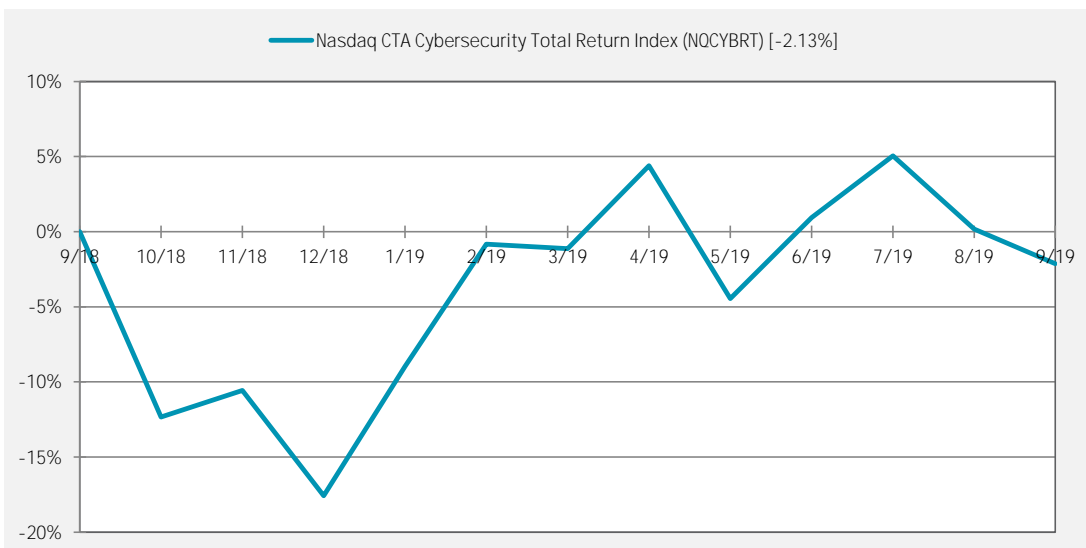


Nasdaq CTA Cybersecurity Index

The Nasdaq CTA Cybersecurity Index is designed to track the performance of companies engaged in the Cybersecurity segment of the technology and industrial sectors. The Index includes companies primarily involved in the building, implementation and management of security protocols applied to private and public networks, computers and mobile devices in order to provide protection of the integrity of data and network operations.

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

1-YEAR PERFORMANCE



QUICK FACTS

Securities: 43
 Currency: USD
 History: 09/16/2010
 YTD Return: 18.72%

INDEX TICKERS

Price Return: NQCYBR
 Total Return: NQCYBRT
 Net Total Return: NQCYBRN

TOP 10 SECURITIES BY WEIGHT

TICKER	SECURITY	WEIGHT
VMW	VMWARE; INC.	6.52%
CSCO	CISCO SYSTEMS INC	6.49%
PANW	PALO ALTO NETWORKS	6.15%
AVGO	BROADCOM INC.	6.00%
OKTA	OKTA; INC. CL A CM	4.78%
PFPT	PROOFPOINT; INC.	3.49%
FFIV	F5 NETWORKS; INC.	3.35%
JNPR	JUNIPER NETWORKS	3.28%
BA.	BAE SYSTEMS RG	3.25%
SPLK	SPLUNK INC.	3.24%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Oil & Gas	0.00%	0
Basic Materials	0.00%	0
Industrials	11.81%	6
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	88.19%	37

PERFORMANCE(TR Version)

ANNUAL

1 Year	-2.13%
2 Year	31.32%
3 Year	11.50%
4 Year	17.81%
5 Year	7.35%
6 Year	6.64%
7 Year	27.49%
8 Year	30.89%
9 Year	-13.08%

CUMULATIVE

1 Year	-2.13%
2 Year	28.52%
3 Year	43.30%
4 Year	68.82%
5 Year	81.24%
6 Year	93.28%
7 Year	146.41%
8 Year	222.52%
9 Year	180.33%

ANNUALIZED

1 Year	-2.13%
2 Year	13.37%
3 Year	12.74%
4 Year	13.99%
5 Year	12.63%
6 Year	11.61%
7 Year	13.75%
8 Year	15.76%
9 Year	12.13%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	21.72%
2 Year	14.48%
3 Year	12.06%
4 Year	19.98%
5 Year	19.53%
6 Year	17.69%
7 Year	15.24%
8 Year	26.79%
9 Year	28.05%

CUMULATIVE

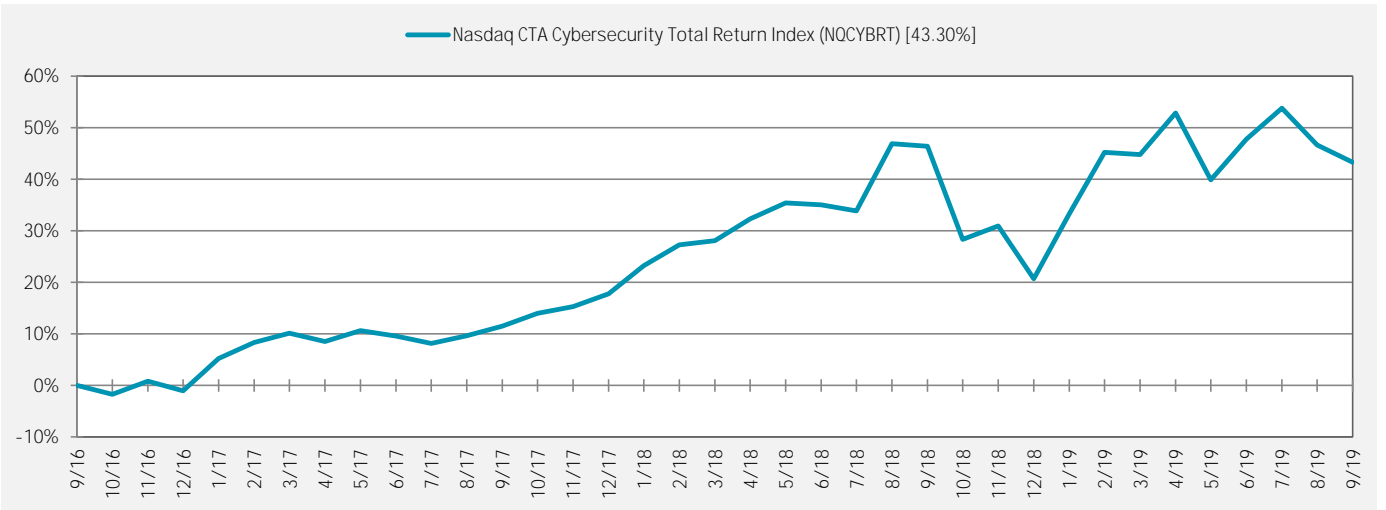
1 Year	21.72%
2 Year	18.45%
3 Year	16.59%
4 Year	17.51%
5 Year	17.92%
6 Year	17.86%
7 Year	17.51%
8 Year	18.90%
9 Year	20.09%

PERFORMANCE(TR Version)

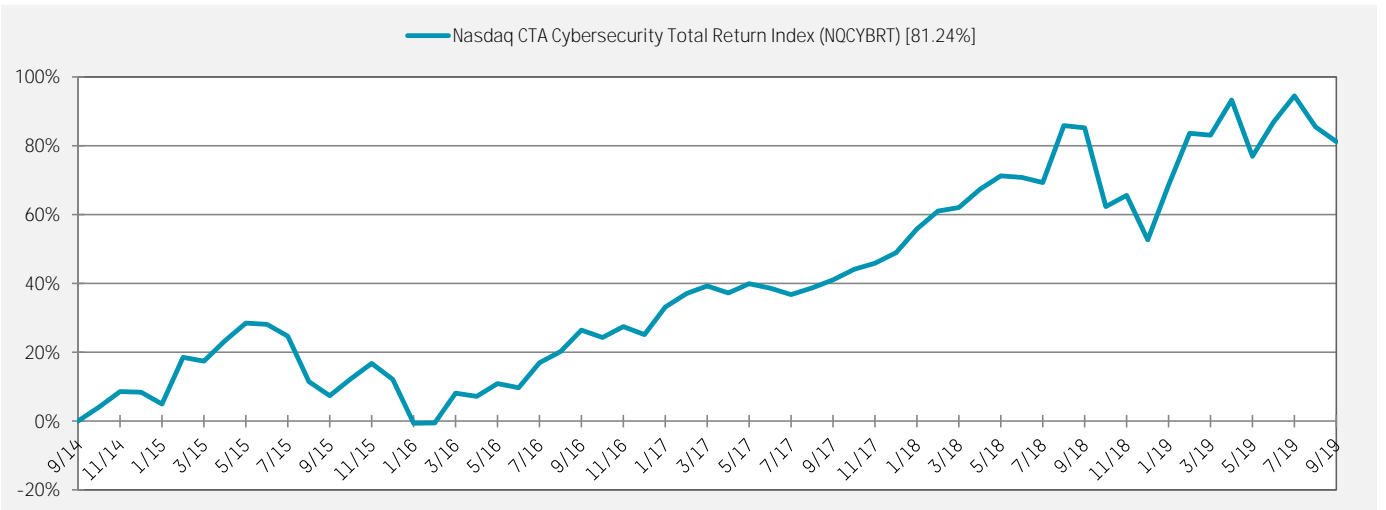
CALENDER YEAR

2019	18.72%
2018	2.48%
2017	19.01%
2016	11.64%
2015	3.43%
2014	11.74%
2013	31.26%
2012	12.15%
2011	-7.75%
2010	13.74%

3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



MONTHLY PERFORMANCE(TR Version)

Sep 2019	-2.30%
Aug 2019	-4.64%
Jul 2019	4.08%
Jun 2019	5.63%
May 2019	-8.47%
Apr 2019	5.58%
Mar 2019	-0.29%
Feb 2019	8.93%
Jan 2019	10.44%
Dec 2018	-7.82%
Nov 2018	2.02%
Oct 2018	-12.34%
Sep 2018	-0.35%
Aug 2018	9.76%
Jul 2018	-0.85%
Jun 2018	-0.30%
May 2018	2.34%
Apr 2018	3.29%
Mar 2018	0.65%
Feb 2018	3.30%
Jan 2018	4.62%
Dec 2017	2.13%
Nov 2017	1.19%
Oct 2017	2.21%
Sep 2017	1.69%
Aug 2017	1.39%
Jul 2017	-1.29%
Jun 2017	-0.96%
May 2017	1.94%
Apr 2017	-1.45%
Mar 2017	1.65%
Feb 2017	2.95%
Jan 2017	6.34%
Dec 2016	-1.81%
Nov 2016	2.55%
Oct 2016	-1.72%
Sep 2016	5.26%
Aug 2016	2.75%
Jul 2016	6.57%
Jun 2016	-1.05%

May 2016	3.43%
Apr 2016	-0.83%
Mar 2016	8.68%
Feb 2016	0.15%
Jan 2016	-11.41%
Dec 2015	-3.98%
Nov 2015	3.97%
Oct 2015	4.60%
Sep 2015	-3.65%
Aug 2015	-10.61%
Jul 2015	-2.74%
Jun 2015	-0.24%
May 2015	4.15%
Apr 2015	5.03%
Mar 2015	-0.96%
Feb 2015	13.01%
Jan 2015	-3.20%
Dec 2014	-0.16%
Nov 2014	4.32%
Oct 2014	4.06%
Sep 2014	-1.88%
Aug 2014	3.51%
Jul 2014	-2.25%
Jun 2014	4.16%
May 2014	0.27%
Apr 2014	-6.35%
Mar 2014	-3.74%
Feb 2014	4.61%
Jan 2014	5.42%
Dec 2013	4.10%
Nov 2013	0.39%
Oct 2013	-1.02%
Sep 2013	4.55%
Aug 2013	0.09%
Jul 2013	13.03%
Jun 2013	-0.32%
May 2013	4.97%
Apr 2013	-3.14%
Mar 2013	0.45%
Feb 2013	0.87%

Jan 2013	4.45%
Dec 2012	3.94%
Nov 2012	5.16%
Oct 2012	-8.07%
Sep 2012	0.80%
Aug 2012	8.65%
Jul 2012	-1.12%
Jun 2012	2.68%
May 2012	-15.25%
Apr 2012	-2.87%
Mar 2012	6.94%
Feb 2012	6.25%
Jan 2012	7.33%
Dec 2011	-3.35%
Nov 2011	-1.67%
Oct 2011	23.38%
Sep 2011	-9.95%
Aug 2011	-9.23%
Jul 2011	-9.78%
Jun 2011	-2.07%
May 2011	-3.74%
Apr 2011	3.65%
Mar 2011	-1.36%
Feb 2011	6.19%
Jan 2011	4.24%
Dec 2010	5.31%
Nov 2010	-1.22%
Oct 2010	6.21%
Sep 2010	2.94%

QUARTERLY PERFORMANCE(TR Version)

Q3 2019	-3.04%
Q2 2019	2.08%
Q1 2019	19.95%
Q4 2018	-17.57%
Q3 2018	8.44%
Q2 2018	5.39%
Q1 2018	8.78%
Q4 2017	5.63%
Q3 2017	1.76%
Q2 2017	-0.51%
Q1 2017	11.28%
Q4 2016	-1.03%
Q3 2016	15.26%
Q2 2016	1.49%
Q1 2016	-3.57%
Q4 2015	4.43%
Q3 2015	-16.23%
Q2 2015	9.13%
Q1 2015	8.34%
Q4 2014	8.39%
Q3 2014	-0.72%
Q2 2014	-2.19%
Q1 2014	6.16%
Q4 2013	3.45%
Q3 2013	18.28%
Q2 2013	1.36%
Q1 2013	5.84%
Q4 2012	0.48%
Q3 2012	8.29%
Q2 2012	-15.48%
Q1 2012	21.94%
Q4 2011	17.27%
Q3 2011	-26.25%
Q2 2011	-2.30%
Q1 2011	9.19%
Q4 2010	10.48%
Q3 2010	2.94%

All Information as of 09/30/2019.

Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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