

# Minnesota State Board of Investment Balanced Fund

As of September 30, 2024

### **HIGHLIGHTS**

### Objective

The fund seeks to earn returns from both capital appreciation and income in the form of dividends from stocks and interest from bonds. The portfolio uses a mix of stocks and bonds to maximize the long-term growth of capital, while limiting short-run portfolio return volatility.

### Strateg

The Fund generally invests 60% of assets in stocks, 35% in bonds and 5% in cash. The stock portion seeks to replicate the performance of the Russell 3000 Index. The bond Fund is actively managed and seeks to outperform the Barclays Capital Aggregate Bond Index. The cash portion tracks the 90 day US T-bill.

### Benchmark

Balanced Fund Custom Benchmark is an aggregate return of the respective asset group benchmark performance weighted to the target allocation.

### **Fund Expense**

-20.00

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

# ANNUAL PERFORMANCE - CALENDAR YEAR ENDING 30.00 20.00 10.00 -10.00

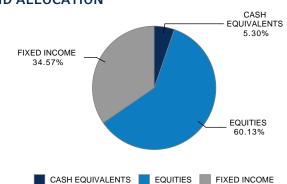
BALANCED FUND SIF BALANCED FUND BENCHMARK

2021

2020

2019







2022

2023

	BALANCED FUND	SIF BALANCED FUND BENCHMARK	Excess
QTR	5.67	5.62	0.05
YTD	14.23	13.95	0.28
1 Year	25.58	25.01	0.57
3 Year	5.97	5.98	-0.01
5 Year	9.94	9.52	0.42
10 Year	8.86	8.58	0.28

### **EQUITY TOP 10 HOLDINGS (% of Net Assets)**

Security Name	Asset Weight
APPLE INC	6.10
MICROSOFT CORP	5.76
NVIDIA CORP	5.11
AMAZON.COM INC	3.12
META PLATFORMS INC CLASS A	2.26
ALPHABET INC CL A	1.75
BERKSHIRE HATHAWAY INC CL B	1.52
ALPHABET INC CL C	1.48
BROADCOM INC	1.41
TESLA INC	1.31

# FIXED INCOME SECTOR ALLOCATION (% of Net Assets)

		Sep-24
	Fund	Benchmark
MORTGAGE PASS-THROUGH	28.98	25.31
CORPORATE	27.76	22.56
US TREASURY	17.35	42.61
СМО	9.88	1.52
ASSET BACKED	7.19	0.42
YANKEE	6.25	5.27
AGENCY	1.74	1.81
MUNICIPAL	0.51	0.45
FOREIGN	0.37	0.01
FUTURES	0.01	

# **EQUITY SECTOR ALLOCATION (% of Net Assets)**

	Se	p-24
	Fund	Benchmark
BASIC MATERIALS	2.28	2.28
CONSUMER GOODS	0.01	0.01
CONSUMER SERVICES	0.01	0.01
FINANCIALS	14.02	14.03
HEALTH CARE	14.46	14.45
INDUSTRIALS	16.38	16.36
OIL & GAS	4.55	4.56
TECHNOLOGY	42.23	42.24
TELECOMMUNICATIONS	2.61	2.61
UTILITIES	3.45	3.45

# 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.