

Zach Conine
State Treasurer



STATE OF NEVADA
OFFICE OF THE STATE TREASURER

TO: Board of Finance (BoF) Members
 FROM: Tara Hagan, Chief Deputy Treasurer
 SUBJECT: January BoF Agenda Item #9– State Treasurer Quarterly Investment Report and Policies Approval
 DATE: March 1, 2022

Agenda Item #9

For discussion and possible action: on the approval of the State Treasurer’s quarterly investment report for the quarter ended December 31, 2021, and to approve or disapprove the Treasurer’s investment policies for the General Portfolio and the Local Government Investment Pool (LGIP). Approval of the Board of Finance is required pursuant to NRS 355.045.

Fixed Income Market Highlights as of December 31, 2021

- As noted below in the Treasury yield curve graph, the ‘belly’ of the curve (1 yr. – 7 yr. notes) increased in yield during the quarter. However, the rates on the 10-year note varied with a high of 1.68% in October but closed the quarter at 1.52% which was nearly identical to the rate as of September 30. Lastly, the three-year note continued to rise during the quarter closing 44 basis points higher than the previous quarter at 0.97%
- The market remained keenly focused on the magnitude and duration of the current inflationary pressures. As of the end of the calendar year, the Federal Open Market Committee (Fed) projected 0.5 hikes during 2022, while the market priced 1.7 hikes.

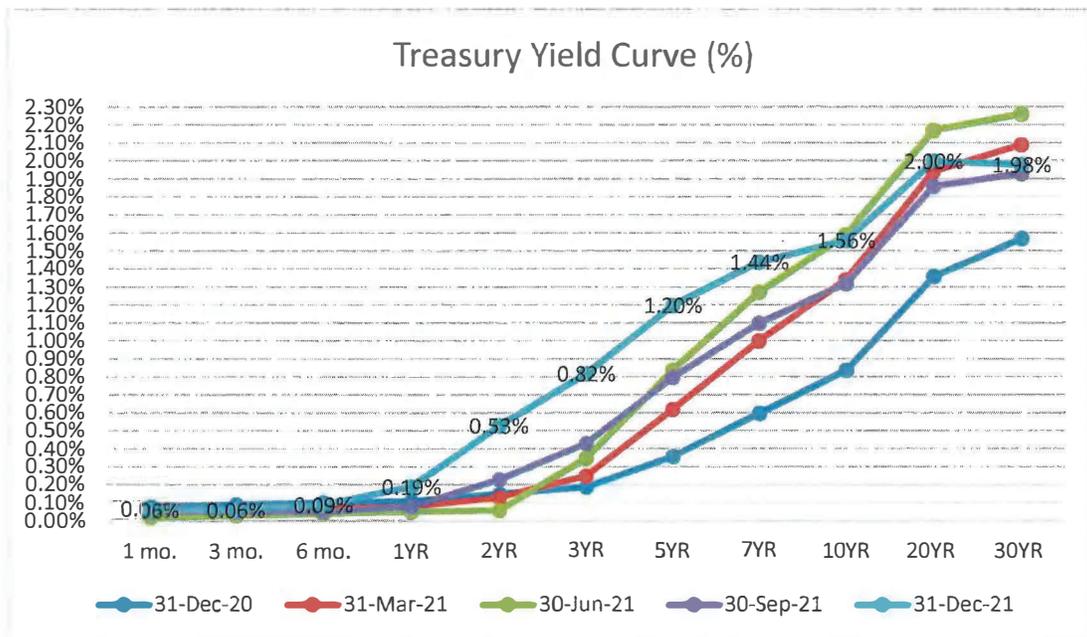


Chart is for illustrative purposes only. Investment Policy prohibits the General Portfolio from investing in Treasuries beyond 10 years.

Investment Performance as of December 31, 2021

Local Government Investment Pool (LGIP)

As of December 31, 2021, the total assets under management (AUM) were \$2.1 billion. The yield to maturity as of December 31, 2021, was 0.16% which is 09 basis points in excess of the benchmark yield of 0.07%.

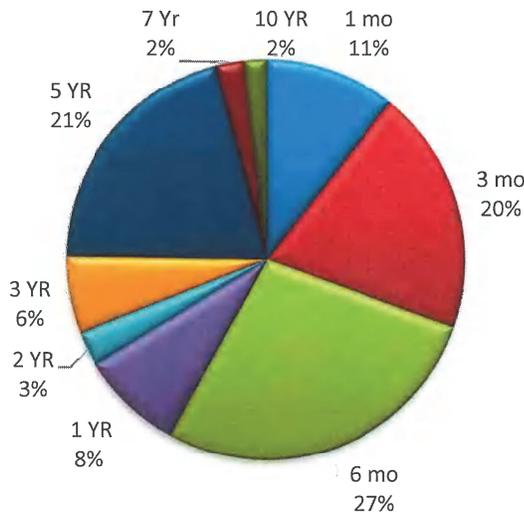
General Portfolio

As of December 31, 2021, the AUM for the General Portfolio was \$6.41 billion (market value) with 78% managed internally and 22% managed by outside managers. Please see the charts on pages 3 and 4 for more information on the performance on each manager.

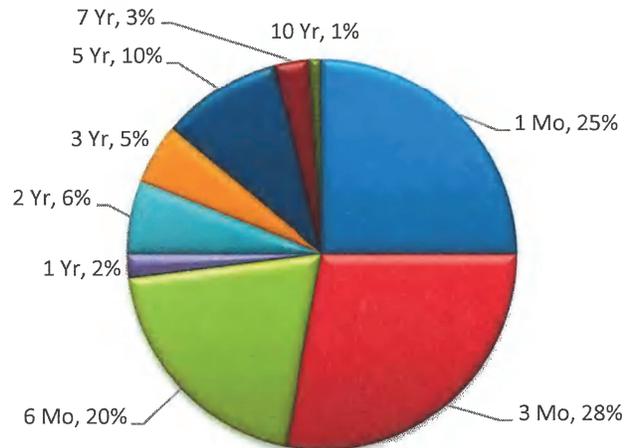
The overall yield to maturity (YTM) as of December 31, 2021, for the General Portfolio was 0.75%. Below is the YTM breakdown by portfolio:

- Internally managed portfolios were 0.515%
- Buckhead Capital Management portfolio was 1.65%
- Western Asset Management portfolio was 1.42%

Below is a graphical representation of the asset weighted maturities in the General Portfolio as of December 31, 2021, versus one-year prior.

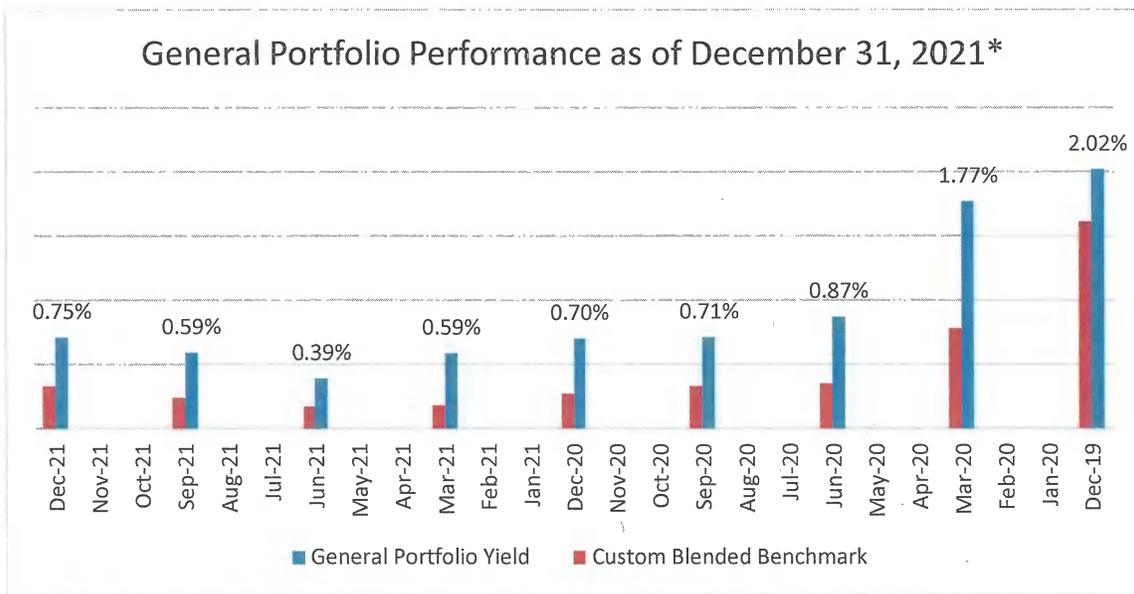


Asset Weighted Maturities as of 12.31.21



Asset Weighted Maturities as of 12.31.20

The chart below shows the entire General Portfolio performance against the custom benchmark.

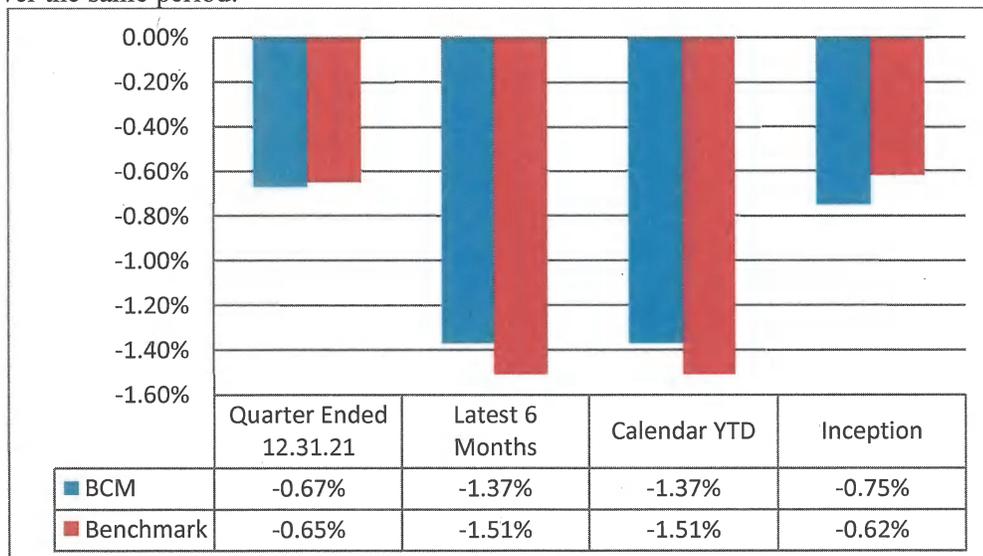


Custom blended benchmark yield matches the asset-weighted maturities of the General Portfolio, internally managed portion, for each quarter to the appropriate Treasury yield.

General Portfolio Outside Managers' Performance

Buckhead Capital Management (BCM) began the quarter managing \$150 million in General Portfolio Assets in September 2020, \$130 million was distributed in June 2021, \$220 million was distributed in September 2021, and \$200 million more was distributed in December 2021 for a total of \$700 million in assets under management.

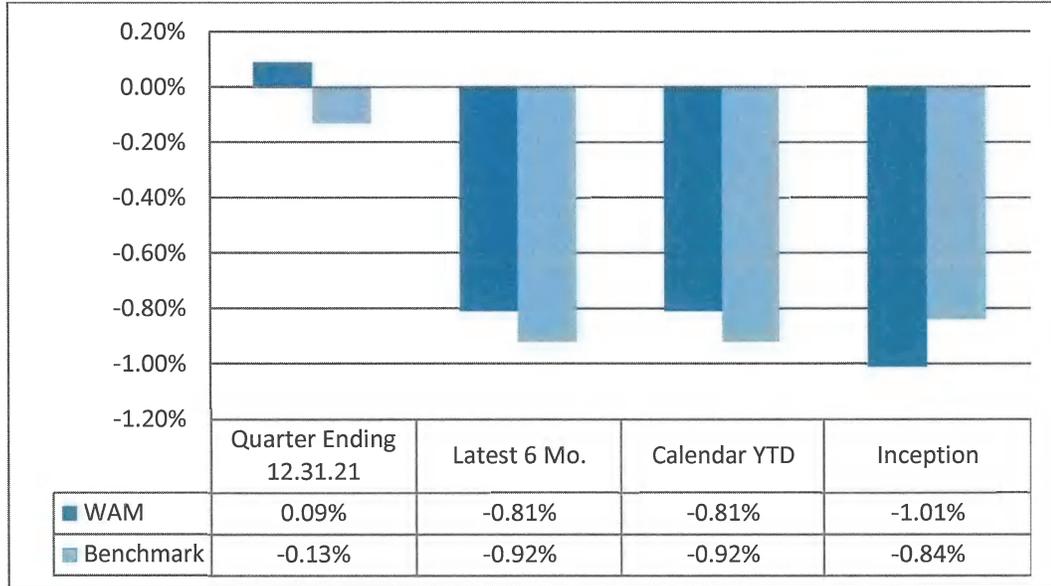
The calendar year to date time weighted performance gross of fees is (1.37%). As of December 31, 2021, BCM has earned \$3,643,736 in net interest for fiscal year 2022 through December 31, 2021, which has been reduced by hard dollar manager fees (\$142,594) paid over the same period.



Benchmark used for the BCM mandate is the Bloomberg Barclays CMBS AAA Index and inception date is October 2020.

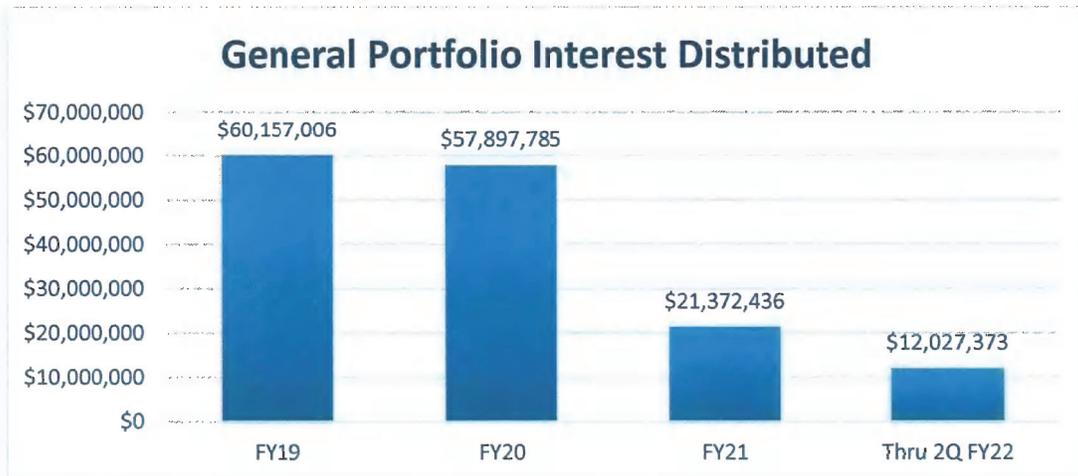
Western Asset Management (WAM) began managing \$80 million in General Portfolio assets in November 2020, \$70 million was distributed in June 2021, \$200 million was distributed in September 2021, and \$400 million was distributed during this quarter (October – December 2021) for a total of \$750 million in assets under management.

The calendar year to date time weighted performance gross of fees is (0.78%). As of December 31, 2021, WAM has earned (\$571,262) in net interest for fiscal year 2022 through December 31, 2021, which has been reduced by hard dollar manager fees (\$224,824) paid over the same period.



Benchmark used for the WAM mandate is the ICE BofA 3 – 5 Year AA US Corporate & Yankee Index and the inception date is November 2020.

The chart below provides the historical interest distributed to date and by each prior fiscal year for the General Portfolio. Interest is distributed to statutorily approved funds, such as the State General Fund and statutorily approved budget accounts.



Recommendation:

I respectfully request consideration and approval of the quarterly investment reports and the Treasurer’s investment policies for the General Portfolio and the LGIP.



INVESTMENTS

GENERAL PORTFOLIO

FISCAL YEAR 2021

Period Ending
December 31, 2021

Overview

Investment of the State of Nevada General Fund Portfolio is a function performed by the State Treasurer, who, by the provisions of NRS 355, has adopted policies for the prudent and conservative investment of these funds. The General Portfolio encompasses governmental, proprietary, enterprise and fiduciary funds of the State. Investment objectives include safety of principal, portfolio liquidity and market return.

Investment Guidelines

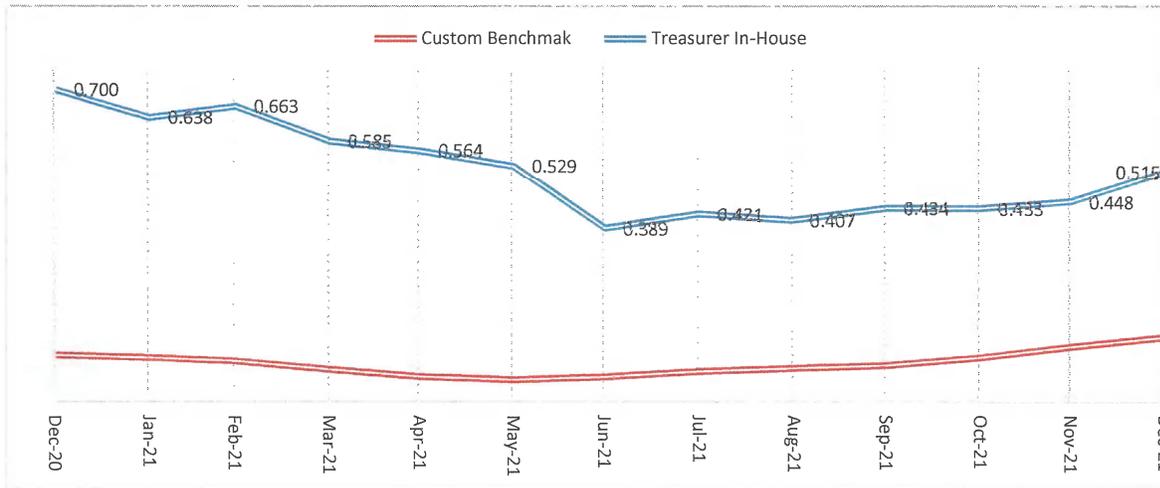
The permissible investments of the General Portfolio include United States Treasury and Agency securities, repurchase agreements, high quality corporate notes and commercial paper, negotiable certificates of deposit, foreign notes, international development notes, asset-backed securities, municipal bonds and banker's acceptances. These securities are diversified to prevent over-concentration in a specific maturity, a specific issuer, or a specific class of securities. The targeted duration of the portfolio is one and a half years, with no security extending longer than ten years.

The State Treasurer maintains a conservative, moderately active investment strategy. Cash flow forecasts are prepared to identify operating cash requirements that can be reasonably anticipated. In order to maintain sufficient liquidity, a portion of the portfolio is structured so that securities mature concurrently with cash needs in the short and medium term. Monies deemed to have a longer investment horizon, are invested to take advantage of longer term market opportunities.

In-House Performance

As of December 31, 2021, the yield on the in-house portion of the General Portfolio was 0.515%. A three month rolling average of this benchmark for this period was 0.09% with the average days to maturity at 218 days. The average days to maturity for the portfolio was 436 days.

In-House Performance vs. Benchmark

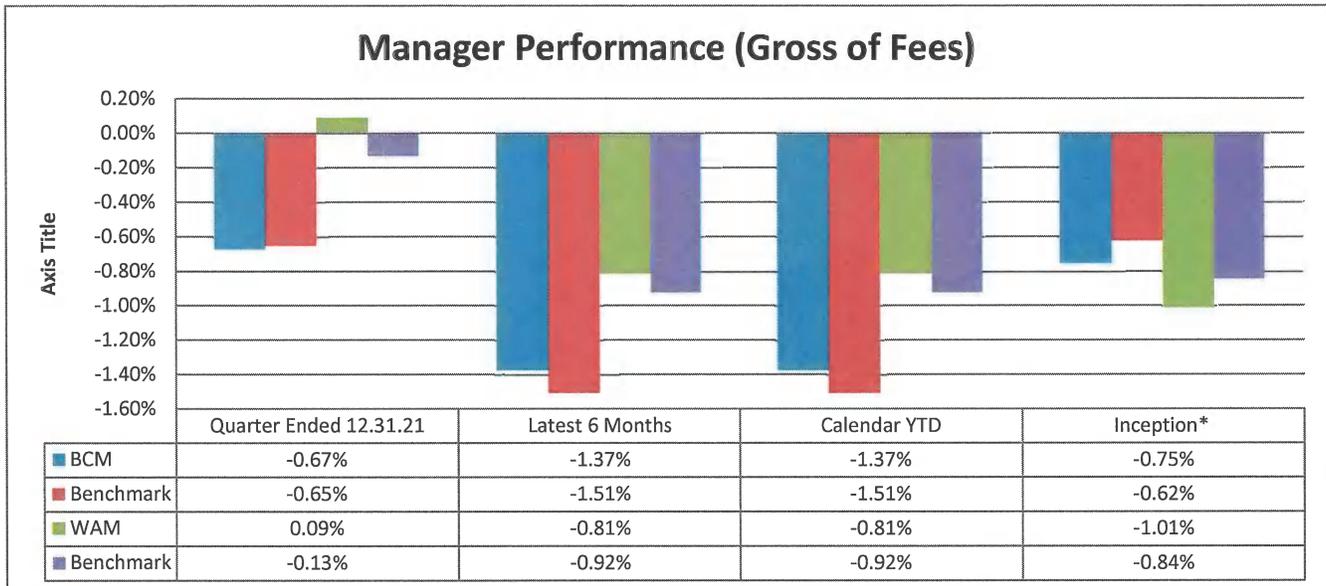


* Benchmark is 3-month rolling weighted average of 80% 3-month Treasuries and 20% 2-year Treasuries

Outside Manager Performance

BCM provides investment management in securitized assets, including U.S. Agency and Non U.S. Agency mortgaged backed securities, and asset backed securities. The performance of the BCM portfolio is benchmarked against the Bloomberg Barclays CMBS AAA Index. WAM provides investment management for corporate/credit securities. The performance of WAM is benchmarked against the ICE BofA 3-5 Year AA US Corporate & Yankee Index.

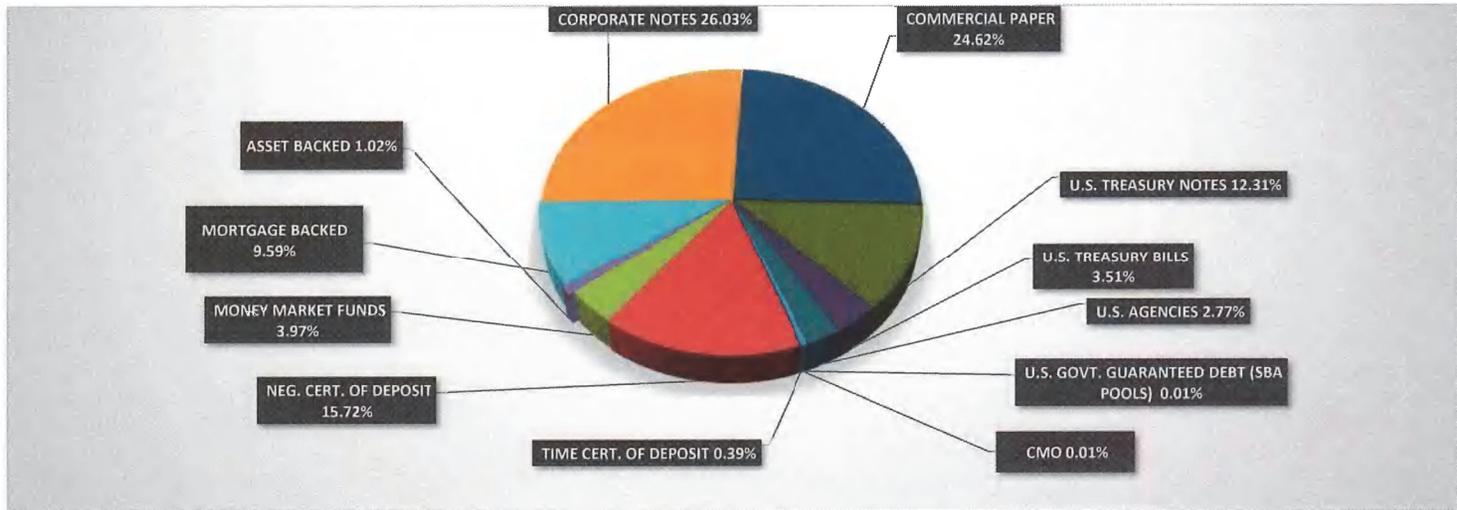
Outside Managers' Performance vs. Benchmark



*Inception date for BCM is October 2020 and WAM is November 2020

**GENERAL PORTFOLIO
Amortized Book Value**

	<u>December 31, 2021</u>				<u>September 30, 2021</u>
	<u>Amortized Book Value</u>				<u>Amortized Book Value</u>
	<u>Treasurer In-House</u>	<u>Buckhead Capital Management</u>	<u>Western Asset Management</u>	<u>Total Portfolio</u>	<u>Total Portfolio</u>
TIME CERTIFICATES OF DEPOSIT	\$ 25,000,000.00	\$ -	\$ -	\$ 25,000,000	\$ 25,000,000
NEGOTIABLE CERTIFICATES OF DEPOSIT	1,007,006,085	-	-	1,007,006,085	1,377,138,798
MONEY MARKET FUNDS	213,391,493	21,957,598	18,741,187	254,090,278	1,648,639,726
ASSET-BACKED SECURITIES	-	65,596,543	-	65,596,543	18,078,603
COLLATERALIZED MORTGAGE-BACKED (CMBS)	-	614,612,765	-	614,612,765	57,645,917
CORPORATE NOTES	965,693,847	-	701,645,000	1,667,338,847	932,364,313
COMMERCIAL PAPER	1,577,226,993	-	-	1,577,226,993	1,793,057,959
MUNICIPAL BONDS	-	-	-	-	-
U.S. TREASURY NOTES	788,436,885	-	-	788,436,885	778,780,036
U.S. TREASURY BILLS	224,876,917	-	-	224,876,917	4,998,912
U.S. AGENCIES	177,250,845	-	-	177,250,845	110,762,944
U.S. GOVERNMENT GUARANTEED DEBT	378,283	-	-	378,283	1,312,346
FOREIGN NOTES	-	-	3,510,000	3,510,000	1,671,902
COLLATERALIZED MORTGAGE OBLIGATION	760,323	-	-	760,323	193,239,835
REPURCHASE AGREEMENTS	-	-	-	-	-
TOTAL	\$ 4,980,021,669	\$ 702,166,906	\$ 723,896,187	\$ 6,406,084,762	\$ 6,942,691,291



YEAR-TO-YEAR BOOK VALUE AND PURCHASED INTEREST COMPARISON

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
TOTAL PORTFOLIO	\$6,412,699,596	\$2,920,884,834

State of Nevada
Office of the State Treasurer
Schedule of General Fund Interest Revenue

	Quarter Ended 09/30/2021	Quarter Ended 12/31/2021	Quarter Ended 03/31/2022	Quarter Ended 06/30/2022	FY 2021 Totals
<u>Average Daily Balances of Funds</u>					
General Fund	\$ 3,020,630,041	\$ 2,917,046,867			\$ 2,968,838,454
All Funds	5,406,281,888	5,661,925,871			5,534,103,880
<u>Annualized Interest Rate</u>					
Cash Basis (see Note 1)	0.4616%	0.2676%			0.3646%
Accrual Basis	0.4819%	0.2882%			0.3850%
<u>Interest Distribution for General Fund (Cash Basis)</u>					
General Fund Interest Collected	4,281,694	2,254,898			6,536,592
General Fund Interest Revenue - Distributed	4,281,694	2,254,898			6,536,592
Undistributed General Fund Interest Revenue	-				-
<u>Interest Distribution for All Funds (Cash Basis)</u>					
All Funds Interest Collected	7,647,985	4,379,389			12,027,373
All Funds Interest Revenue - Distributed	7,647,985	4,379,389			12,027,373

Note 1 Interest is distributed to statutorily approved funds and budget accounts based on the cash basis of accounting. Under the cash basis of accounting, earnings are distributed in the quarter received but not necessarily in the quarter they were earned. Therefore, some of the receipts included in the Actual General Fund interest collected line were actually earned in the prior period and some of the earnings included in the General Fund interest revenue - accrual basis line will not be collected until a subsequent period.



Overview

The State of Nevada Local Government Investment Pool (LGIP) was established as an alternative investment program to be utilized by local governments for their public funds. This program’s operation is the responsibility of the State Treasurer who, by the provisions of state statute, has adopted guidelines for the prudent investment of these pooled funds. Any local government, as defined by NRS 354.474, may deposit its public monies into this fund for purposes of investment. As of June 30, 2021, there were 87 members of the LGIP, which includes cities, counties, school districts, and various special districts. The LGIP’s foremost investment objectives include safety of principal, portfolio liquidity, and market return, which are consistent with a conservative, short duration portfolio.

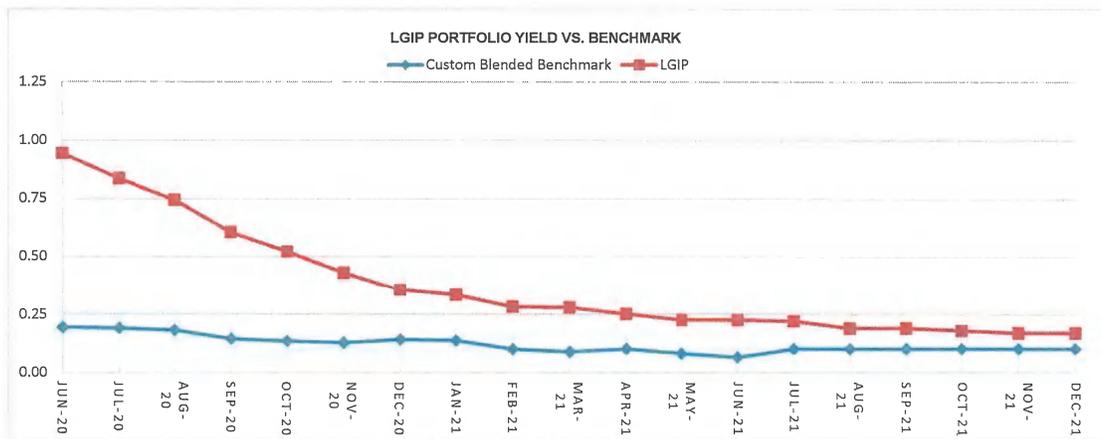
Investment Guidelines

The permissible investments of the LGIP include United States Treasury and Agency securities, repurchase agreements, high quality commercial paper, negotiable certificates of deposit, foreign notes, international development notes, municipal bonds and banker’s acceptances. These securities are diversified to prevent over-concentration in a specific maturity, a specific issuer, or a specific class of securities. The average maturity of the portfolio must not exceed 150 days, and no single security may be longer than two years.

The State Treasurer maintains a conservative investment strategy, which incorporates the matching of maturing securities to the cash needs of the participants. Approximately 13.4% of the fund matures on a daily basis, ensuring sufficient liquidity to meet both anticipated and unanticipated withdrawals. Additionally, approximately 61% of the fund matures within 90 days, compared to the policy requirement of 50%. This requirement minimizes the risk that the market value of portfolio holdings will fall significantly due to adverse changes in general interest rates.

Performance

FHN Financial began managing the LGIP portfolio in July 2015. As of December 31, 2021, the LGIP's portfolio yield was 0.15%, and the blended benchmark was 0.09%. The average days to maturity of the LGIP portfolio was 140 days.



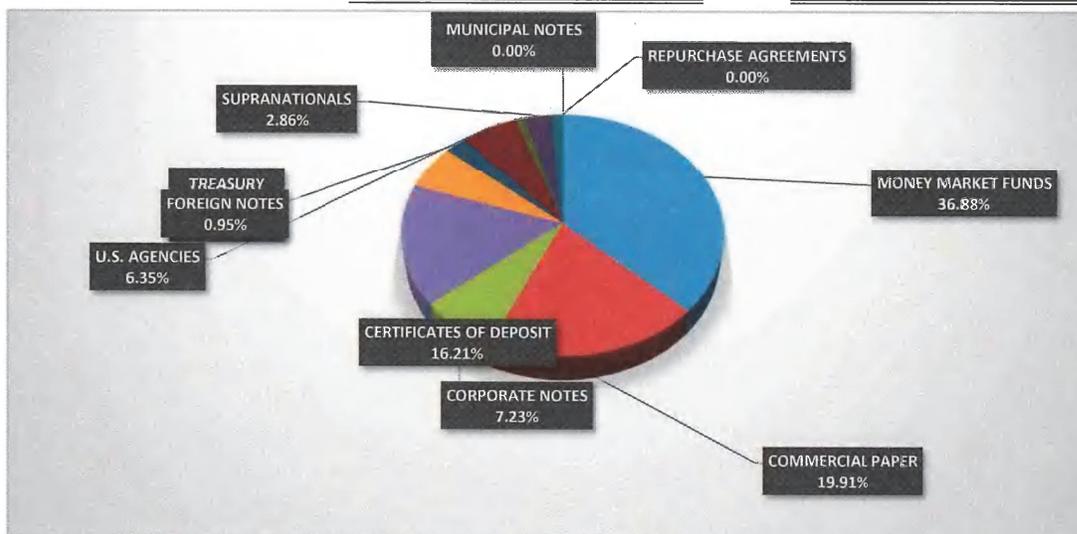
* Benchmark is 3-month rolling weighted average of 55% Dealer Commercial Paper 150-Day Index, 30% Agency Note 180 Day Index, and 15% Dreyfus Institutional Preferred Government Money Markey Fund.

**Benchmark was updated July 2020. This graph represents that change. June 2020 and prior shows the old benchmark.

Administration

The State Treasurer has adopted an Investment Policy relating specifically to the LGIP. The State Board of Finance shall review and approve or disapprove the policies established by the State Treasurer for investment of money of the LGIP at least every four months. The State Treasurer hereby confirms all LGIP investments are in compliance with the Terror-Free Investment Policy and the Divestiture Policy. The State Treasurer may contract with an independent auditor to review LGIP transactions for accuracy and fairness in reporting.

	<u>December 31, 2021</u>		<u>September 30, 2021</u>	
	<u>Amortized Book</u>	<u>Purchased Interest</u>	<u>Amortized Book</u>	<u>Purchased Interest</u>
MONEY MARKET FUNDS	\$ 773,762,668	\$ -	\$ 469,353,591	\$ -
COMMERCIAL PAPER	417,765,747	-	327,862,437	-
CORPORATE NOTES	151,770,849	-	209,737,957	22,969
CERTIFICATES OF DEPOSIT	339,999,992	-	374,999,987	-
SUPRANATIONALS DISCOUNTS	-	-	-	-
TREASURY NOTES	124,738,294	-	105,113,243	-
TREASURY BILLS	49,997,111	-	539,970,432	-
U.S. AGENCIES	133,166,569	23,722	93,295,851	-
FOREIGN NOTES	20,012,219	-	10,009,191	311
SUPRANATIONALS	59,764,621	144,000	41,793,217	-
ASSET-BACKED SECURITIES	26,683,561	-	27,296,702	23,280
MUNICIPAL NOTES	-	-	-	-
REPURCHASE AGREEMENTS	-	-	-	-
TOTAL	\$ 2,097,661,630	\$ 167,722	\$ 2,199,432,608	\$ 46,560
GRAND TOTAL	\$ 2,097,829,352	\$ 2,097,829,352	\$ 2,199,479,168	\$ 2,199,479,168



YEAR-TO-YEAR BOOK VALUE AND PURCHASED INTEREST COMPARISON

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
TOTAL PORTFOLIO	\$2,097,829,352	\$2,309,942,643