

Minnesota State Board of Investment U.S. Stock Index Fund As of December 31, 2024

HIGHLIGHTS

Objective

The Fund seeks to generate high returns from capital appreciation in U.S. common stock and reflects a less expensive and less aggressive portfolio than is available through active management.

Strategy

The Fund is passively managed by BlackRock Institutional Trust Co. to replicate the returns produced by the Russell 3000 Index, a US broad based equity market index. The fund holds over 2,000 U.S. common stocks.

Benchmark

Russell 3000 Index

Fund Expense

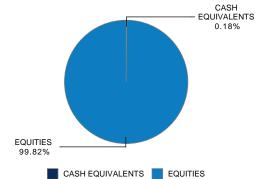
Fee information is provided in the Supplemental Investment Fund Prospectus, available at msbi.us/prospectus.

ANNUAL PERFORMANCE - CALENDAR YEAR ENDING

ANNUALIZED PERFORMANCE AS OF 12/31/24

| | U.S. STOCK INDEX FUND | Russell 3000 | Excess |
|---------|-----------------------|--------------|--------|
| QTR | 2.64 | 2.63 | 0.00 |
| YTD | 23.85 | 23.81 | 0.04 |
| 1 Year | 23.85 | 23.81 | 0.04 |
| 3 Year | 8.06 | 8.01 | 0.06 |
| 5 Year | 14.06 | 13.86 | 0.19 |
| 10 Year | 12.65 | 12.55 | 0.10 |

FUND ALLOCATION



RISK-RETURN STATISTICS

| | One Year | Three Years | Five Years |
|----------------------------------|----------|-------------|------------|
| Beta | 1.00 | 1.00 | 1.00 |
| Alpha | 0.04 | 0.06 | 0.20 |
| Portfolio Standard Deviation (%) | 11.35 | 17.82 | 18.81 |
| Benchmark Standard Deviation (%) | 11.35 | 17.81 | 18.82 |
| Tracking Error | 0.02 | 0.03 | 0.13 |
| Information Ratio | 2.41 | 1.90 | 1.52 |

TOP 10 HOLDINGS (% of Net Assets)

| Security Name | Asset Weight |
|-----------------------------|--------------|
| APPLE INC | 6.32 |
| NVIDIA CORP | 5.54 |
| MICROSOFT CORP | 5.53 |
| AMAZON.COM INC | 3.63 |
| META PLATFORMS INC CLASS A | 2.26 |
| TESLA INC | 1.98 |
| ALPHABET INC CL A | 1.96 |
| BROADCOM INC | 1.86 |
| ALPHABET INC CL C | 1.63 |
| BERKSHIRE HATHAWAY INC CL B | 1.46 |
| | |

SECTOR ALLOCATION (% of Net Assets)

| SECTOR ALEOCATION (70 OF Net) | | ec-24 |
|-------------------------------|-------|-----------|
| | Fund | Benchmark |
| BASIC MATERIALS | 1.96 | 1.96 |
| CONSUMER GOODS | 0.06 | 0.05 |
| CONSUMER SERVICES | 0.01 | 0.01 |
| FINANCIALS | 14.63 | 14.63 |
| HEALTH CARE | 12.80 | 12.79 |
| INDUSTRIALS | 16.15 | 16.14 |
| OIL & GAS | 4.38 | 4.40 |
| TECHNOLOGY | 44.19 | 44.21 |
| TELECOMMUNICATIONS | 2.60 | 2.60 |
| UTILITIES | 3.20 | 3.20 |

Minnesota State Board of Investment

GLOSSARY - Risk Definitions

Alpha

Alpha, also known as excess return, is the portfolio's return less the benchmark return. If a portfolio's rate of return is higher than the benchmark return, the portfolio is considered to have a "positive alpha".

Beta

Beta measures a fund's sensitivity to market movements. A fund with a beta of 1, indicates that the fund's price has moved with the market. A beta greater than (less than) 1, indicates the fund's price will be more (less) volatile relative to the market.

Information Ratio

The information ratio (IR) is a measure of the portfolio's risk adjusted return. This ratio considers the portfolios return to its benchmark return. The higher the information ratio, the higher the positive alpha the portfolio has generated given a certain amount of risk. The information ratio is determined by taking the portfolio's excess return over the standard deviation of the excess return.

Standard Deviation

Standard deviation is a measure of the portfolio's volatility in rate of return. A volatile portfolio will have a high standard deviation, while a more stable portfolio will have a lower standard deviation.

Tracking Error

Tracking error, also known as active risk, is a measure of how closely the portfolio performs to its benchmark. It is determined by taking the standard deviation of the excess return.