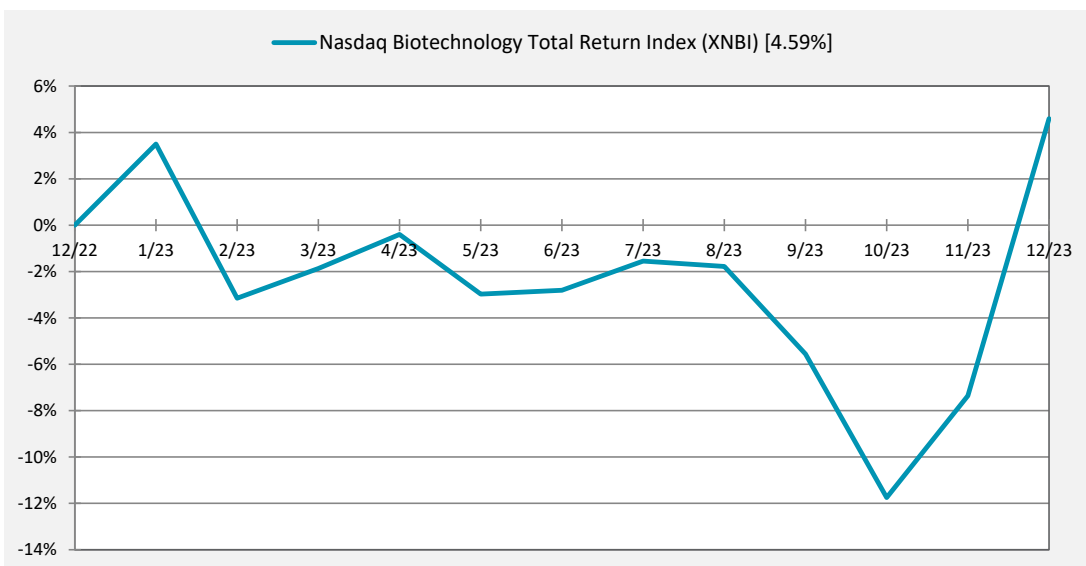


NASDAQ Biotechnology Index

The NASDAQ Biotechnology Index is designed to track the performance of a set of securities listed on The NASDAQ Stock Market® (NASDAQ®) that are classified as either biotechnology or pharmaceutical companies, and is a modified market capitalization weighted index.

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

1-YEAR PERFORMANCE



QUICK FACTS

Securities: 225
Currency: USD
History: 11/01/1993
YTD Return: 4.59%

INDEX TICKERS

Price Return: NBI
Total Return: XNBI
Net Total Return: N/A

TOP 10 COMPONENTS BY WEIGHT

TICKER	NAME	WEIGHT
VRTX	VERTEX PHARMACEUTIC	8.50%
AMGN	AMGEN	7.91%
REGN	REGENERON PHARMACEUT	7.90%
GILD	GILEAD SCIENCES INC	7.83%
MRNA	MODERNA INC CS	3.91%
BIIB	BIOGEN INC CMN	3.87%
AZN	ASTRAZENECA PLC ADS	3.86%
ALNY	ALNYLAM PHARMACEUT	2.48%
ILMN	ILLUMINA INC.	2.28%
BMRN	BIOMARIN PHARMACEUT	1.87%

All Information as of 12/29/2023.

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Technology	0.00%	0
Telecommunications	0.00%	0
Health Care	100.00%	225
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(TR Version)

ANNUAL

1 Year	4.59%
2 Year	-10.12%
3 Year	0.02%
4 Year	26.42%
5 Year	25.11%
6 Year	-8.86%
7 Year	21.63%
8 Year	-21.35%
9 Year	11.77%
10 Year	34.40%

CUMULATIVE

1 Year	4.59%
2 Year	-5.99%
3 Year	-5.97%
4 Year	18.87%
5 Year	48.72%
6 Year	35.54%
7 Year	64.86%
8 Year	29.67%
9 Year	44.92%
10 Year	94.78%

CUMULATIVE ANNUALIZED

1 Year	4.59%
2 Year	-3.04%
3 Year	-2.03%
4 Year	4.42%
5 Year	8.26%
6 Year	5.20%
7 Year	7.40%
8 Year	3.30%
9 Year	4.21%
10 Year	6.89%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	16.78%
2 Year	29.34%
3 Year	21.90%
4 Year	33.80%
5 Year	20.06%
6 Year	24.59%
7 Year	16.56%
8 Year	29.97%
9 Year	27.83%
10 Year	25.90%

CUMULATIVE

1 Year	16.78%
2 Year	23.89%
3 Year	23.23%
4 Year	26.29%
5 Year	25.16%
6 Year	25.06%
7 Year	24.03%
8 Year	24.85%
9 Year	25.19%
10 Year	25.26%

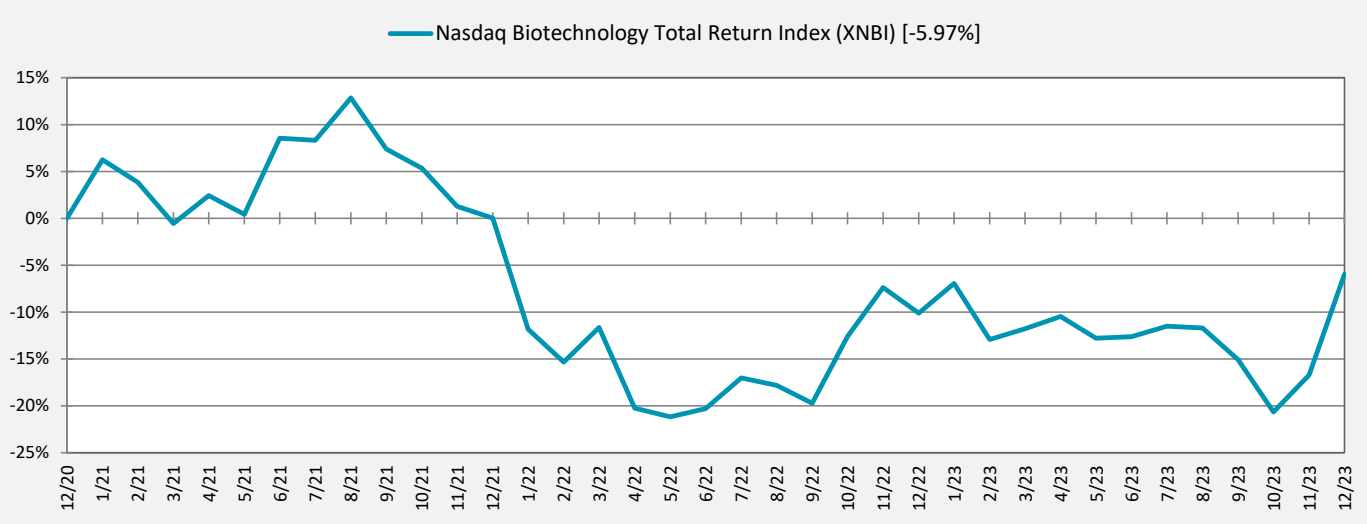
PERFORMANCE(TR Version)

CALENDER YEAR

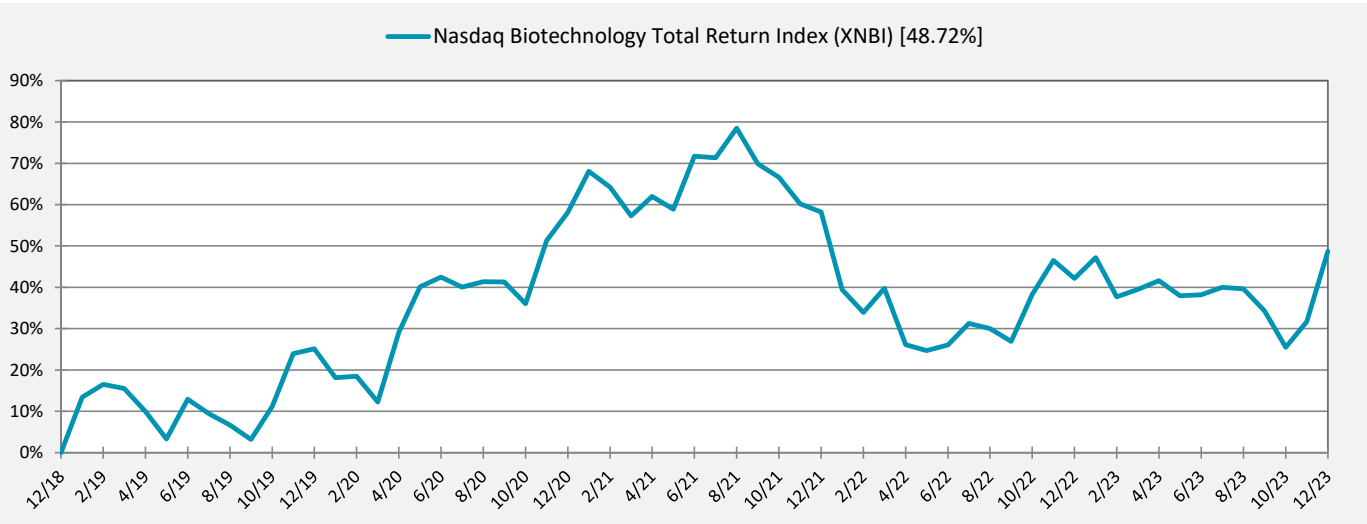
2023	4.59%
2022	-10.12%
2021	0.02%
2020	26.42%
2019	25.11%
2018	-8.86%
2017	21.63%
2016	-21.35%
2015	11.77%
2014	34.40%

All Information as of 12/29/2023.

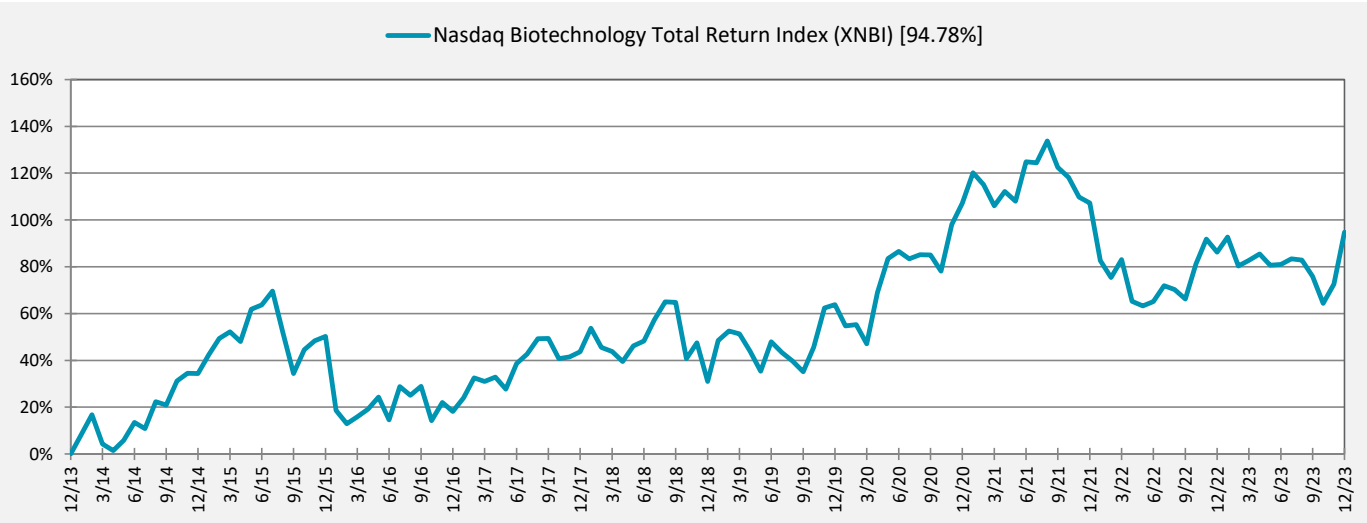
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



All Information as of 12/29/2023.

MONTHLY PERFORMANCE(TR Version)

Dec 2023	12.91%
Nov 2023	4.97%
Oct 2023	-6.56%
Sep 2023	-3.84%
Aug 2023	-0.24%
Jul 2023	1.30%
Jun 2023	0.17%
May 2023	-2.59%
Apr 2023	1.50%
Mar 2023	1.32%
Feb 2023	-6.43%
Jan 2023	3.50%
Dec 2022	-2.94%
Nov 2022	5.95%
Oct 2022	8.91%
Sep 2022	-2.35%
Aug 2022	-0.96%
Jul 2022	4.11%
Jun 2022	1.12%
May 2022	-1.16%
Apr 2022	-9.73%
Mar 2022	4.35%
Feb 2022	-3.95%
Jan 2022	-11.87%
Dec 2021	-1.23%
Nov 2021	-3.88%
Oct 2021	-1.89%
Sep 2021	-4.84%
Aug 2021	4.16%
Jul 2021	-0.20%
Jun 2021	8.08%
May 2021	-1.93%
Apr 2021	2.97%
Mar 2021	-4.22%
Feb 2021	-2.28%
Jan 2021	6.25%
Dec 2020	4.57%
Nov 2020	11.20%
Oct 2020	-3.73%
Sep 2020	-0.06%

Aug 2020	0.96%
Jul 2020	-1.70%
Jun 2020	1.68%
May 2020	8.51%
Apr 2020	15.02%
Mar 2020	-5.29%
Feb 2020	0.36%
Jan 2020	-5.60%
Dec 2019	0.92%
Nov 2019	11.50%
Oct 2019	7.73%
Sep 2019	-3.23%
Aug 2019	-2.57%
Jul 2019	-3.08%
Jun 2019	9.29%
May 2019	-6.03%
Apr 2019	-4.82%
Mar 2019	-0.81%
Feb 2019	2.73%
Jan 2019	13.40%
Dec 2018	-11.18%
Nov 2018	4.76%
Oct 2018	-14.60%
Sep 2018	-0.12%
Aug 2018	4.87%
Jul 2018	6.17%
Jun 2018	1.41%
May 2018	4.75%
Apr 2018	-2.97%
Mar 2018	-1.21%
Feb 2018	-5.30%
Jan 2018	6.96%
Dec 2017	1.53%
Nov 2017	0.60%
Oct 2017	-5.81%
Sep 2017	0.11%
Aug 2017	4.59%
Jul 2017	2.90%
Jun 2017	8.56%
May 2017	-3.89%

Apr 2017	1.48%
Mar 2017	-1.17%
Feb 2017	6.85%
Jan 2017	4.96%
Dec 2016	-3.15%
Nov 2016	6.84%
Oct 2016	-11.38%
Sep 2016	3.07%
Aug 2016	-2.93%
Jul 2016	12.43%
Jun 2016	-7.83%
May 2016	4.28%
Apr 2016	2.87%
Mar 2016	2.56%
Feb 2016	-4.81%
Jan 2016	-21.01%
Dec 2015	1.25%
Nov 2015	2.62%
Oct 2015	7.61%
Sep 2015	-11.43%
Aug 2015	-10.55%
Jul 2015	3.58%
Jun 2015	1.17%
May 2015	9.29%
Apr 2015	-2.75%
Mar 2015	1.93%
Feb 2015	4.94%
Jan 2015	5.90%
Dec 2014	-0.06%
Nov 2014	2.52%
Oct 2014	8.52%
Sep 2014	-1.16%
Aug 2014	10.31%
Jul 2014	-2.34%
Jun 2014	7.32%
May 2014	4.26%
Apr 2014	-2.69%
Mar 2014	-10.70%
Feb 2014	7.68%
Jan 2014	8.41%

All Information as of 12/29/2023.

QUARTERLY PERFORMANCE(TR Version)

Q4 2023	10.75%
Q3 2023	-2.82%
Q2 2023	-0.95%
Q1 2023	-1.87%
Q4 2022	12.01%
Q3 2022	0.69%
Q2 2022	-9.78%
Q1 2022	-11.67%
Q4 2021	-6.85%
Q3 2021	-1.08%
Q2 2021	9.15%
Q1 2021	-0.55%
Q4 2020	11.95%
Q3 2020	-0.82%
Q2 2020	26.90%
Q1 2020	-10.27%
Q4 2019	21.22%
Q3 2019	-8.62%
Q2 2019	-2.25%
Q1 2019	15.54%
Q4 2018	-20.54%
Q3 2018	11.20%
Q2 2018	3.08%
Q1 2018	0.06%
Q4 2017	-3.79%
Q3 2017	7.74%
Q2 2017	5.87%
Q1 2017	10.84%
Q4 2016	-8.31%
Q3 2016	12.50%
Q2 2016	-1.12%
Q1 2016	-22.88%
Q4 2015	11.82%
Q3 2015	-17.93%
Q2 2015	7.53%
Q1 2015	13.27%
Q4 2014	11.19%
Q3 2014	6.49%
Q2 2014	8.88%
Q1 2014	4.25%

All Information as of 12/29/2023.

All Information as of 12/29/2023.

Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

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