

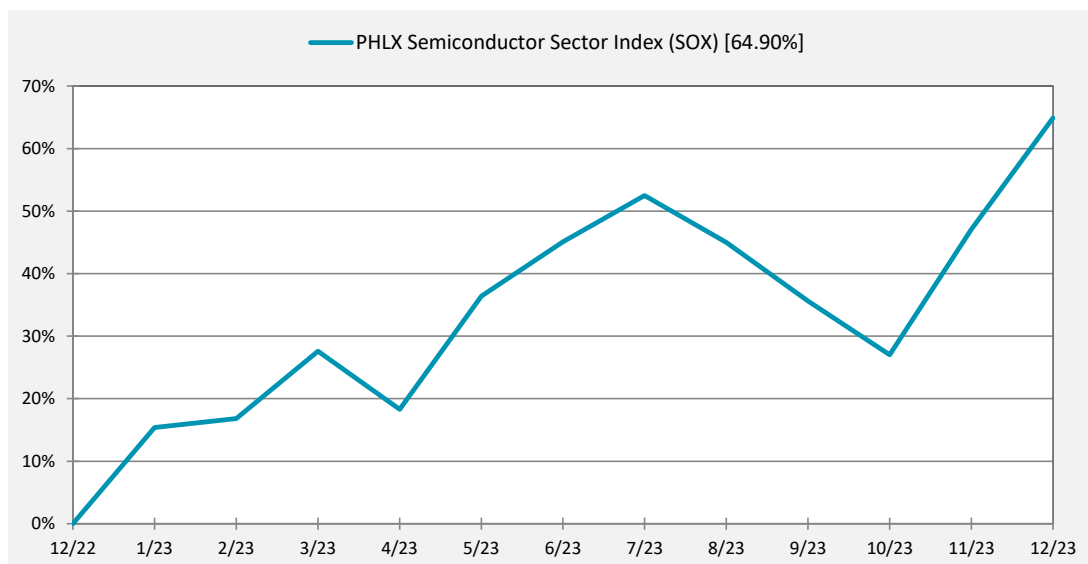
# PHLX Semiconductor Sector Index

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:** 64.90%

## INDEX TICKERS

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

## TOP 10 COMPONENTS BY WEIGHT

TICKER	NAME	WEIGHT
AMD	ADV MICRO DEVICES	8.67%
AVGO	BROADCOM INC.	8.59%
INTC	INTEL CORP	8.01%
QCOM	QUALCOMM INC	7.84%
NVDA	NVIDIA CORPORATION	7.54%
NXPI	NXP SEMICONDUCTORS	4.01%
MU	MICRON TECHNOLOGY	3.99%
TXN	TEXAS INSTRUMENTS	3.98%
ASML	ASML HLDG NY REG	3.94%
LRCX	LAM RESEARCH CORP	3.90%

All Information as of 12/29/2023.

## INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Technology	100.00%	30
Telecommunications	0.00%	0
Health Care	0.00%	0
Financials	0.00%	0
Real Estate	0.00%	0
Consumer Discretionary	0.00%	0
Consumer Staples	0.00%	0
Industrials	0.00%	0
Basic Materials	0.00%	0
Energy	0.00%	0
Utilities	0.00%	0

PERFORMANCE(PR Version)

ANNUAL

1 Year	64.90%
2 Year	-35.83%
3 Year	41.16%
4 Year	51.14%
5 Year	60.12%
6 Year	-7.81%
7 Year	38.23%
8 Year	36.62%
9 Year	-3.41%
10 Year	28.38%

CUMULATIVE

1 Year	64.90%
2 Year	5.81%
3 Year	49.36%
4 Year	125.75%
5 Year	261.46%
6 Year	233.23%
7 Year	360.63%
8 Year	529.33%
9 Year	507.90%
10 Year	680.41%

CUMULATIVE ANNUALIZED

1 Year	64.90%
2 Year	2.86%
3 Year	14.31%
4 Year	22.58%
5 Year	29.30%
6 Year	22.21%
7 Year	24.38%
8 Year	25.85%
9 Year	22.21%
10 Year	22.81%

ANNUALIZED VOLATILITY(PR Version)

ANNUAL

1 Year	28.60%
2 Year	43.74%
3 Year	30.20%
4 Year	46.97%
5 Year	26.32%
6 Year	28.13%
7 Year	17.57%
8 Year	22.80%
9 Year	22.93%
10 Year	18.76%

CUMULATIVE

1 Year	28.60%
2 Year	37.04%
3 Year	34.89%
4 Year	38.27%
5 Year	36.19%
6 Year	34.98%
7 Year	33.06%
8 Year	31.95%
9 Year	31.08%
10 Year	30.07%

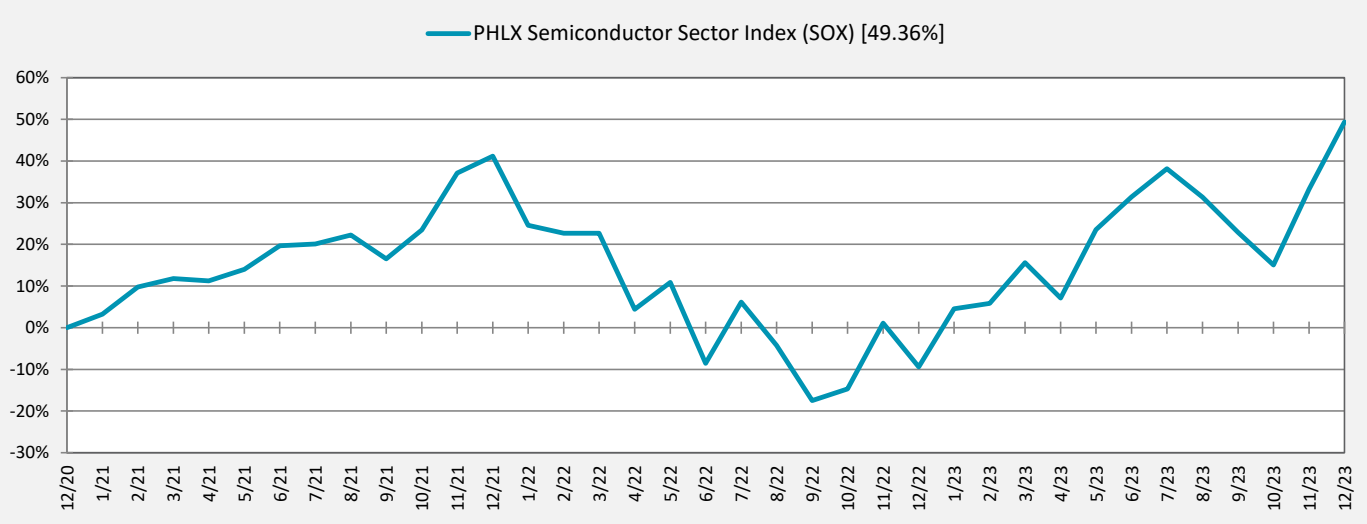
PERFORMANCE(PR Version)

CALENDER YEAR

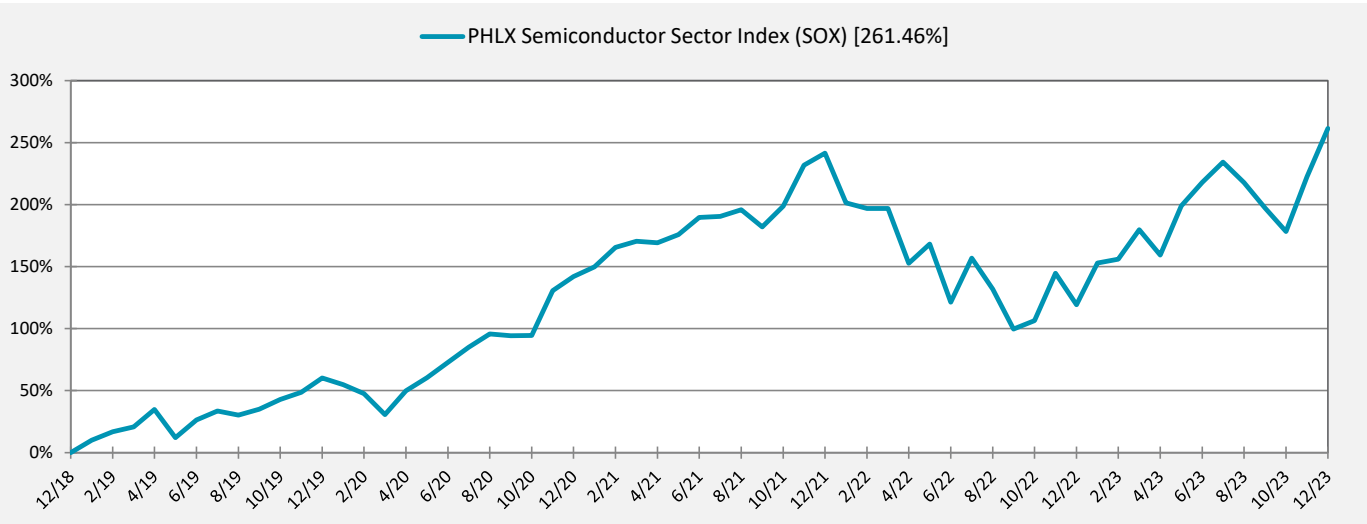
2023	64.90%
2022	-35.83%
2021	41.16%
2020	51.14%
2019	60.12%
2018	-7.81%
2017	38.23%
2016	36.62%
2015	-3.41%
2014	28.38%

All Information as of 12/29/2023.

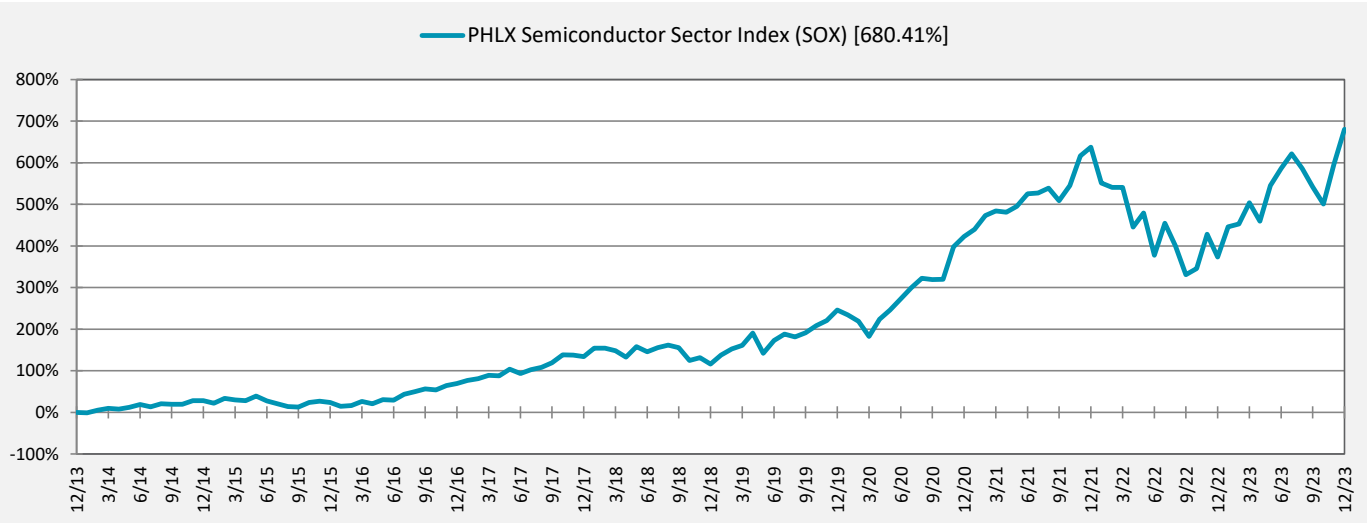
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



All Information as of 12/29/2023.

## MONTHLY PERFORMANCE(PR Version)

Dec 2023	12.11%
Nov 2023	15.82%
Oct 2023	-6.36%
Sep 2023	-6.45%
Aug 2023	-4.94%
Jul 2023	5.13%
Jun 2023	6.37%
May 2023	15.30%
Apr 2023	-7.30%
Mar 2023	9.21%
Feb 2023	1.25%
Jan 2023	15.39%
Dec 2022	-10.43%
Nov 2022	18.55%
Oct 2022	3.37%
Sep 2022	-13.85%
Aug 2022	-9.77%
Jul 2022	16.07%
Jun 2022	-17.51%
May 2022	6.13%
Apr 2022	-14.85%
Mar 2022	-0.02%
Feb 2022	-1.54%
Jan 2022	-11.73%
Dec 2021	2.95%
Nov 2021	11.07%
Oct 2021	5.93%
Sep 2021	-4.67%
Aug 2021	1.82%
Jul 2021	0.34%
Jun 2021	4.98%
May 2021	2.49%
Apr 2021	-0.51%
Mar 2021	1.87%
Feb 2021	6.25%
Jan 2021	3.28%
Dec 2020	4.96%
Nov 2020	18.58%
Oct 2020	0.09%
Sep 2020	-0.72%

Aug 2020	5.81%
Jul 2020	7.01%
Jun 2020	7.77%
May 2020	7.00%
Apr 2020	14.61%
Mar 2020	-11.43%
Feb 2020	-4.71%
Jan 2020	-3.23%
Dec 2019	7.73%
Nov 2019	3.97%
Oct 2019	5.93%
Sep 2019	3.58%
Aug 2019	-2.43%
Jul 2019	5.72%
Jun 2019	12.56%
May 2019	-16.71%
Apr 2019	11.51%
Mar 2019	3.36%
Feb 2019	6.14%
Jan 2019	10.12%
Dec 2018	-6.81%
Nov 2018	3.10%
Oct 2018	-12.03%
Sep 2018	-2.46%
Aug 2018	2.47%
Jul 2018	4.09%
Jun 2018	-4.73%
May 2018	10.82%
Apr 2018	-6.36%
Mar 2018	-2.43%
Feb 2018	0.04%
Jan 2018	8.66%
Dec 2017	-1.53%
Nov 2017	-0.24%
Oct 2017	8.86%
Sep 2017	5.15%
Aug 2017	2.69%
Jul 2017	4.85%
Jun 2017	-5.18%
May 2017	8.54%

Apr 2017	-0.58%
Mar 2017	4.33%
Feb 2017	2.66%
Jan 2017	4.17%
Dec 2016	3.07%
Nov 2016	6.79%
Oct 2016	-1.45%
Sep 2016	4.26%
Aug 2016	4.53%
Jul 2016	10.86%
Jun 2016	-1.10%
May 2016	8.37%
Apr 2016	-4.66%
Mar 2016	8.81%
Feb 2016	1.37%
Jan 2016	-7.51%
Dec 2015	-2.02%
Nov 2015	2.21%
Oct 2015	9.92%
Sep 2015	-1.36%
Aug 2015	-5.45%
Jul 2015	-5.03%
Jun 2015	-8.70%
May 2015	8.61%
Apr 2015	-1.32%
Mar 2015	-2.68%
Feb 2015	9.42%
Jan 2015	-4.91%
Dec 2014	0.16%
Nov 2014	7.00%
Oct 2014	0.37%
Sep 2014	-1.05%
Aug 2014	6.21%
Jul 2014	-4.46%
Jun 2014	6.06%
May 2014	4.10%
Apr 2014	-1.84%
Mar 2014	4.06%
Feb 2014	6.55%
Jan 2014	-1.09%

All Information as of 12/29/2023.

**QUARTERLY PERFORMANCE(PR Version)**

Q4 2023	21.58%
Q3 2023	-6.50%
Q2 2023	13.69%
Q1 2023	27.60%
Q4 2022	9.77%
Q3 2022	-9.76%
Q2 2022	-25.45%
Q1 2022	-13.11%
Q4 2021	21.12%
Q3 2021	-2.61%
Q2 2021	7.05%
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	9.67%

All Information as of 12/29/2023.

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Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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