

## First Trust Nasdaq Pharmaceuticals ETF

As of 3/31/23

## » Fund Objective

This exchange-traded fund seeks investment results that correspond generally to the price and yield (before the fund's fees and expenses) of an equity index called the Nasdaq US Smart Pharmaceuticals Index™.

#### >> Fund Facts

Fund Ticker FTXH
CUSIP 33738R837
Intraday NAV FTXHIV
Fund Inception Date 9/20/16
Expense Ratio 0.60%
Rebalance Frequency Quarterly
Primary Listing Nasdaq

>> Index Facts

>>> Performance Summary (%)

Nasdaq US Benchmark Pharmaceuticals Index

Nasdag US Benchmark™ Index

Index Ticker NQSSPHT Index Inception Date 7/8/16

### » Index Description According to the Index Provider

- » The Nasdaq US Smart Pharmaceuticals Index™ is a modified factor weighted index created and administered by Nasdaq, Inc. ("Nasdaq") designed to provide exposure to US companies within the pharmaceuticals industry.
- » Nasdaq ranks eligible pharmaceutical securities from the Nasdaq US Benchmark™ Index on three factors:

1 Year

- Trailing 12-month return on assets;
- Trailing 12-month gross income;

3 Month

15.34

16.56

19.67

- Momentum: the 3-, 6-, 9-, and 12-month average price appreciation.
- The bottom 25% of eligible companies based on the aggregate score from the above factors are eliminated and the remaining stocks make up the portfolio subject to the portfolio having 30-50 stocks.
- » The securities are weighted based on their trailing 12-month cash flow subject to a maximum of 8% and minimum of 0.50%.

3 Year

0.60

0.52

1.00

5 Year

0.73

1.01

0.91

10 Year

Since Fund Inception

0.76

0.61

1.00

» The index is reconstituted and rebalanced semi-annually.

Fund Performance*											
Net Asset Value (NAV)	-4.48		-4.48	48 -0.61		11.68	5.31		_	5.29	
After Tax Held	-4.63		-4.63	-1.16		11.19	4.90		_	4.78	
After Tax Sold	-2.65		-2.65	-0.36		8.91	3.95		_	3.90	
Market Price	-4.55		-4.55	-0.46		11.67	5.29		_	5.29	
Index Performance**											
Nasdaq US Smart Pharmaceuticals Index™	-4.34		-4.34	0.07		12.38	5.99		_	5.99	
Nasdaq US Benchmark Pharmaceuticals Index	-5.67		-5.67	2.49		17.65	12.74		_	11.66	
Nasdaq US Benchmark™ Index	7.37		7.37	-8.97		18.39	10.44		_	12.01	
» Calendar Year Total Returns (%)	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD
FTXH	_	_	_	_	18.80	-8.36	22.35	10.87	6.09	2.51	-4.48
Nasdaq US Benchmark Pharmaceuticals Index	_	_	_	_	19.12	7.95	14.51	10.52	24.39	11.35	-5.67
Nasdaq US Benchmark™ Index	_	-	-	-	21.38	-5.44	31.17	21.27	25.89	-19.73	7.37
» 3-Year Statistics	Standard D	eviation (%)		Alpha		Beta		Sharpe Ra	ntio	Correla	ation

YTD

Performance data quoted represents past performance. Past performance is not a guarantee of future results and current performance may be higher or lower than performance quoted. Investment returns and principal value will fluctuate and shares when sold or redeemed, may be worth more or less than their original cost. You can obtain performance information which is current through the most recent month-end by visiting www.ftportfolios.com.

0.61

7.43

<sup>\*\*</sup>Performance information for each listed index is for illustrative purposes only and does not represent actual fund performance. Indexes do not charge management fees or brokerage expenses, and no such fees or expenses were deducted from the performance shown. Indexes are unmanaged and an investor cannot invest directly in an index.



<sup>^</sup>The Investment Advisor has implemented fee breakpoints, which reduce the fund's investment management fee at certain assets levels. Please see the fund's SAI for full details.

<sup>\*</sup>NAV returns are based on the fund's net asset value which represents the fund's net assets (assets less liabilities) divided by the fund's outstanding shares. After Tax Held returns represent return after taxes on distributions. Assumes shares have not been sold. After Tax Sold returns represent the return after taxes on distributions and the sale of fund shares. Returns do not represent the returns you would receive if you traded shares at other times. Market Price returns are determined by using the midpoint of the national best bid offer price ("NBBO") as of the time that the fund's NAV is calculated. Returns are average annualized total returns, except those for periods of less than one year, which are cumulative. After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on the investor's tax situation and may differ from those shown. The after-tax returns shown are not relevant to investors who hold their fund shares through tax-deferred arrangements such as 401(k) plans or individual retirement accounts.

# First Trust Nasdaq Pharmaceuticals ETF

#### >> Portfolio Information

Number Of Holdings	49
Maximum Market Cap.	\$405.11 Billion
Median Market Cap.	\$9.78 Billion
Minimum Market Cap.	\$1.95 Billion
Price/Earnings	15.25
Price/Book	3.53
Price/Cash Flow	10.84
Price/Sales	1.52

### >> Top Holdings (%)

AbbVie, Inc. 7.40 Johnson & Johnson 7.23 Pfizer, Inc. 7.19 Bristol-Myers Squibb Company 7.18 Merck & Co., Inc. 7.16 Moderna, Inc. 3.95 Eli Lilly and Company 3.94 Vertex Pharmaceuticals, Inc. 3.88 Regeneron Pharmaceuticals, Inc. 3.86 Amgen Inc. 3.73		
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Bristol-Myers Squibb Company 7.18 Merck & Co., Inc. 7.16 Moderna, Inc. 3.95 Eli Lilly and Company 3.94 Vertex Pharmaceuticals, Inc. 3.88 Regeneron Pharmaceuticals, Inc. 3.86	Johnson & Johnson	7.23
Merck & Co., Inc.7.16Moderna, Inc.3.95Eli Lilly and Company3.94Vertex Pharmaceuticals, Inc.3.88Regeneron Pharmaceuticals, Inc.3.86	Pfizer, Inc.	7.19
Moderna, Inc. 3.95 Eli Lilly and Company 3.94 Vertex Pharmaceuticals, Inc. 3.88 Regeneron Pharmaceuticals, Inc. 3.86	Bristol-Myers Squibb Company	7.18
Eli Lilly and Company 3.94 Vertex Pharmaceuticals, Inc. 3.88 Regeneron Pharmaceuticals, Inc. 3.86	Merck & Co., Inc.	7.16
Vertex Pharmaceuticals, Inc. 3.88 Regeneron Pharmaceuticals, Inc. 3.86	Moderna, Inc.	3.95
Regeneron Pharmaceuticals, Inc. 3.86	Eli Lilly and Company	3.94
	Vertex Pharmaceuticals, Inc.	3.88
Amgen Inc. 3.73	Regeneron Pharmaceuticals, Inc.	3.86
	Amgen Inc.	3.73

You should consider the fund's investment objectives, risks, and charges and expenses carefully before investing. Contact First Trust Portfolios L.P. at 1-800-621-1675 or visit www.ftportfolios.com to obtain a prospectus or summary prospectus which contains this and other information about the fund. The prospectus or summary prospectus should be read carefully before investing.

### **Risk Considerations**

You could lose money by investing in a fund. An investment in a fund is not a deposit of a bank and is not insured or guaranteed. There can be no assurance that a fund's objective(s) will be achieved. Investors buying or selling shares on the secondary market may incur customary brokerage commissions. Please refer to each fund's prospectus and SAI for additional details on a fund's risks. The order of the below risk factors does not indicate the significance of any particular risk factor.

Unlike mutual funds, shares of the fund may only be redeemed directly from a fund by authorized participants in very large creation/redemption units. If a fund's authorized participants are unable to proceed with creation/redemption orders and no other authorized participant is able to step forward to create or redeem, fund shares may trade at a premium or discount to a fund's net asset value and possibly face delisting and the bid/ask spread may widen.

A fund is susceptible to operational risks through breaches in cyber security. Such events could cause a fund to incur regulatory penalties, reputational damage, additional compliance costs associated with corrective measures and/or financial loss.

Companies that issue dividend-paying securities are not required to continue to pay dividends on such securities. Therefore, there is a possibility that such companies could reduce or eliminate the payment of dividends in the

Equity securities may decline significantly in price over short or extended periods of time, and such declines may occur in the equity market as a whole, or they may occur in only a particular country, company, industry or sector

Stocks with growth characteristics tend to be more volatile than certain other stocks and their prices may fluctuate more dramatically than the overall stock market.

Health care companies may be affected by government regulations and government health care programs, increases or decreases in the cost of medical products and services and product liability claims, among other factors. Many health care companies are heavily dependent on patent protection, and the expiration of a company's patent may adversely affect that company's profitability. Health care companies are also subject to competitive forces that may result in price discounting, may be thinly capitalized and susceptible to product obsolescence.

A fund may be a constituent of one or more indices or models which could greatly affect a fund's trading activity, size and volatility.

There is no assurance that the index provider or its agents will compile or maintain the index accurately. Losses or costs associated with any index provider errors generally will be borne by a fund and its shareholders.

A portfolio comprised of low volatility stocks may not produce investment exposure that has lower variability to changes in such stocks' price levels. Low volatility stocks are likely to underperform the broader market during periods of rapidly rising stock prices.

Market risk is the risk that a particular security, or shares of a fund in general may fall in value. Securities are subject to market fluctuations caused by such factors as general economic conditions, political events, regulatory or market developments, changes in interest rates and perceived trends in securities prices. Shares of a fund could decline in value or underperform other investments as a result. In addition, local, regional or global events such as war, acts of terrorism, spread of infectious disease or other public health issues, recessions, natural disasters or other events could have significant negative impact on a fund. In February 2022, Russia invaded Ukraine which has caused and could continue to cause significant market disruptions and volatility within the markets in Russia, Europe, and the United States. The hostilities and sanctions resulting from those hostilities could have a significant impact on certain fund investments as well as fund performance. The COVID-19 global pandemic and the ensuing policies enacted by governments and central banks have caused and may continue to cause significant volatility and uncertainty in global financial markets. While vaccines have been developed, there is no guarantee that vaccines will be effective against future variants of the disease. Recent and potential future bank failures could result in disruption to the broader banking industry or markets generally and reduce confidence in financial institutions and the economy as a whole, which may also heighten market volatility and reduce liquidity.

A fund faces numerous market trading risks, including the potential lack of an active market for fund shares due to a limited number of market makers. Decisions by market makers or authorized participants to reduce their role or step away in times of market stress could inhibit the effectiveness of the arbitrage process in maintaining the relationship between the underlying values of a fund's portfolio securities and a fund's market price.

An index fund's return may not match the return of the index for a number of reasons including operating expenses, costs of buying and selling securities to reflect changes in the index, and the fact that a fund's portfolio

holdings may not exactly replicate the index.

A fund classified as "non-diversified" may invest a relatively high percentage of its assets in a limited number of issuers. As a result, a fund may be more susceptible to a single adverse economic or regulatory occurrence affecting one or more of these issuers, experience increased volatility and be highly concentrated in certain issuers. A fund and a fund's advisor may seek to reduce various operational risks through controls and procedures, but it is not possible to completely protect against such risks. The fund also relies on third parties for a range of services, including custody, and any delay or failure related to those services may affect the fund's ability to meet its objective.

A fund that invests in securities included in or representative of an index will hold those securities regardless of investment merit and the fund generally will not take defensive positions in declining markets.

Pharmaceutical companies are subject to changing government regulation which could have a negative effect on the price, profitability and availability of their products and services. Regulations have been proposed to increase the availability and affordability of prescription drugs including proposals to increase access to generic drugs and to increase the rebates paid by drug manufacturers in exchange for Medicaid coverage of their products. Whether such proposals will be adopted cannot be predicted. In addition, such companies face increasing competition from existing generic drugs, the termination of their patent protection for certain drugs and technological advances which render their products or services obsolete. The research and development costs required to bring a drug to market are substantial and may include a lengthy review by the government, with no guarantee that the product will ever be brought to market or show a profit. In addition, the potential for an increased amount of required disclosure of proprietary scientific information could negatively impact the competitive position of these companies. Many of these companies may not offer certain drugs or products for several years, and as a result, may have significant losses of revenue and earnings.

High portfolio turnover may result in higher levels of transaction costs and may generate greater tax liabilities for shareholders.

The market price of a fund's shares will generally fluctuate in accordance with changes in the fund's net asset value ("NAV") as well as the relative supply of and demand for shares on the exchange, and a fund's investment advisor cannot predict whether shares will trade below, at or above their NAV.

A fund with significant exposure to a single asset class, country, region, industry, or sector may be more affected by an adverse economic or political development than a broadly diversified fund.

Securities of small- and mid-capitalization companies may experience greater price volatility and be less liquid than larger, more established companies.

Trading on an exchange may be halted due to market conditions or other reasons. There can be no assurance that a fund's requirements to maintain the exchange listing will continue to be met or be unchanged.

Value characteristics of a stock may not be fully recognized for a long time or a stock judged to be undervalued may actually be appropriately priced at a low level.

First Trust Advisors L.P. is the adviser to the fund. First Trust Advisors L.P. is an affiliate of First Trust Portfolios L.P., the fund's distributor.

The information presented is not intended to constitute an investment recommendation for, or advice to, any specific person. By providing this information, First Trust is not undertaking to give advice in any fiduciary capacity within the meaning of ERISA, the Internal Revenue Code or any other regulatory framework. Financial professionals are responsible for evaluating investment risks independently and for exercising independent judgment in determining whether investments are appropriate for their clients.

### **Definitions**

Standard Deviation is a measure of price variability (risk). Alpha is an indication of how much an investment outperforms or underperforms on a risk-adjusted basis relative to its benchmark. Beta is a measure of price variability relative to the market. Sharpe Ratio is a measure of excess reward per unit of volatility. Correlation is a measure of the similarity of performance. The Nasdaq US Benchmark Pharmaceuticals Index is a float adjusted market capitalization-weighted index which includes securities in the US Benchmark Index that are classified in the Pharmaceuticals Subsector according to the Industry Classification Benchmark. The Nasdaq US Benchmark Index is a float adjusted market capitalization-weighted index designed to track the performance of securities assigned to the United States.

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