John Hancock.

Vanguard Emerging Markets Stock Index Fund (Admiral Shares)

AS OF 2024-03-31

INVESTMENT STRATEGY: The investment seeks to track the performance the FTSE Emerging Markets All Cap China A Inclusion Index. The index measures the investment return of stocks issued by companies located in emerging market countries. The fund employs an indexing investment approach designed to track the performance of the FTSE Emerging Markets All Cap China A Inclusion Index. It invests by sampling the index, meaning that it holds a broadly diversified collection of securities that, in the aggregate, approximates the index in terms of key characteristics.

Fund Category: Stock

Morningstar Category⁹: **Diversified Emerging** Mkts

PORTFOLIO DETAILS

| VEMAX |
|------------------------------------|
| |
| 2006-06-23 |
| 0.14 |
| 0.14 |
| 15,400.05 |
| Vanguard Group Inc |
| Jeffrey D. Miller Michael Perre |
| 30 |
| 0.00 |
| |

TOP TEN HOLDINGS AS OF 2024-02-29

| | % of Assets | | |
|--|-------------|--|--|
| Taiwan Semiconductor Manufacturing Co Lt | 6.33 | | |
| Tencent Holdings Ltd | 2.83 | | |
| Alibaba Group Holding Ltd Ordinary Share | 2.02 | | |
| Reliance Industries Ltd | 1.53 | | |
| HDFC Bank Ltd | 1.03 | | |
| PDD Holdings Inc ADR | 0.98 | | |
| Infosys Ltd | 0.91 | | |
| China Construction Bank Corp Class H | 0.75 | | |
| MediaTek Inc | 0.70 | | |
| Meituan Class B | 0.70 | | |

| KEY STATISTICS | |
|---|-------|
| Turnover Ratio (%) (annualized) | 5 |
| Beta ^{b1} (3y) (FTSE EMs AC China A Incl (US RIC) NR USD) | 1.02 |
| R-squared ^{b53} (%) (3y) (FTSE EMs AC China A Incl (US RIC) NR USD) | 98.09 |
| Sharpe Ratio ^{b54} (3y) | -0.34 |
| # of Stock Holdings | 4731 |
| # of Bond Holdings | 0 |

PRINCIPAL RISKS

Principal Risks include: China Region, Country or Region, Currency, ETF, Early Close/Late Close/Trading Halt, Emerging Markets, Equity Securities, Loss of Money, Market Trading, Market/Market Volatility, Not FDIC Insured and Sampling. See disclosure for details.

Average Annual Total Returns %

As of 2024-03-31

Cash

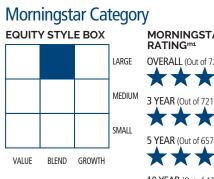
Stocks

Bonds

Other

| | YTD | 1 Year | 3 Year | 5 Year | 10 Year | Since Inception |
|---|------|--------|--------|--------|---------|--------------------|
| Vanguard Emerging Markets Stock Index Fund | 1.89 | 7.40 | -3.77 | 2.82 | 3.21 | |
| MSCI Emerging Markets Free Ind ⁱ¹⁸ | 1.90 | 5.34 | -7.46 | -0.28 | 0.48 | |
| Diversified Emerging Mkts ^{b11} | 2.70 | 10.31 | -3.83 | 3.23 | 2.96 | |

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.

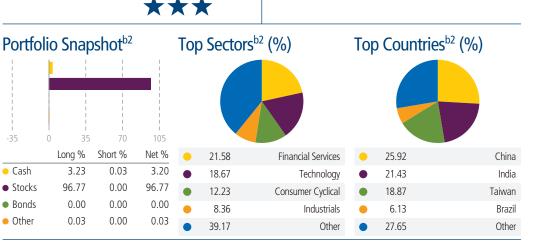




Morningstar Volatility Analysis



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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Risks and Disclosures

Important Notes

Other:

m1. For each fund with at least a three-year history, Morningstar calculates a Morningstar Rating[™] 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™ 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[™] metrics. The rating formula 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 for 60-119 months of total returns, and 50% 10-year rating/30% five-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.

b11. Diversified Emerging Mkts Average is the average annual total return of the universe of mutual funds designated by Morningstar, Inc. as comprising the Morningstar Diversified Emerging Mkts 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.

Fund data, Style Box and Morningstar Portfolio Ratings All Morningstar data is © 2017 by Morningstar, Inc. All rights reserved. The information contained herein: (1) is proprietary to Morningstar and/or its content providers: (2) may not be copied or distributed: and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information. Index Description:

i18. MSCI Emerging Markets Free Index: The Morgan Stanley Capital International (MSCI) Emerging Markets Free Index is an unmanaged index of a sample of companies representative of the market structure of 26 Emerging Markets countries. Results assume the reinvestment of all capital gain and dividend distributions. An investment cannot be made directly into an index.

Morningstar Category Description:

c9. Diversified emerging-markets portfolios tend to divide their assets among 20 or more nations, although they tend to focus on the emerging markets of Asia and Latin America rather than on those of the Middle East, Africa, or Europe. These portfolios invest predominantly in emerging market equities, but some funds also invest in both equities and fixed income investments from emerging markets.

Principal Risks

China Region: Investing in the China region, including Hong Kong, the People's Republic of China, and Taiwan, may be subject to greater volatility because of the social, regulatory, and political risks of that region, as well as the Chinese government's significant level of control over China's economy and currency. A disruption of relations between China and its neighbors or trading partners could severely impact China's export-based economy.

Country or Region: Investments in securities from a particular country or region may be subject to the risk of adverse social, political, regulatory, or economic events occurring in that country or region. Country- or region-specific risks also include the risk that adverse securities markets or exchange rates may impact the value of securities from those areas.

Currency: Investments in securities traded in foreign currencies or more directly in foreign currencies are subject to the risk that the foreign currency will decline in value relative to the U.S. dollar, which may reduce the value of the portfolio. Investments in currency hedging positions are subject to the risk that the value of the U.S. dollar will decline relative to the currency being hedged, which may result in a loss of money on the investment as well as the position designed to act as a hedge. Cross-currency hedging strategies and active currency positions may increase currency risk because actual currency exposure may be substantially different from that suggested by the portfolio's holdings.

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. Emerging Markets: Investments in emerging- and frontier-markets securities may be subject to greater market, credit, currency, liquidity, legal, political, and other risks compared with assets invested in developed foreign countries.

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.

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.

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.

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.

Sampling: Although the portfolio tracks an index, it maintains a smaller number of holdings than does the index. Use of this representative sampling approach may lead the portfolio to track the index less closely.