John Hancock.

# Vanguard 500 Index Fund (Admiral Shares)

AS OF 2024-06-30

**INVESTMENT STRATEGY:** The investment seeks to track the performance of the Standard & Poor's 500 Index that measures the investment return of large-capitalization stocks. The fund employs an indexing investment approach designed to track the performance of the Standard & Poor's 500 Index, a widely recognized benchmark of U.S. stock market performance that is dominated by the stocks of large U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

Fund Category: Stock

Morningstar Category<sup>c21</sup>: Large Blend

PORTFOLIO DETAILS				
Ticker	VFIAX			
Inception Date	2000-11-13			
Gross Expense Ratio <sup>f1</sup> (%)	0.04			
Net Expense Ratio <sup>f1</sup> (%)	0.04			
Fund Total Net Assets (\$M)	507,735.54			
Management Company	Vanguard Group Inc			
Portfolio Managers	Michelle Louie Nick Birkett Aaron Choi			
Blackout Holding Period (Days)	30			

Blackout Holding Period (Days) Blackout Minimum Amount (\$)

TOP TEN HOLDINGS AS OF 2024-05-31

	% of Assets
Microsoft Corp	6.96
Apple Inc	6.30
NVIDIA Corp	6.11
Amazon.com Inc	3.64
Meta Platforms Inc Class A	2.32
Alphabet Inc Class A	2.29
Alphabet Inc Class C	1.94
Berkshire Hathaway Inc Class B	1.70
Eli Lilly and Co	1.48
JPMorgan Chase & Co	1.32

KEY STATISTICS	
Turnover Ratio (%) (annualized)	2
Beta <sup>b1</sup> (3y) (S&P 500 TR USD)	1.00
R-squared <sup>b53</sup> (%) (3y) (S&P 500 TR USD)	100.00
Sharpe Ratio <sup>b54</sup> (3y)	0.44
# of Stock Holdings	504
# of Bond Holdings	0

### PRINCIPAL RISKS

Principal Risks include: ETF, Early Close/Late Close/Trading Halt, Equity Securities, Index Correlation/Tracking Error, Industry and Sector Investing, Loss of Money, Management, Market Trading, Market/Market Volatility, Nondiversification and Not FDIC Insured. See disclosure for details.

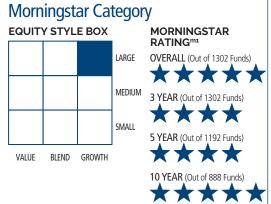
## Average Annual Total Returns %

As of 2024-06-30

0.00

	YTD	1 Year	3 Year	5 Year	10 Year	Inception
Vanguard 500 Index Fund	15.27	24.51	9.97	15.00	12.82	
S&P 500 Index <sup>i47</sup>	15.29	24.56	10.01	15.05	12.86	
Large Blend <sup>b23</sup>	12.64	21.37	7.97	13.28	11.23	

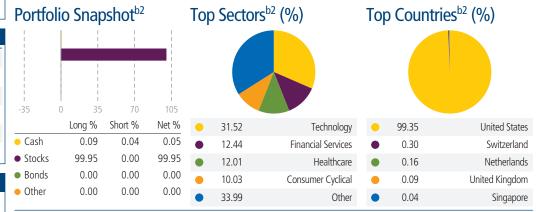
Performance data quoted represents past performance. Past performance is no guarantee of future results. Due to market volatility, current performance may be less or higher than the figures shown. Investment return and principal value will fluctuate so that upon redemption, shares may be worth more or less than their original cost. Performance data does not reflect deduction of redemption fee, which, if such fee exists, would lower performance. For current to the most recent month-end performance information, please log onto myplan.johnhancock.com or call a John Hancock representative at (800) 294-3575.



## Morningstar Volatility Analysis

Investment				
LOW	MODERATE	HIGH		
Category				

This investment has shown a relatively moderate range of price fluctuations in the past. For this reason, it currently lands in the middle third of all investments with records of at least three years. However, this investment may experience larger or smaller price declines or price increases depending on market conditions. To offset some of the investment's risk, investors may wish to own investments with different portfolio makeups or investment strategies.



f1. The Gross Expense Ratio does not include fee waivers or expense reimbursements which result in lower actual cost to the investor. The Net Expense Ratio represents the effect of a fee waiver and/or expense reimbursement and is subject to change.

Marketing support services are provided by John Hancock Distributors LLC.

A fund's investment objectives, risks, charges and expenses should be considered carefully before investing. The prospectus contains this and other important information about the fund. To obtain a prospectus, contact John Hancock Retirement Plan Services LLC at (800) 294-3575 or visit our website at myplan.johnhancock.com. Please read the prospectus carefully before investing or sending money.

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## Important Notes

#### Other:

m1. For each fund with at least a three-year history, Morningstar calculates a Morningstar Rating<sup>™</sup> based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a fund's monthly performance(not including the effects of sales charges, loads, and redemption fees), placing more emphasis on downward variations and rewarding consistent performance. Exchange traded funds and open-ended mutual funds are considered a single population for comparative purposes. The top 10% of funds in each category receive five stars, then next 22.5% receive four stars, the middle 35% receive three stars, the next 22.5% receive two stars, and the bottom 10% receive one star. The Overall Morningstar Rating<sup>™</sup> for a fund is derived from a weighted average of the performance figures associated with its three-, five- and 10-year (if applicable) Morningstar Rating<sup>™</sup> metrics. The rating for mula most heavily weights the three year rating, using the following calculation: 100% three-year rating for 36-59 months of total returns, 60% five-year rating/40% three-year rating/20% three-year rating for 120 or more months of total returns. Past performance does not guarantee future results.

**b1**. Beta measures the sensitivity of the fund to its benchmark. The beta of the market (as represented by the benchmark) is 1.00. Accordingly, a fund with a 1.10 beta is expected to have 10% more volatility than the market.

**b2**. The portfolio composition, industry sectors, top ten holdings, and credit analysis are presented to illustrate examples of securities that the fund has bought and diversity of areas in which the fund may invest and may not be representative of the fund's current or future investments. The top ten holdings do not include money market instruments and/or futures contracts. The figures presented are as of date shown, do not include the fund's entire investment portfolio, and may change at any time.

**b23**. Large Blend Average is the average annual total return of the universe of mutual funds designated by Morningstar, Inc. as comprising the Morningstar Large Blend category.

**b53**. R-squared measures the degree to which the fund and its benchmark index are correlated. The closer it is to 100%, the more similar the historical performance between the two.

**b54**. Sharpe ratio is a measure of excess return per unit of risk, as defined by standard deviation. A higher Sharpe ratio suggests better risk-adjusted performance.

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### Index Description:

i47. S&P 500 Index is a market capitalization-weighted index, composed of 500 widely-held common stocks. This index is designed to be a leading indicator of U.S. equities and is meant to reflect the risk/return characteristics of the large-cap universe. An investment cannot be made directly into an index.

#### Morningstar Category Description:

c21. Large-blend portfolios are fairly representative of the overall US stock market in size, growthrates and price. Stocks in the top 70% of the capitalization of the US equity market are definedas large cap. The blend style is assigned to portfolios where neither growth nor valuecharacteristics predominate. These portfolios tend to invest across the spectrum of US industries, and owing to their broad exposure, the portfolios' returns are often similar to those of the S&P 500 Index.

## **Principal Risks**

ETF: Investments in exchange-traded funds generally reflect the risks of owning the underlying securities they are designed to track, although they may be subject to greater liquidity risk and higher costs than owning the underlying securities directly because of their management fees. Shares of ETFs are subject to market trading risk, potentially trading at a premium or discount to net asset value.

Early Close/Late Close/Trading Halt: The investment may be unable to rebalance its portfolio or accurately price its holdings if an exchange or market closes early, closes late, or issues trading halts on specific securities or restricts the ability to buy or sell certain securities or financial instruments. Any of these scenarios may cause the investment to incur substantial trading losses.

Equity Securities: The value of equity securities, which include common, preferred, and convertible preferred stocks, will fluctuate based on changes in their issuers' financial conditions, as well as overall market and economic conditions, and can decline in the event of deteriorating issuer, market, or economic conditions.

Index Correlation/Tracking Error: A portfolio that tracks an index is subject to the risk that certain factors may cause the portfolio to track its target index less closely, including if the advisor selects securities that are not fully representative of the index. The portfolio will generally reflect the performance of its target index even if the index does not perform well, and it may underperform the index after factoring in fees, expenses, transaction costs, and the size and timing of shareholder purchases and redemptions.

**Industry and Sector Investing:** Concentrating assets in a particular industry, sector of the economy, or markets may increase volatility because the investment will be more susceptible to the impact of market, economic, regulatory, and other factors affecting that industry or sector compared with a more broadly diversified asset allocation.

Loss of Money: Because the investment's market value may fluctuate up and down, an investor may lose money, including part of the principal, when he or she buys or sells the investment. Management: Performance is subject to the risk that the advisor's asset allocation and investment strategies do not perform as expected, which may cause the portfolio to underperform its benchmark, other investments with similar objectives, or the market in general. The investment is subject to the risk of loss of income and capital invested, and the advisor does not guarantee its value, performance, or any particular rate of return.

Market Trading: Because shares of the investment are traded on the secondary market, investors are subject to the risks that shares may trade at a premium or discount to net asset value. There is no guarantee that an active trading market for these shares will be maintained.

Market/Market Volatility: The market value of the portfolio's securities may fall rapidly or unpredictably because of changing economic, political, or market conditions, which may reduce the value of the portfolio.

Nondiversification: A nondiversified investment, as defined under the Investment Act of 1940, may have an increased potential for loss because its portfolio includes a relatively small number of investments. Movements in the prices of the individual assets may have a magnified effect on a nondiversified portfolio. Any sale of the investment's large positions could adversely affect stock prices if those positions represent a significant part of a company's outstanding stock. Not FDIC Insured: The investment is not a deposit or obligation of, or guaranteed or endorsed by, any bank and is not insured by the Federal Deposit Insurance Corporation, the Federal Reserve Board, or any other U.S. governmental agency.