

**2021 -
Unaudited**

Minnesota Teachers Retirement Association — Investment Return and Inflation Analysis

Fiscal Year 2021 – Year-To-Date – As of May 2021

Sources: Daily, Monthly and Quarterly Investment Reports (State Board of Investment)

Note: Investment performance results are subject to audit by SBI staff, investment consultants and SBI's external auditor.

Investment Return and Assets: Monthly (dollars in billions)

TRA Fund	July 2020	Aug 2020	Sept 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	March 2021	April 2021	May 2021	June 2021
Monthly Return	3.76 %	4.21 %	-1.82%	-1.36%	8.86%	3.17%	-0.37%	1.78%	2.39%	3.30%	1.80%	%
Actual FY-to-Date	3.76 %	8.12 %	6.16%	4.71%	13.99%	17.60%	17.16%	19.24%	22.09%	26.12%	28.38%	%
Est. Fair Market Value	\$23.46	\$ 24.32	\$23.81	\$ 23.40	\$25.36	\$26.08	\$25.88	\$26.25	\$26.79	\$27.58	\$27.98	\$

Investment Return: Quarterly

TRA Fund	July-Sept	Oct-Dec	Jan-Mar	April-June	FY (All)
Total Quarterly Return	6.16%	10.78%	3.82%		
Asset Class:					
Domestic Stock: Broad Market (Passive)	9.20%	14.77%	6.42%		
Domestic Stock: Large Cap (Active)	10.32%	15.15%	5.53%		
Domestic Stock: Large Cap (Passive)	9.46%	13.69%	5.95%		
Domestic Stock: Small Cap (Active)	5.08%	31.25%	13.39%		
International Stocks (Broad)	6.70%	16.92%	4.24%		
Bonds/Fixed Income	1.33%	1.88%	-3.14%		
Private Markets	6.08%	8.71%	8.74%		

Historical Fiscal Year Annualized Returns

	Combined Funds
1 Year (July 2019 – June 2020)	4.2%
3 Years (July 2017 – June 2020)	7.25%
5 Years (July 2015 – June 2020)	7.25%
10 Years (July 2010 – June 2020)	9.7%
20 Years (July 2000 – June 2020)	6.3%
30 Years (July 1990- June 2020)	8.6%

Asset Allocation

	Policy Target	Actual Mix (3/31/2021)
Public equity	50.0%	50.64%
Private Markets	25.0%	16.29%
Fixed Income	15.0%	5.17%
Treasuries and Cash	10.0%	18.48%
Uninvested Private Markets*	0.0%	9.42%*

*Amounts are invested in public equities.

Inflation Update (Source: Bureau of Labor Statistics, www.bls.gov)

	2020							2021					
	June 2020	July 2020	Aug 2020	Sept 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	March 2021	April 2021	May 2021	June 2021
Inflation (CPI-W)	251.054	252.636	253.597	254.004	254.076	253.826	254.081	255.296	256.843	258.935	261.237	263.612	
Actual Inf. since June 2020		0.63%	1.01%	1.18%	1.20%	1.10%	1.21%	1.69%	2.30%	3.14%	4.06%	5.00%	
CPI-W – Inflation Projected Through June 30, 2021		7.56%	6.06%	4.70%	3.61%	2.65%	2.41%	2.90%	3.46%	4.19%	4.87%	5.46%	