

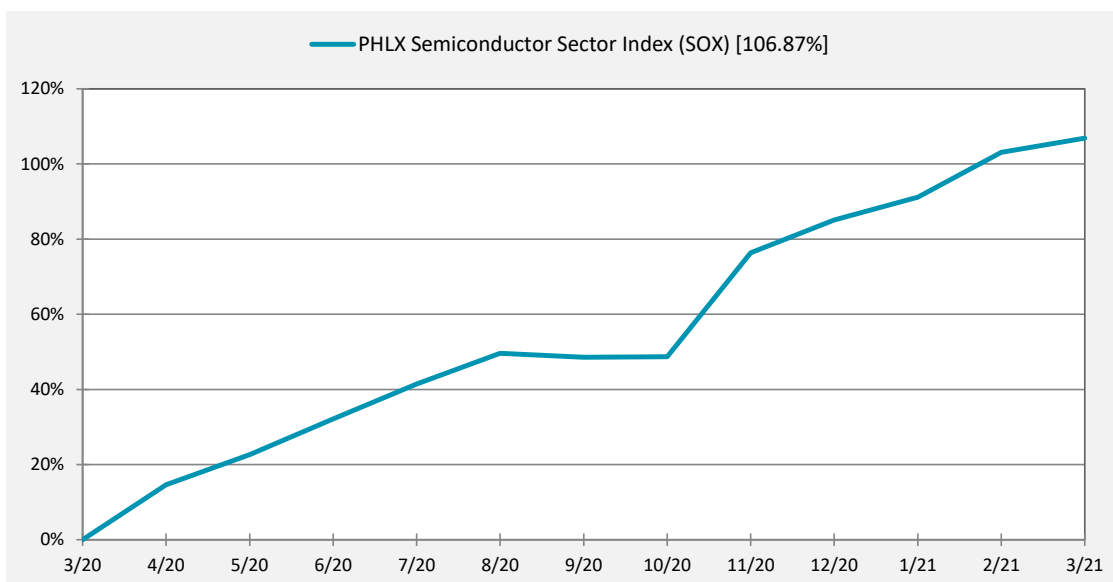
PHLX Semiconductor Sector Index

The PHLX Semiconductor Sector Index is designed to track the performance of a set of companies engaged in the design, distribution, manufacture, and sale of semiconductors.

The Index began on December 1, 1993 at a base value of 200.00 and was split two-for-one on July 24, 1995; options commenced trading on September 7, 1994.

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

1-YEAR PERFORMANCE



QUICK FACTS

Securities: 30
Currency: USD
History: 12/01/1993
YTD Return: 11.78%

INDEX TICKERS

Price Return: SOX
Total Return: XSOX
Net Total Return:

TOP 10 SECURITIES BY WEIGHT

TICKER	SECURITY	WEIGHT
TXN	TEXAS INSTRUMENTS	8.62%
INTC	INTEL CORP	8.28%
AVGO	BROADCOM INC.	7.76%
QCOM	QUALCOMM INC	7.65%
NVDA	NVIDIA CORPORATION	7.65%
AMAT	APPLIED MATERIALS	4.44%
NXPI	NXP SEMICONDUCTORS	4.33%
KLAC	KLA CP CMN STK	4.17%
LRCX	LAM RESEARCH CORP	4.12%
ASML	ASML HLDG NY REG	4.09%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Oil & Gas	0.00%	0
Basic Materials	0.00%	0
Industrials	0.87%	1
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	99.13%	29

PERFORMANCE(PR Version)

ANNUAL

1 Year	106.87%
2 Year	8.25%
3 Year	5.01%
4 Year	31.39%
5 Year	49.42%
6 Year	-2.67%
7 Year	18.53%
8 Year	34.37%
9 Year	-0.45%
10 Year	0.29%

CUMULATIVE

1 Year	106.87%
2 Year	123.93%
3 Year	135.15%
4 Year	208.97%
5 Year	361.66%
6 Year	349.32%
7 Year	432.59%
8 Year	615.65%
9 Year	612.42%
10 Year	614.50%

CUMULATIVE ANNUALIZED

1 Year	106.87%
2 Year	49.64%
3 Year	32.98%
4 Year	32.58%
5 Year	35.79%
6 Year	28.46%
7 Year	26.99%
8 Year	27.89%
9 Year	24.38%
10 Year	21.73%

ANNUALIZED VOLATILITY(PR Version)

ANNUAL

1 Year	36.26%
2 Year	42.70%
3 Year	27.86%
4 Year	22.55%
5 Year	19.41%
6 Year	24.34%
7 Year	20.20%
8 Year	17.04%
9 Year	22.27%
10 Year	31.06%

CUMULATIVE

1 Year	36.26%
2 Year	39.48%
3 Year	36.03%
4 Year	33.13%
5 Year	30.86%
6 Year	29.88%
7 Year	28.70%
8 Year	27.50%
9 Year	26.98%
10 Year	27.42%

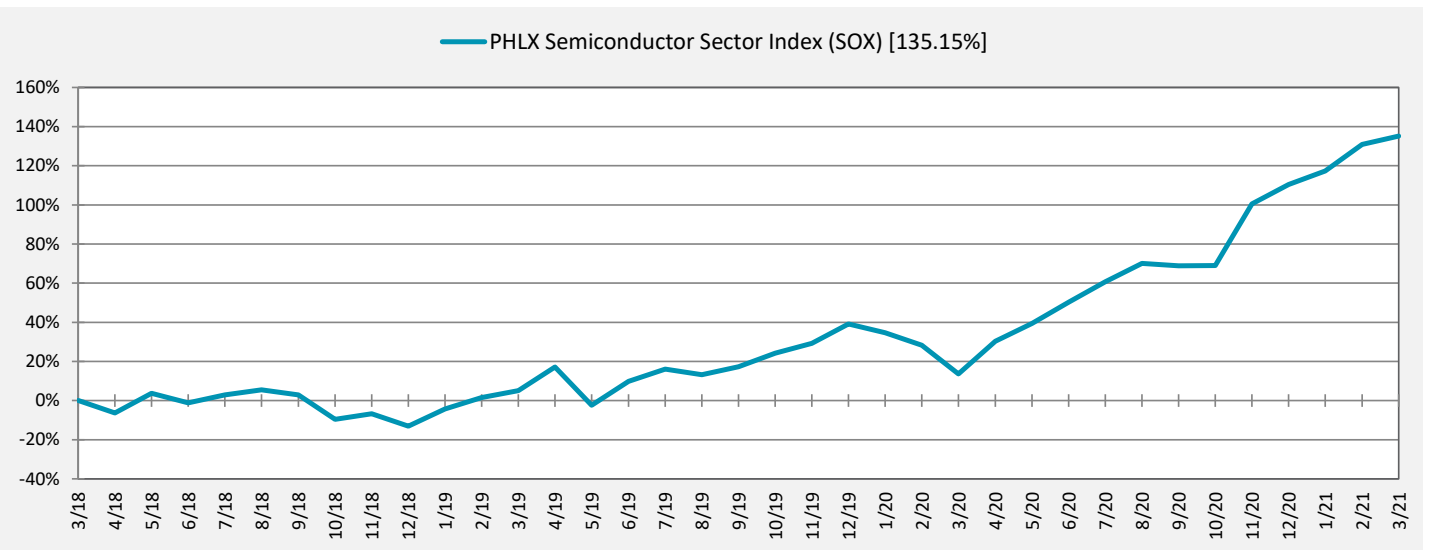
PERFORMANCE(PR Version)

CALENDER YEAR

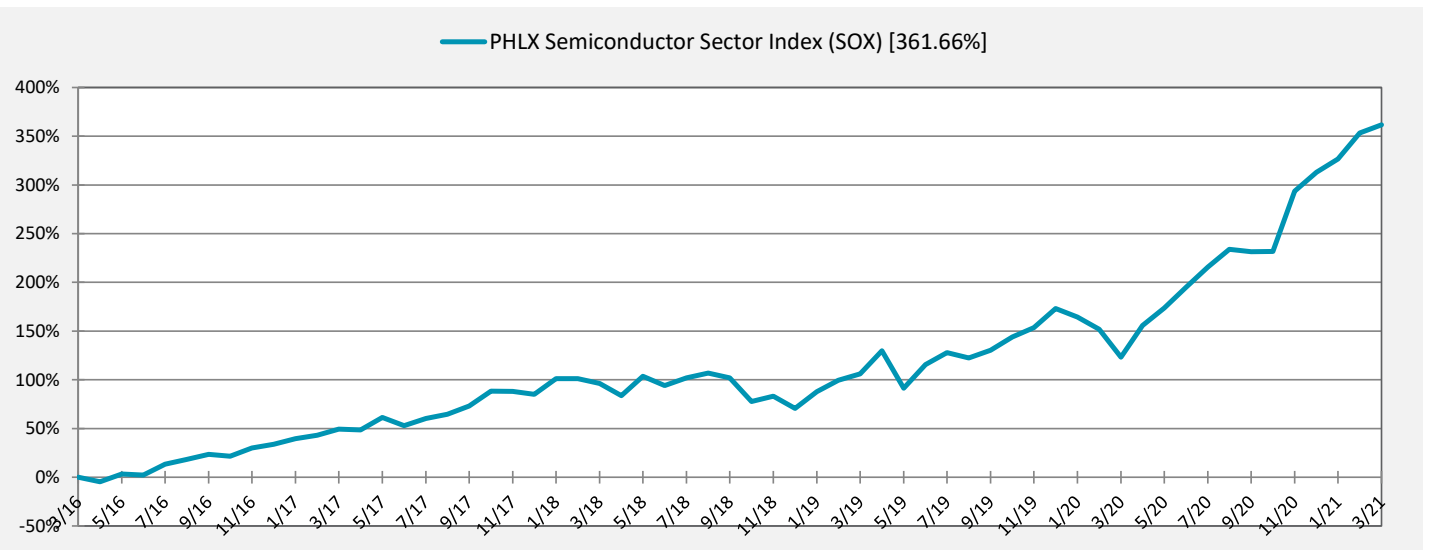
2021	11.78%
2020	51.14%
2019	60.12%
2018	-7.81%
2017	38.23%
2016	36.62%
2015	-3.41%
2014	28.38%
2013	39.31%
2012	5.38%

All Information as of 03/31/2021.

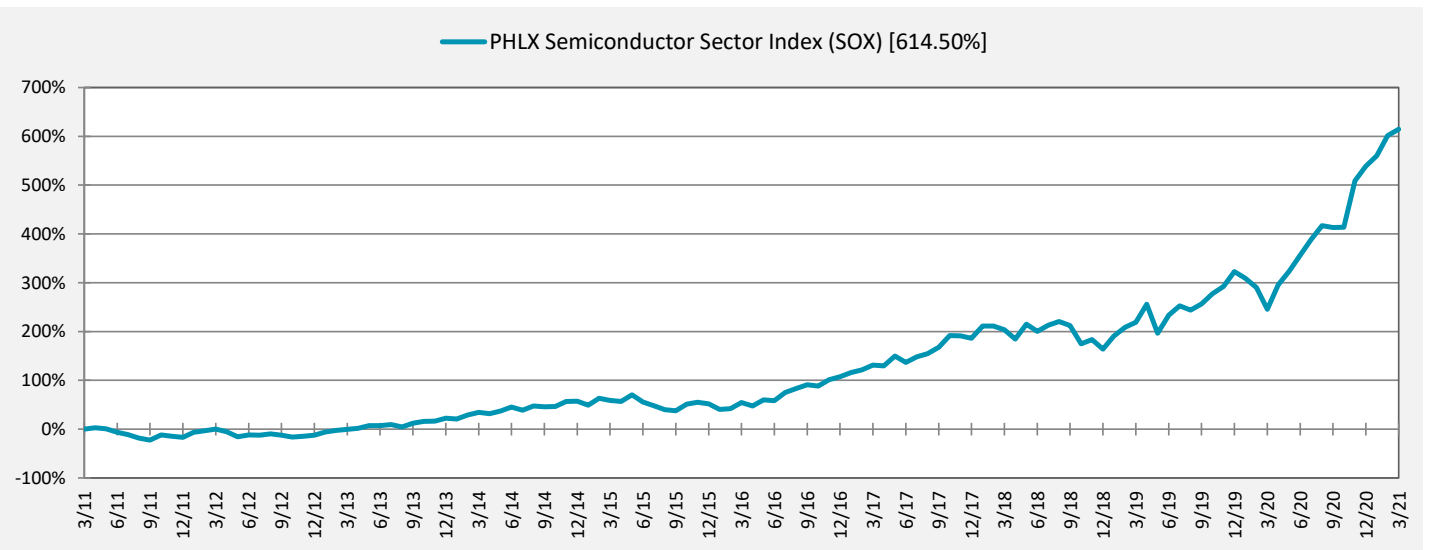
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



All Information as of 03/31/2021.

MONTHLY PERFORMANCE(PR Version)

Mar 2021	1.87%	Nov 2017	-0.24%	Jul 2014	-4.46%
Feb 2021	6.25%	Oct 2017	8.86%	Jun 2014	6.06%
Jan 2021	3.28%	Sep 2017	5.15%	May 2014	4.10%
Dec 2020	4.96%	Aug 2017	2.69%	Apr 2014	-1.84%
Nov 2020	18.58%	Jul 2017	4.85%	Mar 2014	4.06%
Oct 2020	0.09%	Jun 2017	-5.18%	Feb 2014	6.55%
Sep 2020	-0.72%	May 2017	8.54%	Jan 2014	-1.09%
Aug 2020	5.81%	Apr 2017	-0.58%	Dec 2013	4.86%
Jul 2020	7.01%	Mar 2017	4.33%	Nov 2013	0.62%
Jun 2020	7.77%	Feb 2017	2.66%	Oct 2013	3.31%
May 2020	7.00%	Jan 2017	4.17%	Sep 2013	7.24%
Apr 2020	14.61%	Dec 2016	3.07%	Aug 2013	-4.20%
Mar 2020	-11.43%	Nov 2016	6.79%	Jul 2013	2.00%
Feb 2020	-4.71%	Oct 2016	-1.45%	Jun 2013	-0.04%
Jan 2020	-3.23%	Sep 2016	4.26%	May 2013	5.46%
Dec 2019	7.73%	Aug 2016	4.53%	Apr 2013	1.76%
Nov 2019	3.97%	Jul 2016	10.86%	Mar 2013	2.35%
Oct 2019	5.93%	Jun 2016	-1.10%	Feb 2013	3.37%
Sep 2019	3.58%	May 2016	8.37%	Jan 2013	7.46%
Aug 2019	-2.43%	Apr 2016	-4.66%	Dec 2012	2.59%
Jul 2019	5.72%	Mar 2016	8.81%	Nov 2012	1.99%
Jun 2019	12.56%	Feb 2016	1.37%	Oct 2012	-3.99%
May 2019	-16.71%	Jan 2016	-7.51%	Sep 2012	-3.51%
Apr 2019	11.51%	Dec 2015	-2.02%	Aug 2012	3.25%
Mar 2019	3.36%	Nov 2015	2.21%	Jul 2012	-0.45%
Feb 2019	6.14%	Oct 2015	9.92%	Jun 2012	4.64%
Jan 2019	10.12%	Sep 2015	-1.36%	May 2012	-10.89%
Dec 2018	-6.81%	Aug 2015	-5.45%	Apr 2012	-5.76%
Nov 2018	3.10%	Jul 2015	-5.03%	Mar 2012	3.41%
Oct 2018	-12.03%	Jun 2015	-8.70%	Feb 2012	3.72%
Sep 2018	-2.46%	May 2015	8.61%	Jan 2012	12.21%
Aug 2018	2.47%	Apr 2015	-1.32%	Dec 2011	-2.38%
Jul 2018	4.09%	Mar 2015	-2.68%	Nov 2011	-3.41%
Jun 2018	-4.74%	Feb 2015	9.42%	Oct 2011	14.07%
May 2018	10.82%	Jan 2015	-4.91%	Sep 2011	-4.77%
Apr 2018	-6.36%	Dec 2014	0.16%	Aug 2011	-8.05%
Mar 2018	-2.43%	Nov 2014	7.00%	Jul 2011	-5.70%
Feb 2018	0.04%	Oct 2014	0.37%	Jun 2011	-6.65%
Jan 2018	8.65%	Sep 2014	-1.05%	May 2011	-2.22%
Dec 2017	-1.53%	Aug 2014	6.21%	Apr 2011	2.79%

QUARTERLY PERFORMANCE(PR Version)

Q1 2021	11.78%
Q4 2020	24.57%
Q3 2020	12.41%
Q2 2020	32.16%
Q1 2020	-18.33%
Q4 2019	18.66%
Q3 2019	6.84%
Q2 2019	4.55%
Q1 2019	20.81%
Q4 2018	-15.48%
Q3 2018	4.04%
Q2 2018	-1.14%
Q1 2018	6.05%
Q4 2017	6.94%
Q3 2017	13.22%
Q2 2017	2.32%
Q1 2017	11.58%
Q4 2016	8.48%
Q3 2016	20.81%
Q2 2016	2.18%
Q1 2016	2.02%
Q4 2015	10.08%
Q3 2015	-11.43%
Q2 2015	-2.15%
Q1 2015	1.25%
Q4 2014	7.58%
Q3 2014	0.40%
Q2 2014	8.38%
Q1 2014	9.66%
Q4 2013	9.01%
Q3 2013	4.78%
Q2 2013	7.28%
Q1 2013	13.70%
Q4 2012	0.47%
Q3 2012	-0.83%
Q2 2012	-12.12%
Q1 2012	20.36%
Q4 2011	7.56%
Q3 2011	-17.43%
Q2 2011	-6.18%

All Information as of 03/31/2021.

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Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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