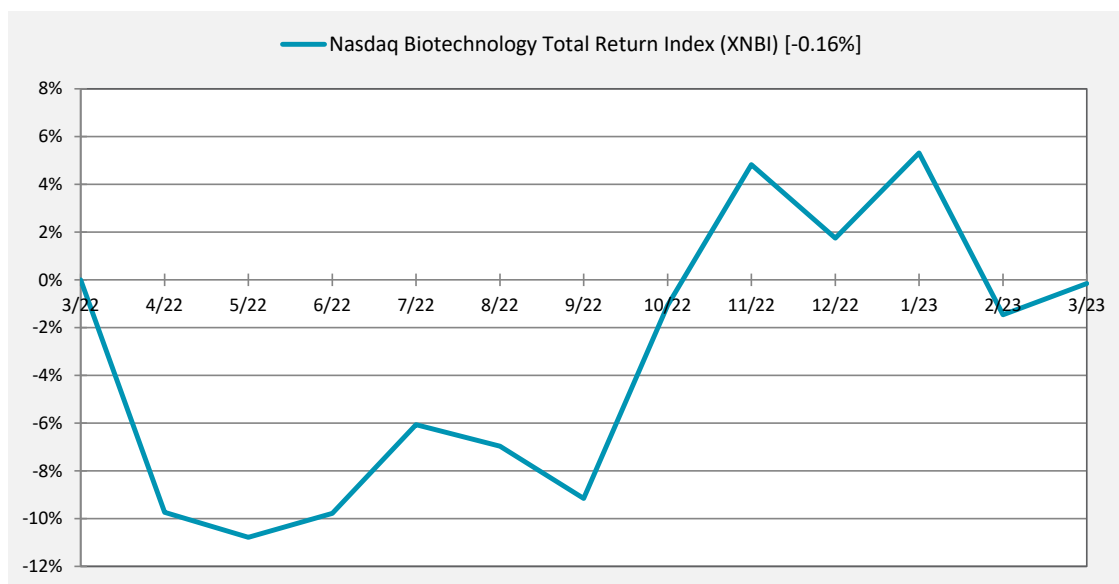


NASDAQ Biotechnology Index

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: 271
Currency: USD
History: 11/01/1993
YTD Return: -1.87%

INDEX TICKERS

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

TOP 10 COMPONENTS BY WEIGHT

TICKER	NAME	WEIGHT
REGN	REGENERON PHARMACEUT	8.30%
AMGN	AMGEN	8.25%
GILD	GILEAD SCIENCES INC	8.14%
VRTX	VERTEX PHARMACEUTIC	7.61%
MRNA	MODERNA INC CS	5.58%
AZN	ASTRAZENECA PLC ADS	3.93%
BIIB	BIOGEN INC CMN	3.78%
SGEN	SEAGEN INC. CMN STK	3.55%
ILMN	ILLUMINA INC.	3.45%
HZNP	HORIZON THRPT PB OS	2.34%

INDUSTRY BREAKDOWN

INDUSTRY	WEIGHT	SECURITIES
Technology	0.00%	0
Telecommunications	0.00%	0
Health Care	100.00%	271
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 03/31/2023.

PERFORMANCE(TR Version)

ANNUAL

1 Year	-0.16%
2 Year	-11.16%
3 Year	40.13%
4 Year	-2.84%
5 Year	5.24%
6 Year	9.81%
7 Year	13.04%
8 Year	-23.90%
9 Year	46.03%
10 Year	48.22%

CUMULATIVE

1 Year	-0.16%
2 Year	-11.30%
3 Year	24.29%
4 Year	20.75%
5 Year	27.08%
6 Year	39.54%
7 Year	57.74%
8 Year	20.04%
9 Year	75.29%
10 Year	159.81%

CUMULATIVE ANNUALIZED

1 Year	-0.16%
2 Year	-5.82%
3 Year	7.52%
4 Year	4.83%
5 Year	4.91%
6 Year	5.71%
7 Year	6.73%
8 Year	2.31%
9 Year	6.43%
10 Year	10.02%

ANNUALIZED VOLATILITY(TR Version)

ANNUAL

1 Year	27.17%
2 Year	22.38%
3 Year	27.33%
4 Year	29.03%
5 Year	24.32%
6 Year	18.42%
7 Year	25.32%
8 Year	31.48%
9 Year	24.24%
10 Year	24.28%

CUMULATIVE

1 Year	27.17%
2 Year	24.86%
3 Year	25.72%
4 Year	26.57%
5 Year	26.13%
6 Year	25.01%
7 Year	25.05%
8 Year	25.94%
9 Year	25.76%
10 Year	25.62%

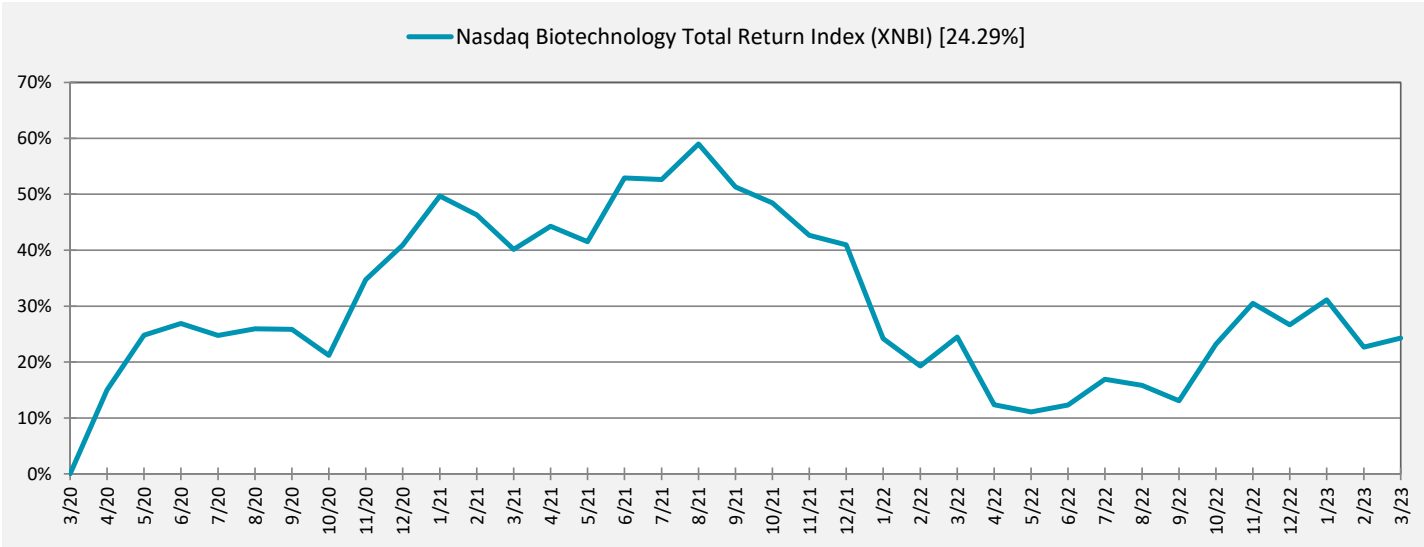
PERFORMANCE(TR Version)

CALENDER YEAR

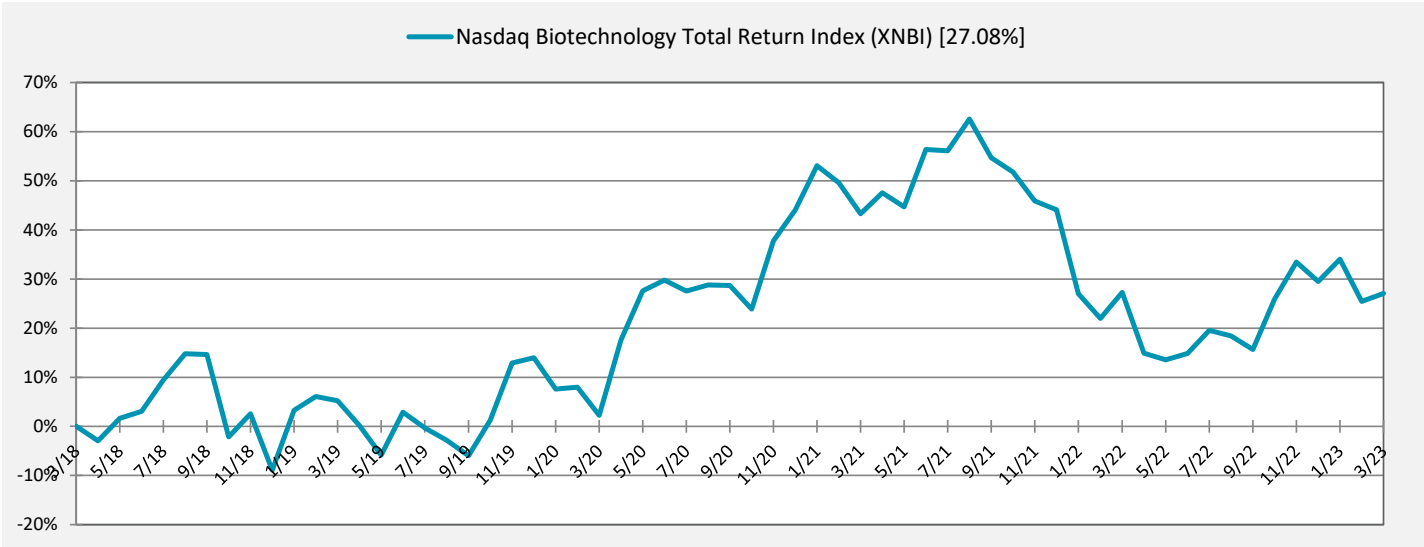
2023	-1.87%
2022	-10.12%
2021	0.02%
2020	26.42%
2019	25.11%
2018	-8.86%
2017	21.63%
2016	-21.35%
2015	11.77%
2014	34.40%

All Information as of 03/31/2023.

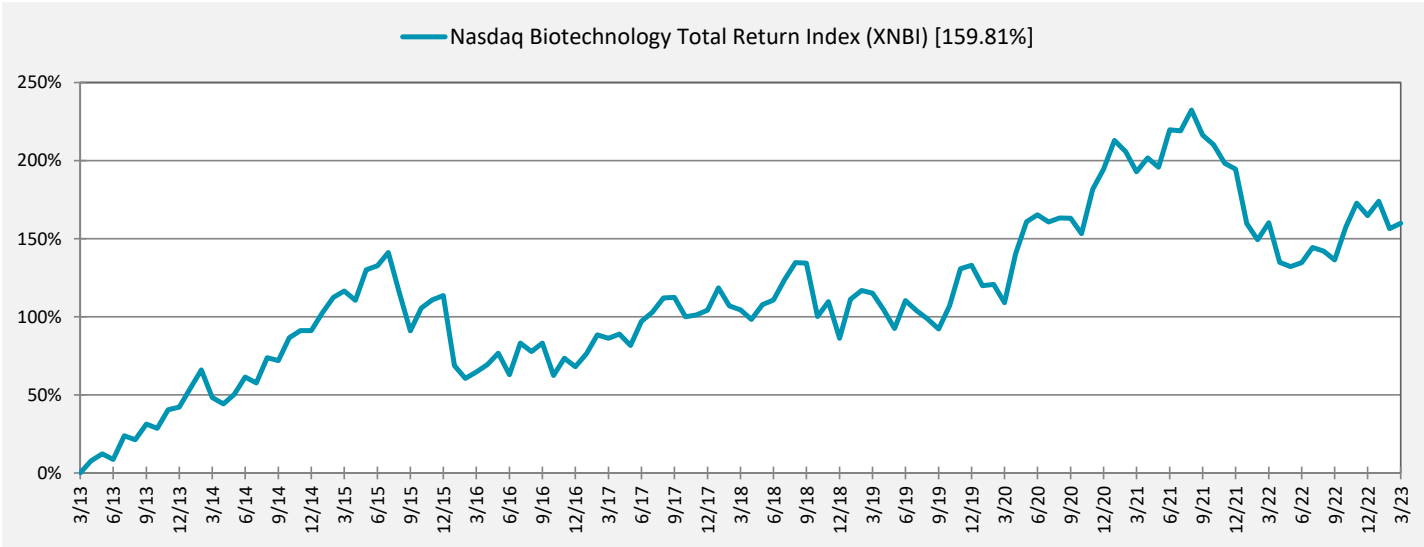
3-YEAR PERFORMANCE



5-YEAR PERFORMANCE



10-YEAR PERFORMANCE



All Information as of 03/31/2023.

MONTHLY PERFORMANCE(TR Version)

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%
Dec 2013	1.27%
Nov 2013	9.19%
Oct 2013	-2.05%
Sep 2013	8.22%
Aug 2013	-2.04%
Jul 2013	13.94%
Jun 2013	-3.14%
May 2013	4.15%
Apr 2013	7.74%

QUARTERLY PERFORMANCE(TR Version)

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%
Q4 2013	8.30%
Q3 2013	20.78%
Q2 2013	8.69%

All Information as of 03/31/2023.

All Information as of 03/31/2023.

Sources: Nasdaq Global Indexes Research. Bloomberg. FactSet.

DISCLAIMER

Nasdaq® is a registered trademark of Nasdaq, Inc. The information contained above is provided for informational and educational purposes only, and nothing contained herein should be construed as investment advice, either on behalf of a particular security or an overall investment strategy. Neither Nasdaq, Inc. nor any of its affiliates makes any recommendation to buy or sell any security or any representation about the financial condition of any company. Statements regarding Nasdaq-listed companies or Nasdaq proprietary indexes are not guarantees of future performance. Actual results may differ materially from those expressed or implied. Past performance is not indicative of future results. Investors should undertake their own due diligence and carefully evaluate companies before investing. ADVICE FROM A SECURITIES PROFESSIONAL IS STRONGLY ADVISED.

WWW.NASDAQOMX.COM/INDEXES |  [@NASDAQIndexes](https://twitter.com/NASDAQIndexes)

NASDAQ INDEX SERVICES TEAM

Toll Free Number | Calling in the U.S. +1 844 717 0708

International Callers | Non-us Callers +1 301 978 8311

IndexServices@nasdaq.com

CORPORATE HEADQUARTERS | ONE LIBERTY PLAZA 165 BROADWAY NEW YORK, NY 10006

WORLDWIDE OFFICES ARMENIA • AUSTRALIA • BELGIUM • CANADA • CHINA • DENMARK • ESTONIA • FINLAND • FRANCE • GERMANY • HONG KONG
S.A.R. CHINA • ICELAND • INDIA • ITALY • JAPAN • LATVIA • LITHUANIA • NORWAY • NETHERLANDS • PHILIPPINES • SINGAPORE •
SPAIN • STOCKHOLM • UNITED ARAB EMIRATES • UNITED KINGDOM



© 2023. Nasdaq, Inc. All Rights Reserved.