Year	17.18%
2 Year	14.98%
3 Year	14.55%
4 Year	15.32%
5 Year	14.91%
6 Year	14.82%
7 Year	14.94%
8 Year	17.43%
9 Year	17.84%
10 Year	18.61%

PERFORMANCE(TR Version)

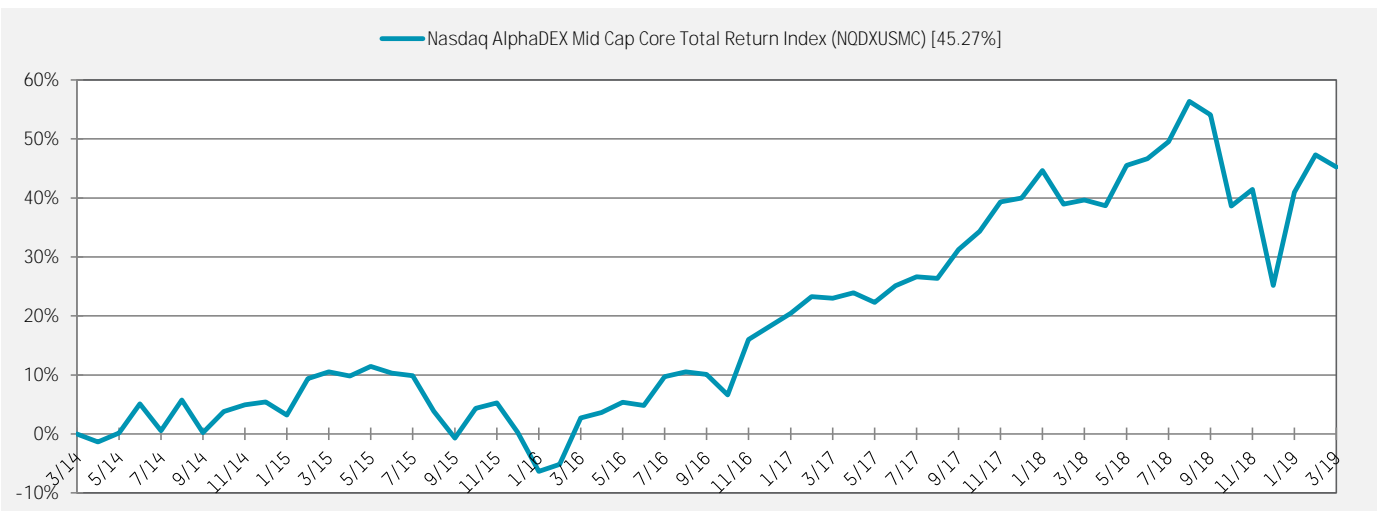
CALENDER YEAR

2019	16.07%
2018	-10.60%
2017	18.40%
2016	17.94%
2015	-4.88%
2014	8.08%
2013	40.60%
2012	17.48%
2011	-0.92%
2010	26.55%

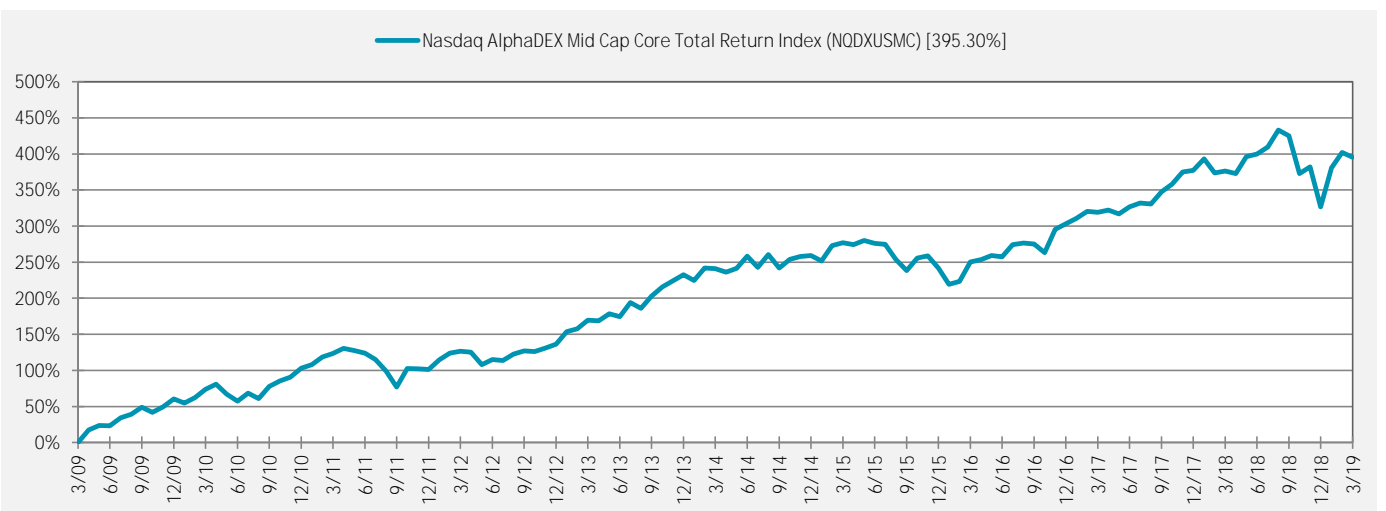
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



MONTHLY PERFORMANCE(TR Version)

Mar 2019	-1.37%
Feb 2019	4.48%
Jan 2019	12.64%
Dec 2018	-11.52%
Nov 2018	2.03%
Oct 2018	-10.01%
Sep 2018	-1.45%
Aug 2018	4.57%
Jul 2018	1.94%
Jun 2018	0.79%
May 2018	4.92%
Apr 2018	-0.70%
Mar 2018	0.50%
Feb 2018	-3.95%
Jan 2018	3.34%
Dec 2017	0.50%
Nov 2017	3.69%
Oct 2017	2.36%
Sep 2017	3.85%
Aug 2017	-0.22%
Jul 2017	1.22%
Jun 2017	2.31%
May 2017	-1.29%
Apr 2017	0.76%
Mar 2017	-0.25%
Feb 2017	2.34%
Jan 2017	1.88%
Dec 2016	1.94%
Nov 2016	8.82%
Oct 2016	-3.15%
Sep 2016	-0.39%
Aug 2016	0.70%
Jul 2016	4.67%
Jun 2016	-0.51%
May 2016	1.67%
Apr 2016	0.90%
Mar 2016	8.27%
Feb 2016	1.32%
Jan 2016	-6.61%
Dec 2015	-4.76%

Nov 2015	0.89%
Oct 2015	5.11%
Sep 2015	-4.40%
Aug 2015	-5.48%
Jul 2015	-0.40%
Jun 2015	-1.01%
May 2015	1.49%
Apr 2015	-0.64%
Mar 2015	1.05%
Feb 2015	5.96%
Jan 2015	-2.09%
Dec 2014	0.45%
Nov 2014	1.09%
Oct 2014	3.57%
Sep 2014	-5.20%
Aug 2014	5.18%
Jul 2014	-4.37%
Jun 2014	4.95%
May 2014	1.53%
Apr 2014	-1.36%
Mar 2014	-0.25%
Feb 2014	5.23%
Jan 2014	-2.31%
Dec 2013	2.54%
Nov 2013	2.64%
Oct 2013	4.37%
Sep 2013	5.82%
Aug 2013	-2.63%
Jul 2013	6.96%
Jun 2013	-1.36%
May 2013	3.68%
Apr 2013	-0.31%
Mar 2013	4.65%
Feb 2013	1.49%
Jan 2013	7.26%
Dec 2012	2.30%
Nov 2012	2.31%
Oct 2012	-0.49%
Sep 2012	2.11%
Aug 2012	3.98%

Jul 2012	-0.44%
Jun 2012	3.42%
May 2012	-7.74%
Apr 2012	-0.55%
Mar 2012	1.07%
Feb 2012	4.33%
Jan 2012	6.65%
Dec 2011	-0.51%
Nov 2011	-0.21%
Oct 2011	14.57%
Sep 2011	-11.13%
Aug 2011	-7.41%
Jul 2011	-3.87%
Jun 2011	-1.64%
May 2011	-1.24%
Apr 2011	3.12%
Mar 2011	2.30%
Feb 2011	5.10%
Jan 2011	2.26%
Dec 2010	6.63%
Nov 2010	2.90%
Oct 2010	4.06%
Sep 2010	10.66%
Aug 2010	-4.64%
Jul 2010	7.11%
Jun 2010	-5.78%
May 2010	-7.62%
Apr 2010	4.03%
Mar 2010	7.05%
Feb 2010	5.03%
Jan 2010	-3.67%
Dec 2009	7.40%
Nov 2009	5.55%
Oct 2009	-5.02%
Sep 2009	7.10%
Aug 2009	3.80%
Jul 2009	8.84%
Jun 2009	-0.37%
May 2009	5.41%
Apr 2009	17.34%

QUARTERLY PERFORMANCE(TR Version)

Q1 2019	16.07%
Q4 2018	-18.77%
Q3 2018	5.05%
Q2 2018	5.01%
Q1 2018	-0.24%
Q4 2017	6.67%
Q3 2017	4.89%
Q2 2017	1.75%
Q1 2017	4.00%
Q4 2016	7.44%
Q3 2016	4.99%
Q2 2016	2.07%
Q1 2016	2.44%
Q4 2015	0.99%
Q3 2015	-10.00%
Q2 2015	-0.18%
Q1 2015	4.84%
Q4 2014	5.17%
Q3 2014	-4.64%
Q2 2014	5.10%
Q1 2014	2.54%
Q4 2013	9.85%
Q3 2013	10.20%
Q2 2013	1.95%
Q1 2013	13.92%
Q4 2012	4.15%
Q3 2012	5.70%
Q2 2012	-5.11%
Q1 2012	12.45%
Q4 2011	13.75%
Q3 2011	-20.91%
Q2 2011	0.16%
Q1 2011	9.95%
Q4 2010	14.18%
Q3 2010	13.02%
Q2 2010	-9.45%
Q1 2010	8.30%
Q4 2009	7.67%
Q3 2009	21.00%
Q2 2009	23.23%

All Information as of 03/29/2019.

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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