

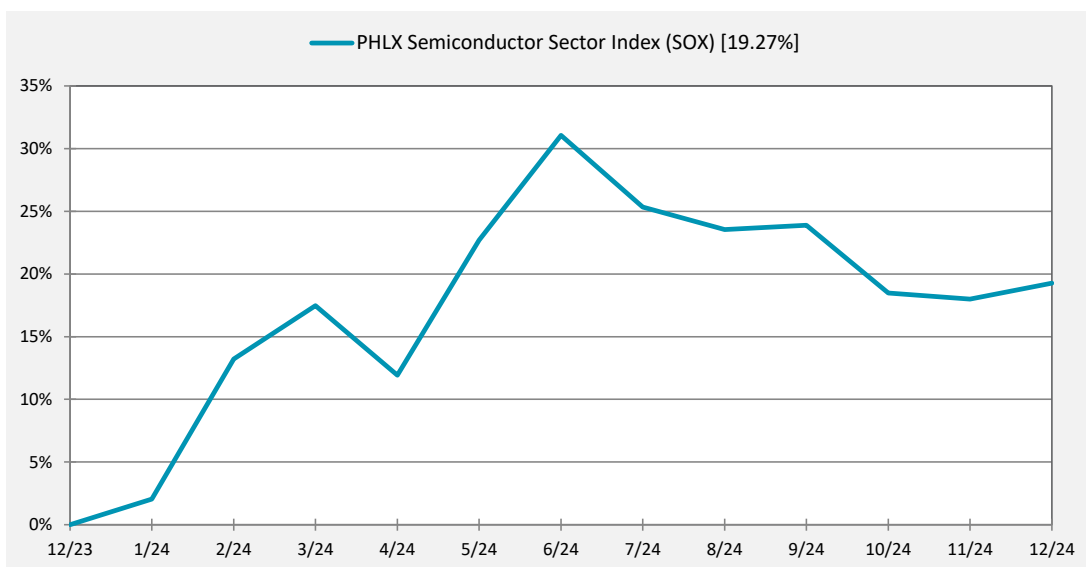
# PHLX Semiconductor Sector Index

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:** 19.27%

## INDEX TICKERS

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

## TOP 10 COMPONENTS BY WEIGHT

TICKER	NAME	WEIGHT
AVGO	BROADCOM INC.	14.21%
NVDA	NVIDIA CORPORATION	11.58%
AMD	ADV MICRO DEVICES	7.00%
MRVL	MARVELL TECH INC CMN	4.73%
TSM	TAIWAN SEMICOND ADS	4.25%
ASML	ASML HLDG NY REG	4.01%
LRCX	LAM RESEARCH CORP	3.88%
ADI	ANALOG DEVICES CMN	3.87%
KLAC	KLA CP CMN STK	3.87%
QCOM	QUALCOMM INC	3.85%

## 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

All Information as of 12/31/2024.

## PERFORMANCE(PR Version)

### ANNUAL

1 Year	19.27%
2 Year	64.90%
3 Year	-35.83%
4 Year	41.16%
5 Year	51.14%
6 Year	60.12%
7 Year	-7.81%
8 Year	38.23%
9 Year	36.62%
10 Year	-3.41%

### CUMULATIVE

1 Year	19.27%
2 Year	96.67%
3 Year	26.20%
4 Year	78.14%
5 Year	169.24%
6 Year	331.10%
7 Year	297.43%
8 Year	449.38%
9 Year	650.58%
10 Year	625.02%

### CUMULATIVE ANNUALIZED

1 Year	19.27%
2 Year	40.24%
3 Year	8.06%
4 Year	15.53%
5 Year	21.91%
6 Year	27.57%
7 Year	21.79%
8 Year	23.73%
9 Year	25.10%
10 Year	21.91%

## ANNUALIZED VOLATILITY(PR Version)

### ANNUAL

1 Year	35.27%
2 Year	28.60%
3 Year	43.74%
4 Year	30.20%
5 Year	46.97%
6 Year	26.32%
7 Year	28.13%
8 Year	17.57%
9 Year	22.80%
10 Year	22.93%

### CUMULATIVE

1 Year	35.27%
2 Year	32.10%
3 Year	36.44%
4 Year	34.97%
5 Year	37.68%
6 Year	36.03%
7 Year	35.01%
8 Year	33.34%
9 Year	32.33%
10 Year	31.52%

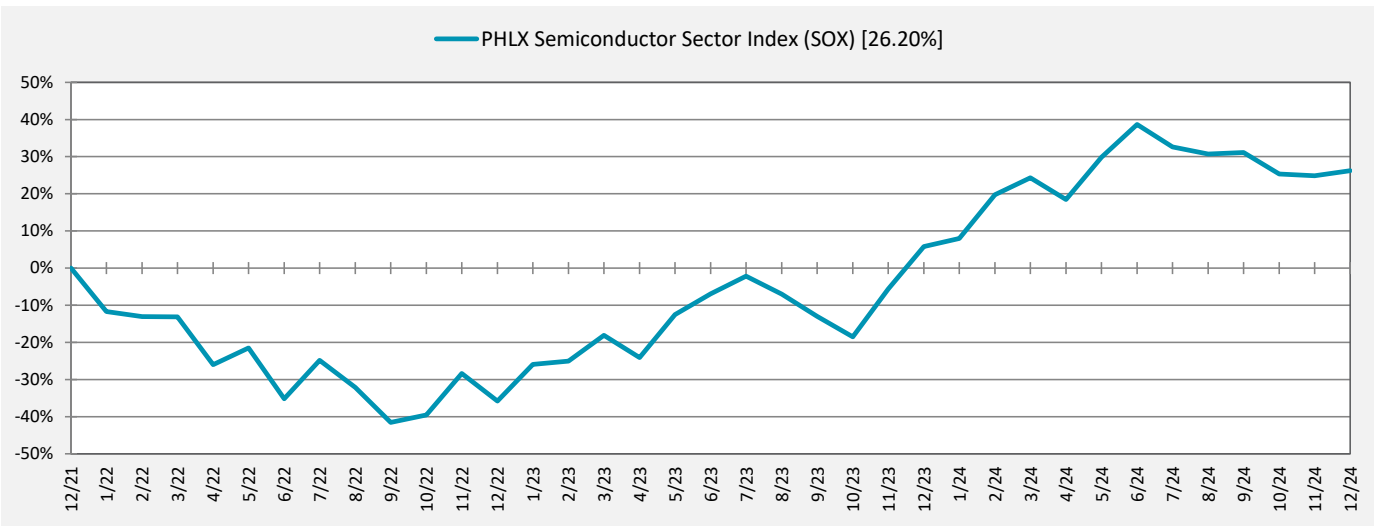
## PERFORMANCE(PR Version)

### CALENDER YEAR

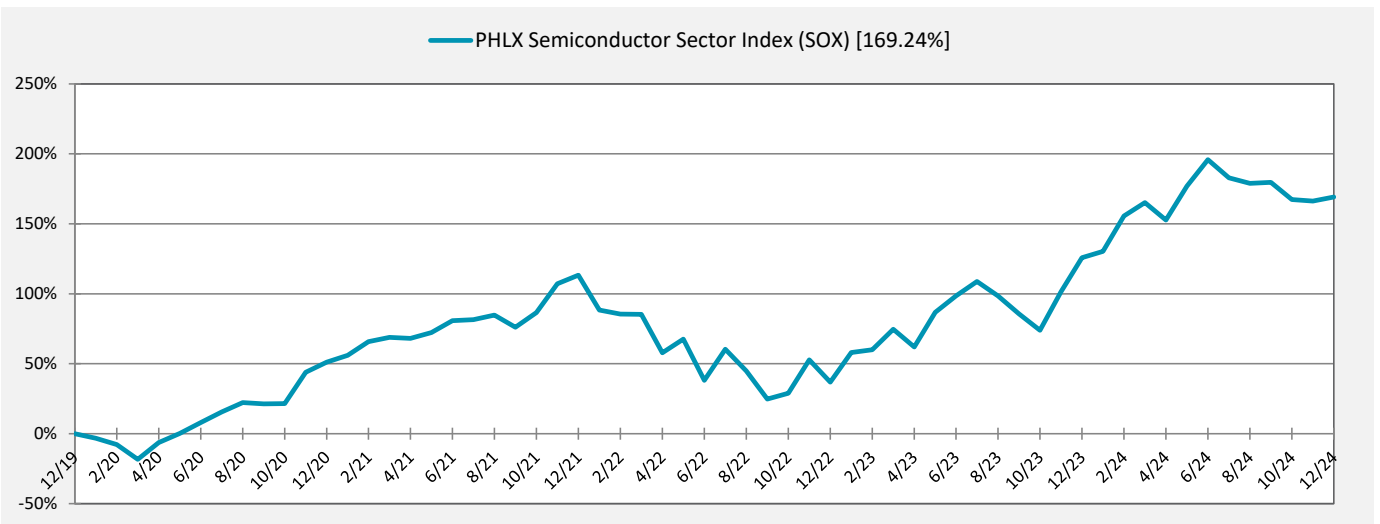
2024	19.27%
2023	64.90%
2022	-35.83%
2021	41.16%
2020	51.14%
2019	60.12%
2018	-7.81%
2017	38.23%
2016	36.62%
2015	-3.41%

All Information as of 12/31/2024.

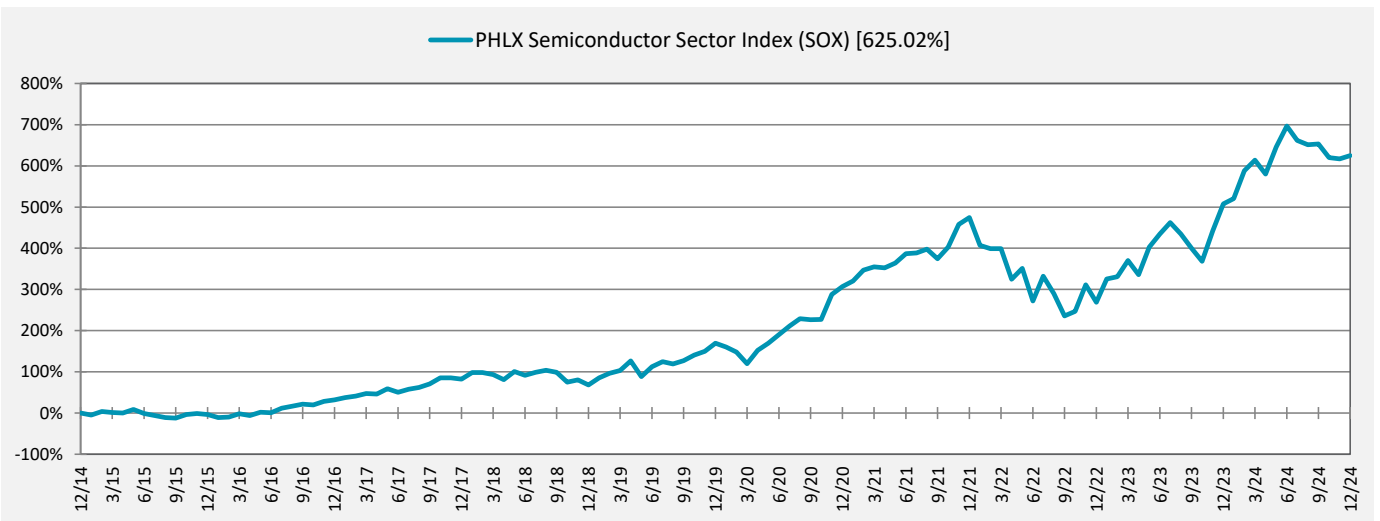
### 3-YEAR PERFORMANCE



### 5-YEAR PERFORMANCE



### 10-YEAR PERFORMANCE



All Information as of 12/31/2024.

## MONTHLY PERFORMANCE(PR Version)

Dec 2024	1.08%	Aug 2021	1.82%	Apr 2018	-6.36%
Nov 2024	-0.41%	Jul 2021	0.34%	Mar 2018	-2.43%
Oct 2024	-4.37%	Jun 2021	4.98%	Feb 2018	0.04%
Sep 2024	0.28%	May 2021	2.49%	Jan 2018	8.66%
Aug 2024	-1.42%	Apr 2021	-0.51%	Dec 2017	-1.53%
Jul 2024	-4.37%	Mar 2021	1.87%	Nov 2017	-0.24%
Jun 2024	6.81%	Feb 2021	6.25%	Oct 2017	8.86%
May 2024	9.63%	Jan 2021	3.28%	Sep 2017	5.15%
Apr 2024	-4.73%	Dec 2020	4.96%	Aug 2017	2.69%
Mar 2024	3.77%	Nov 2020	18.58%	Jul 2017	4.85%
Feb 2024	10.94%	Oct 2020	0.09%	Jun 2017	-5.18%
Jan 2024	2.05%	Sep 2020	-0.72%	May 2017	8.54%
Dec 2023	12.11%	Aug 2020	5.81%	Apr 2017	-0.58%
Nov 2023	15.82%	Jul 2020	7.01%	Mar 2017	4.33%
Oct 2023	-6.36%	Jun 2020	7.77%	Feb 2017	2.66%
Sep 2023	-6.45%	May 2020	7.00%	Jan 2017	4.17%
Aug 2023	-4.94%	Apr 2020	14.61%	Dec 2016	3.07%
Jul 2023	5.13%	Mar 2020	-11.43%	Nov 2016	6.79%
Jun 2023	6.37%	Feb 2020	-4.71%	Oct 2016	-1.45%
May 2023	15.30%	Jan 2020	-3.23%	Sep 2016	4.26%
Apr 2023	-7.30%	Dec 2019	7.73%	Aug 2016	4.53%
Mar 2023	9.21%	Nov 2019	3.97%	Jul 2016	10.86%
Feb 2023	1.25%	Oct 2019	5.93%	Jun 2016	-1.10%
Jan 2023	15.39%	Sep 2019	3.58%	May 2016	8.37%
Dec 2022	-10.43%	Aug 2019	-2.43%	Apr 2016	-4.66%
Nov 2022	18.55%	Jul 2019	5.72%	Mar 2016	8.81%
Oct 2022	3.37%	Jun 2019	12.56%	Feb 2016	1.37%
Sep 2022	-13.85%	May 2019	-16.71%	Jan 2016	-7.51%
Aug 2022	-9.77%	Apr 2019	11.51%	Dec 2015	-2.02%
Jul 2022	16.07%	Mar 2019	3.36%	Nov 2015	2.21%
Jun 2022	-17.51%	Feb 2019	6.14%	Oct 2015	9.92%
May 2022	6.13%	Jan 2019	10.12%	Sep 2015	-1.36%
Apr 2022	-14.85%	Dec 2018	-6.81%	Aug 2015	-5.45%
Mar 2022	-0.02%	Nov 2018	3.10%	Jul 2015	-5.03%
Feb 2022	-1.54%	Oct 2018	-12.03%	Jun 2015	-8.70%
Jan 2022	-11.73%	Sep 2018	-2.46%	May 2015	8.61%
Dec 2021	2.95%	Aug 2018	2.47%	Apr 2015	-1.32%
Nov 2021	11.07%	Jul 2018	4.09%	Mar 2015	-2.68%
Oct 2021	5.93%	Jun 2018	-4.73%	Feb 2015	9.42%
Sep 2021	-4.67%	May 2018	10.82%	Jan 2015	-4.91%

All Information as of 12/31/2024.

## QUARTERLY PERFORMANCE(PR Version)

Q4 2024	-3.73%
Q3 2024	-5.47%
Q2 2024	11.56%
Q1 2024	17.48%
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%

All Information as of 12/31/2024.

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Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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