# Minnesota State Board of Investment U.S. Stock Actively Managed Fund

# As of September 30, 2023

#### **HIGHLIGHTS**

Objective

The fund seeks to generate high returns from capital appreciation in U.S. common stock and reflects a more aggressive portfolio than is available through passive management.

The Fund is actively managed by professional institutional investment managers and tracks the Russell 3000 Index, a US broad-based equity market index. This Fund primarily invest in U.S. small and large size companies that reflect both growth and value fundamental characteristics.

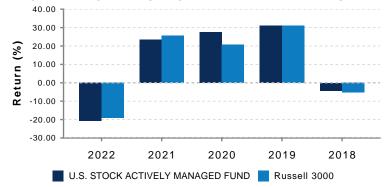
Benchmark

Russell 3000 Index

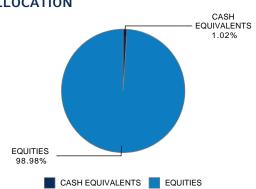
**Total Fund Expense** 

The Total Fund Expense Ratio for this fund is 0.238%. This includes an Investment Management Fee of 0.23% that is deducted by the investment management companies prior to the calculation of performance and an Administrative Fee of 0.008% that is deducted after performance has been calculated.

# **ANNUAL PERFORMANCE - CALENDAR YEAR ENDING**



# **FUND ALLOCATION**



## **ANNUALIZED PERFORMANCE AS OF 09/30/23**

	U.S. STOCK ACTIVELY MANAGED FUND	Russell 3000	Excess
QTR	-3.03	-3.25	0.22
YTD	12.58	12.39	0.20
1 Year	21.15	20.46	0.69
3 Year	8.54	9.38	-0.84
5 Year	9.19	9.14	0.05
10 Year	11.47	11.28	0.19

#### **RISK-RETURN STATISTICS**

	One Year	Three Years	Five Years
Beta	1.03	1.02	1.04
Alpha	0.69	-0.84	0.05
Portfolio Standard Deviation (%)	16.83	18.53	20.39
Benchmark Standard Deviation (%)	16.27	18.15	19.57
Tracking Error	1.27	1.54	2.05
Information Ratio	0.54	-0.54	0.02

# TOP 10 HOLDINGS (% of Net Assets)

Security Name	Asset Weight
MICROSOFT CORP	4.17
APPLE INC	3.78
AMAZON.COM INC	2.53
NVIDIA CORP	2.25
ALPHABET INC CL A	1.58
META PLATFORMS INC CLASS A	1.57
TESLA INC	1.10
VISA INC CLASS A SHARES	1.02
S.B.I.MONEY FUND	1.02
ALPHABET INC CL C	0.97

# SECTOR ALLOCATION (% of Net Assets)

	Sej	Sep-23	
	Fund	Benchmark	
BASIC MATERIALS	2.88	2.57	
FINANCIALS	13.39	13.68	
HEALTH CARE	17.05	16.43	
INDUSTRIALS	19.94	16.63	
OIL & GAS	7.24	6.37	
TECHNOLOGY	35.13	38.06	
TELECOMMUNICATIONS	1.83	2.91	
UTILITIES	2.55	3.35	

# 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".

#### Reta

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.