

**Kimberly Yee** 



**TREASURER** 

## **MARCH 2024**

## **Presented To:**

## Arizona State Board of Investment April 30, 2024

#### STATE BOARD OF INVESTMENT

## <u>**A** <u>G</u> <u>E</u> <u>N</u> <u>D</u> <u>A</u></u>

### April 30, 2024

1.	Cal	ll to Order; Opening Remarks The Honorable Kimberly Yee, Chair
2.	Ap	proval of Minutes of March 28, 2024, BOI Meeting
3.	AZ	529 Arizona's Education Savings Plan
	a.	Monthly Program and Marketing Review Jeffrey Ong, AZ529 Administrator
	b.	AZ529 Annual Provider ReviewJeffrey Ong, AZ529 Administrator
4.	Inv	estment Outlook and Summary Review of Treasurer's Monthly Reports
	a.	State Agency Earnings Distributions Dennis Stevenson, CIO
		State Agency Operating Average Invested Balances
		State Agency Investments and Performance Reports
	b.	LGIP Yield Analysis Jake Richardson, Portfolio Manager
		LGIP Pools Investments and Performance Reports
	c.	Endowment Earnings DistributionsTim White, Director of Endowments
		Land Sales Monthly Proceeds Endowment Funds
		Endowment Investments and Performance Reports
5.	Dis	scussion and Action on the March 2024 Report
6.	Tre	easurer's ReportThe Honorable Kimberly Yee, Chair
7.	Ma	rket Outlook Harry Papp, Board Member
8.	Cal	ll to the Public
-		

- 9. Notice of Next Meeting
- 10. Adjournment

#### **REPORT OF THE STATE TREASURER**

#### FOR

#### April 30, 2024

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H. AZ Endowment Trust Investments and Performance Reports
I. Quarterly Broker Activity ReportSUPPLEMENT

State Treasurer's Report April 30, 2024 Meeting Minutes of March 28, 2024, Meeting

#### Minutes of BOARD OF INVESTMENT MEETING March 28, 2024

The regular meeting of the State Board of Investment was held on March 28, 2024, in person in the Treasury's conference room and via WebEx. Treasurer Kimberly Yee called the meeting to order at 1:00 pm.

#### **Members Present:**

The Honorable Kimberly Yee, Chair, State Treasurer – in person Harry A. Papp, CFA & Managing Partner, L. Roy Papp & Associates, LLP – via Webex Treasurer Beth Ford – via Webex

Designee - Ashley Retsinas for Ben Henderson - via Webex

#### **Others Present:**

Mark Swenson, Deputy Treasurer, Arizona State Treasurer's Office Jackie Harding, Deputy Treasurer, Arizona State Treasurer's Office Jeff Kros, Assistant Deputy Treasurer, Arizona State Treasurer's Office Jeffrey Ong, AZ529 Plan Administrator, Arizona State Treasurer's Office Tiffany Spudich, Chief Client Officer, Capital Cities Susan Somers, Capital Cities Dennis Stevenson, Chief Investment Officer, Arizona State Treasurer's Office Tim White, Director of Endowments, Arizona State Treasurer's Office – via Webex Jake Richardson, LGIP Portfolio Manager, Arizona State Treasurer's Office Eric Stivers, Financial Analyst, Arizona State Treasurer's Office Michael Sinca, Investment Accounting Manager Janine Schuster, Investment Accounting Supervisor Nick Barnhiser, IT Manager, Arizona State Treasurer's Office Alyssa Koury, Public Information Officer, Arizona State Treasurer's Office Leslie Stone, Executive Assistant, Arizona State Treasurer's Office

#### 1. Call to Order

Treasurer Yee called the March 28, 2024, Board of Investment meeting to order at 1:00 pm

#### **Treasurer's Comments**

Before we call the roll, I want to say we have still not received any paperwork on an appointment of a director or interim director for the Arizona Department of Insurance and Financial Institutions so that position on the board remains vacant.

#### 2. Approval of Minutes

Harry Papp moved for the February 27, 2024, meeting minutes be approved as distributed. Seconded by Treasurer Yee. The motion CARRIED unanimously.

#### 3. AZ529 Arizona's Educational Savings Plan

#### A. Monthly Program and Marketing Review

**Jeffrey Ong, AZ529 Plan Administrator, reported that as of February 29, 2024, total** AZ529 Plan Assets Under Management were \$2.19 billion up 19.3% Year Over Year, and a new record high for monthly AUM for our records dating back to 2016. The total AZ 529 Plan Accounts were at 108,330, up 6.3% Year Over Year. Fidelity remains the largest provider with 68.7% of Assets and 70.6% of Accounts. Goldman Sachs remains the second largest provider holding 31.1% of Assets and 28.8% of Accounts. College Savings Bank holds the remaining 0.2% of Assets and 0.5% of Accounts. Arizona residents held 52.4% of total Assets and 58.9% of total Accounts, with the rest held by Non-Residents.

Our February marketing update on the AZ529 plan delivered high marks for impressions and clicks and the Spanish-speaking audience was the most engaged audience overall. Our social media marketing promoted the art contest with the "Dream Draw Win" message and reached 114,095 people. We had a record setting number of entries with 618 total entries representing each Arizona county and every school type. This was up from 343 last year. Judges will select 15 winners and Treasurer Yee will recognize the winners and present them with a giant check for \$529 during an awards ceremony on April 10<sup>th</sup> at the State Capitol. For the AZ529 program from October 2020, after 41 months of operation, our 529 accounts have increased by 38,903 accounts and assets are up 35.1% in that same time frame to \$2.19 billion.

#### **B.** Investment Structure Review and Fee Analysis

Additionally, Tiffany Spudich and Susan Somers, of Capital Cities, presented an Investment Structure Review and Fee Analysis for the AZ529, Arizona's Education Savings Plan (Direct-sold Plan with Fidelity), Ms. Spudich highlighted the investment menu, noting that AZ529 offers a diversified investment menu that is tailored to Directsold 529 Account Owners. Capital Cities continues to closely monitor the Plan for potential enhancements. Ms. Spudich discussed that the Plan's Morningstar medalist rating upgrade from Bronze to Silver distinguishes AZ529's Plan competitiveness relative to peers.

Ms. Somers provided an overview of the plan's expenses. She noted that Fidelity is an industry leader in low-cost, including its 529 Age-Based, Static and Individual Index Portfolios.

#### C. AZ529 Investment Policy Statement revisions and adoption

Ms. Spudich also presented a Restated IPS for the 529 Program; given new SECURE 2.0 language that was added. The Bank Plan language was updated to reflect the completed transition. Additionally, the Proxy Voting policy and Procedures section was also changed to reflect current practices. Finally, the Appendix section was edited to reflect current assets and a new underlying fund within the Fidelity Age-Based and Static Portfolios.

Treasurer Yee requested a motion on the approval of the Restated IPS.

Harry Papp moved for approval of the Restated IPS. Seconded by Treasurer Yee. The motion CARRIED unanimously.

#### 4. Investment Outlook and Summary Review of the Treasurer's Monthly Reports

#### A. <u>State Agency Earning Distributions, Average Invested Balances, and</u> <u>Performance Reports</u>

**Dennis Stevenson, Chief Investment Officer,** highlighted the results of the State Agencies performances for the month of February 2024.

#### B. LGIP Yield Analysis, Pool Investments and Performance Reports

Jake Richardson, Portfolio Manager highlighted the results for the Local Government Investment Pools performance for the month of February 2024.

#### C. <u>Endowment Earnings Distributions, Land Sale Monthly Proceeds Endowment</u> <u>Funds, Endowment Investments and Performance Reports</u>

**Tim White, Director of Endowments,** reported the results and highlights for the Endowment performances for the month of February 2024.

#### 5. Discussion and Action: Approval of February 27, 2024 Report

Treasurer Yee requested a motion on the approval of February 2024 report.

Harry Papp moved for the approval of the February 2024 Monthly Report. Seconded by Treasurer Yee. The motion CARRIED unanimously.

6. Approval of Broker Dealers: US Bancorp. & AmeriVet

Treasurer Yee requested a motion on the approval of the Broker Dealers.

Harry Papp moved the approval of the Broker Dealers. Seconded by Treasurer Ford. The motion CARRIED unanimously.

#### 7. <u>Treasurer's Report</u>

Treasurer Yee thanked members for their time and thanked the investment team for their continued excellent work. The Treasurer noted the LGIP pools earned 84.2% more than last year so far, earning \$27.7 million for the month, and bringing the fiscal year to date totals to \$215 million.

State Agencies to date this fiscal year have earned \$481.6 million, up 44.7% from last year. Combined, the LGIP and State Agencies have totaled \$690.8 million, compared to just \$446.6 million a year ago. Of that amount, \$262.1 million is for the State General Fund.

The LGIP total assets in February were \$ 6.76 billion, that is a \$3.4 billion increase in assets since the Treasurer took office, a 100 % increase. It also represents a new record in total AUM for the LGIP. State Agency funds totaled \$15.3 billion in February, \$8.8 billion more than when the Treasurer took office, a 136 % increase.

The Treasurer highlighted that the Permanent Land Endowment Trust Fund market value was \$8.4 billion at the end of February, which is a 44.8% increase since she took office in January 2019. The 10-year annual total return was 7.79 % in February.

For the AZ529 program, since October 2020, after 41 months of operation, the 529 accounts have increased by 38,903 accounts and assets are up 35.1% in that same time frame to \$2.19 billion.

I would like to take a moment to Thank Treasurer Beth Ford for her 15 years of service as a Member of the Board of Investment having been appointed in April of 2009. I also want to recognize her 23 years of service as the Pima County Treasurer. Thank you, Treasurer Ford, for your years of service to our state!

#### 8. <u>Market Outlook</u>

Harry A. Papp, CFA & Managing Partner, L. Roy Papp & Associates, LLP, also Member of Board of Investment, provided the Board with a brief overview and gave his insight for the market outlook update.

#### 9. <u>Call to the Public</u>

There was no public comment.

#### 10. <u>Notice of Next Meeting</u>

Treasurer Yee announced that the next board meeting will be held on Tuesday, April 30, 2024, at 1:00 p.m.

#### 11. <u>Adjournment</u>

With no further business to discuss, Harry Papp moved that the meeting be adjourned. Seconded by Treasurer Ford. The motion CARRIED unanimously. The meeting adjourned at 1:42 pm.

State Treasurer's Report April 30, 2024 Meeting Minutes of March 28, 2024, Meeting

Respectfully Submitted by:

Leslie Stone Executive Assistant

Approved by:

Date

Kimberly Yee Chair (This page intentionally left blank)





KIMBERLY YEE TREASURER

## Investment Summary | March 2024

## Overall Performance – Where We Are Now

- State Agency Pools:
  - Total assets: \$14,956,356,763
  - March earnings distributed: \$59,104,140 (+0.03% YoY)
  - General Fund earnings distributed: \$28,472,198 (-21.60% YoY)

## Outlook |

The GDP was reported at a dismal I.6% Quarter over Quarter comparison for 1Q2024. It was expected to grow at a 2.5% rate after posting a 3.4% rate in the previous three months. This is the bellwether statistic for the economic health of the country. The core PCE Price Index was reported at +3.7% vs and expected 3.4% with a prior reading of just 2%. These statistics tell us that inflation is diminishing the buying power of the American consumer, and they are in the process of curtailing purchases. The consumer makes up the majority of all economic growth. Government spending is another major factor for economic growth, unfortunately it's currently financed with ever-increasing debt with an ever-increasing interest expense.

Durable goods orders were 2.6% versus an anemic expectation of 2.5%. The NY Fed Manufacturing Index was weak at -14.3 VS an expectation of -5.2. The unemployment rate continues to remain low at 3.8%. although many individual labor markets reflect a contraction of high wage jobs typically referred to as white-collar. Another caveat of this rate is that it does not include recent immigrants that reportedly number in the millions. The labor participation rate remains at 62.7%. Consumer Confidence may be showing signs of weakening with the University of Michigan Consumer Sentiment Index at 77.9, down from 79.4. The Consumer Price Index was reported at +3.5% YoY up from the previous 3.2%.

The Federal Reserve has a quandary, with inflation above expectations, cutting rates at this time could exacerbate the problem. The market still expects the Federal reserve to cut the discount rate 25bps at least once this year. The NY Fed still has 1-year inflation expectations at 3.0%, above the stated goal of 2% inflation. US debt continues to grow, while tax revenue grows at a slower rate. This is the first time this has happened since WWII. The interest expense on our national debt is approaching \$1 trillion annually, the largest amount ever and almost the same cost as our entire defense budget. One-year treasuries are at 5.20 % and 10-year treasuries are currently at 4.71% up from 4.2% last month. This spread is negative. Historically, you are paid more for lending funds for a longer duration.

The Israeli military continues its Gaza battles with Hamas. Several American universities have canceled classes due to ongoing pro-Hamas demonstrations even though they are named a terrorist organization by the U.S. state Department.

## Strategy: Monthly Commentary |

Our strategy has worked well during the recent rate increases, and with our low duration, we have not risked significant unrealized losses. This strategy has given us good returns despite asset under management balances decreasing.

Dennis Stevenson, CIO

After lowering duration to extreme levels at near-zero interest rates, I reversed course and added duration at higher interest rates with every successive increase by the Federal Reserve. This strategy earned over \$575 million in state agency pools last fiscal year. We are adding to our current short-term bond positions with the highest-rated, least-risky, Treasury bonds, even at the cost of yield. We are very selectively redeploying small amounts of capital into high-grade corporate bonds as these new issues become available. The interest rate spread between high-grade corporate bonds and Treasuries has shrunk to historic lows.

## Alternative Scenarios |

There are several scenarios we continue to monitor which could change our expectations:

- China becomes more militaristic toward countries in the Pacific, including the Philippines
- Hamas releases the civilian hostages
- American consumers cut back spending
- Energy prices increase dramatically
- The influx of unhoused illegal immigrants causes a breakdown in basic government services
- Terrorists cross the American southern border
- US and world equities have a major correction

### State Agency Investment Pool Balances

	March 31, 2024	March 31, 2023	YoY Change
Pool 2 FF&C	\$2,694,892,546	\$2,290,445,221	+\$404,447,325
Pool 3 Internal	\$6,031,684,927	\$6,761,373,446	-\$729,688,519
Pool 3 External	\$118,685,552	\$112,811,817	+\$5,873,735
Pool 4 Gov.	\$1,327,004,355	\$1,152,247,577	+\$174,756,778
Pool 10 Internal	\$1,069,706,170	\$823,272,450	+\$246,433,720
Pool 10 External	\$474,951,376	\$531,397,427	-\$56,446,051
Pool 12 CAWCD	\$559,623,662	\$562,604,130	-\$2,980,468
Pool 15 Operating	\$2,492,769,334	\$4,643,620,194	-\$2,150,850,860
Pool 16 ECDHB	\$187,038,842	\$219,024,887	-\$31,986,045
TOTAL STATE AGENCY	\$14,956,356,763	\$17,096,797,149	-\$2,140,440,386

## Local Government Investment Pools (LGIP) Summary

#### Overall Performance – Where We Are Now

#### > Local Government Investment Pools:

- Total assets: \$6,753,158,525
- Total March earnings: \$29,399,447; +32.15% vs. March 2023
- Total fiscal year-to-date yields:
  - Pool 5: 5.36%; +190bps vs. March 2023
  - Pool 7: 5.29%; +201bps vs. March 2023
  - Pool 500: 3.73%; +124bps vs. March 2023
  - Pool 700: 3.89%; +193bps vs. March 2023

### Strategy: Short-term Pools 5 & 7

The FOMC will meet April 30<sup>th</sup> and May 1<sup>st</sup> and expectations are that they will hold the Fed Funds rate at current levels. The Federal Reserve members are still calling for three rate cuts this year. We will see if they change this stance at the next meeting. Inflation has been higher than expected for the first three months of the year and unemployment has remained low. The market has now only priced in one rate cut this year, likely at the December meeting. Pools 5 and 7 will maintain higher cash balances through the rest of FY24. We will maintain our WAM targets at 40-to-50 days.

### Strategy: Intermediate Pools 500 & 700 |

The yield for the 2- and 5-year treasury notes were at 5% and 4.72%, respectively. The 2-year notes increased 36bps and the 5-year notes increased by 48bps over the last month. This was driven by the market's expectations that the Federal Reserve will have to keep interest rates higher for a longer period. Pools 500 and 700 will continue to have higher allocations to cash and short-term investments. We will also be patiently adding longer-term investments in high grade corporates and treasury bonds.

#### LGIP Investment Pool Balances

	March 31, 2024	March 31, 2023	YoY Change
Pool 5 LGIP	\$3,106,282,638	\$2,571,209,168	+\$535,073,470
Pool 7 LGIP FF&C	\$2,720,967,505	\$2,386,288,783	+\$334,678,722
Pool 500 LGIP Med.	\$684,756,675	\$651,343,112	+\$33,413,563
Pool 700 LGIP Med FF&C	\$241,151,706	\$291,947,977	-\$50,796,271
TOTAL LGIP	\$6,753,158,525	\$5,900,789,040	+\$852,369,485

## Overall Performance – Where Are We Now | Long-Term Performance Remains Stellar

Highlights:

• PLETF 10-YR returns beat the 10-YR average return for All Institutions in the NACUBO- Study of Endowments for the tenth straight year

- PLETF March total return +2.59%
- PLETF trailed aggregate benchmark by -8bps in March; Outperforming benchmark +49bps FYTD
- PLETF 10-year annualized total return: +8.03%; +17bps vs benchmark
- Prop 123 record high monthly distributions at \$38.01MM; +\$1.94MM vs FY23
- AETF March total return +2.68%
- AETF trailed aggregate benchmark -1bps in March (rounding); Outperforming +28bps since inception
- AETF inception-to-date total return: +8.33%

#### **Big Picture:**

- > PLETF fair market value: \$8,625,853,206; new month-end high market value
- Fair Market Value up +\$181.3MM MoM; up +\$1.11BN YoY (net of distributions)
- FYTD2024 distributions \$342.1MM; up +\$17.5MM vs FY2023
- PLETF 12-Month return +16.88% vs benchmark +16.08%, outperforming by +80bps
- Annualized 10-year total return through March is +8.03% versus Feb. at +7.79%; +24bps MoM
- PLETF Unrealized Gains: \$5.58BN
- March PLETF Realized Gains: +\$109.2MM
- March TRR PLETF +2.59% vs benchmark +2.68%
- Pool 205 Fixed Income 1-year return has outperformed FTSE Broad Investment Grade Index by +228bps; Follows FY '23 +246bps outperformance and FY '22 +527bps outperformance!
- 2020 January, February, March, April (2), July (2), Sept, Nov, Dec (2), 2021 Jan, May, Sept, 2022 May, July (2), March 2024(2) PLETF & AETF Rebalances Complete

## Equity Strategy: Rebalance to Risk Targets | 19 Rebalances/50 Months

Since 2020 the strategy of rebalancing to our risk targets was triggered eleven times in the PLETF and six times in the AETF. Our 2020/2021 rebalancing strategy was responsible for generating over \$517MM in realized gains in the PLETF and over \$155K in the AETF. These profits have helped ensure enough cash to continue to make distributions under Proposition 123. PLETF rebalance triggers were reached in nine months for selling equities and buying fixed income assets, and triggers for selling fixed income and buying equities were reached in two months. These policy actions bring us back to original risk targets (with significant realized gains) as we continue to view our equity strategy as a long-term driver of returns for the PLETF. Exposure to U.S. equities has been a tremendous value-add over time and although markets periodically have correction phases, long-term equilibrium has rewarded patient, disciplined investors with positive returns that outpace inflation and build trust value in *real* terms – especially with sound rebalancing disciplines, which we employ. The AETF has similar exposure and has been rebalanced seven times, realizing gains of over \$1.5MM with a total return inception-to-date of 8.33%, +28bps versus the benchmark.

## Fixed Income Strategy: Maintain Liquidity | Position for Rising Rates/Inflation

As a result of strong long-term PLETF investment returns, the Prop 123 distribution has once again increased significantly and beginning in July 2024 is paying record distributions of \$483.1MM - up from \$456.1MM the prior fiscal year. We had taken the opportunity resulting from equity rebalancing to reduce fixed income duration in Pool 205 and bolster necessary liquidity in Pool 123 to continue to make these increased monthly distributions in a timely manner for our K-12 education and other beneficiaries and take advantage of reinvestment at significantly higher rates. Clearly, we were correct in disagreeing with the notion that inflation was "transitory". Appropriately, we maintained this defensive, short duration bias and continued opportunistically adding variable rate fixed income holdings with an eye on reallocating portfolio risk and increasing yield in light of possible interest rate decreases by the Federal Reserve. This strategy has proven extremely fortuitous as the Fed had taken a very hawkish tone continuing on a higher rate for longer regime. Hence, **Pool 205 has again outperformed the FTSE BIG Index** benchmark over the past three years, now by a massive +289 basis points through March 2024. Pool 205 outperformed the FTSE BIG Index in fiscal year 2023 by +246 basis points, following record outperformance in fiscal year 2022 of +527 basis points. However, with perceived risks of a recession scenario having risen somewhat, we are working incrementally to reduce our significant short duration bias. During the month we put cash to work in money market cash equivalents, US Govt Agencies and Agency MBS (5.372%-6.30%), opportunistically adding incremental duration as the market selloff has made rates more attractive. The focus was on safety via US Govt Agency paper, and US Agency MBS that perform well if rates drop, while paying attention to extension risk. Existing floating rate securities in the portfolio continued to mature and provide dry powder for strategic duration extensions at higher rates. We continue to look for opportunistic ways to sensibly add convexity and duration to lock in significant outperformance versus the benchmark and hedge against the scenarios of subdued inflation, Russian war/geopolitical developments, Israel/Hamas conflict and/or an economic downturn. We will become more aggressive with duration as market conditions change and it is deemed prudent, though we remain concerned about persistent inflation. We continue to use other bond ETFs in the PLETF for diversification and in fact already added bond ETFs (BND & SPAB) with the AETF fixed income allocation. Month-end duration on Pool 205 was at 3.37 years (+0.01 MoM), outperforming (+228bps 1 YR versus benchmark) with rates higher than 12-months ago. Note the forward-looking Bloomberg Bond Yield Forecast compiled by averaging 56 wall street economist's forecasts:

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Rate	Mkt Yld	Q2 24	Q3 24	Q4 24	Q1 25	Q2 25	Q3 25	Q4 25	Q1 26	Q2 26	Q3 26
United States											
US 30-Year	4.78	4.55	4.40	4.27	4.21	4.15	4.07	4.06	3.98	3.99	4.00
US 10-Year	4.67	4.36	4.19	4.04	3.99	3.92	3.81	3.78	3.76	3.76	3.78
US 5-Year	4.68	4.37	4.17	3.98	3.88	3.78	3.67	3.63	3.56	3.56	3.55
US 2-Year	4.98	4.62	4.35	4.06	3.88	3.73	3.56	3.45	3.42	3.42	3.40
US 3-Month Term SOFR	5.33	5.25	5.02	4.68	4.38	4.09	3.87	3.65	3.59	3.45	3.42
Fed Funds Rate - Upper Bound	5.50	5.45	5.20	4.90	4.55	4.30	4.05	3.90	3.65	3.50	3.45
Fed Funds Rate - Lower Bound	5.25	5.22	4.95	4.64	4.31	4.05	3.82	3.63	3.42	3.26	3.18
2 Year - 10 Year Spread	-0.32	-0.25	-0.16	-0.02	0.11	0.19	0.25	0.33	0.34	0.34	0.38

\*Table presented as-of 4/26/2024.

## Endowment Monthly Land Sale Proceeds

- ➤ +\$401K in March
- -\$26.4MM vs February
- ► -\$624K YoY

### Endowment Prop 123 Distributions

- > \$38.0MM total/\$35.4MM for K-12 successfully distributed on time from Pool 123 in March
- ▶ FYTD K-12 distributions \$318.19MM; up +\$16.35MM YoY
- > Pool 123 has laddered liquidity of approximately 8 months and took advantage of high reinvestment rates

## Pool Performance |

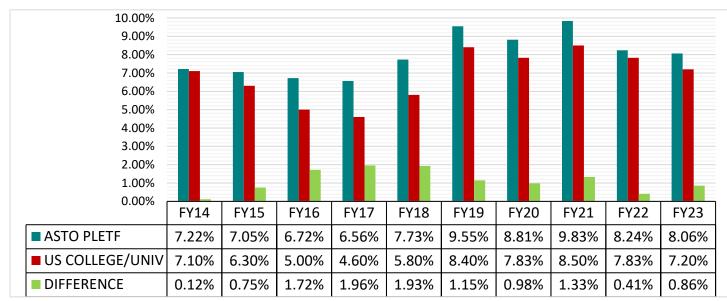
Equity/Fixed Income Pools:

- Pool 201 Large Cap Equity lead the S&P 500 by +3bps MoM at +3.25%
- Pool 203 Mid Cap Equity trailed the S&P 400 by -20bps MoM at +5.39%
- Pool 204 Small Cap Equity lead the S&P 600 by +7bps MoM at +3.30%
- Pool 205 trailed the FTSE BIG Index by -14bps MoM at +0.71%
- Pool 123 returned +0.46% for March, matching the LGIP benchmark

### Long-Term PLETF Performance & Distribution Comparison | PLETF VS US COLLEGE/UNIVERSITY ENDOWMENTS

**10YR ANNUALIZED AVG RETURN COMPARISON** 

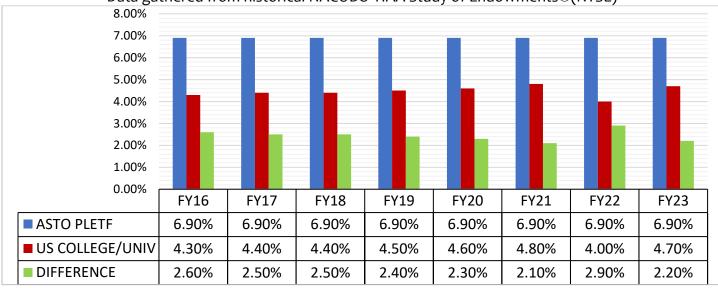
Data gathered from historical NACUBO-TIAA Study of Endowments©(NTSE)



PLETF VS US COLLEGE/UNIVERSITY ENDOWMENTS

ANNUAL DISTRIBUTION RATE

Data gathered from historical NACUBO-TIAA Study of Endowments<sup>©</sup>(NTSE)



#### EARNINGS DISTRIBUTION - INVESTMENT POOLS MARCH 2024

		Earnings D	istributed		Fiscal YTD
Recipient	MARCH 2024	Fiscal <u>YTD 23/24</u>	Fiscal YTD 22/23	Change from Previous Year	Investment Management <u>Fees Received</u>
General Fund (1)	\$28,472,198	\$ 290,578,495	\$ 258,451,881	12.4%	
2 State Agencies - Full Faith & Credit (2)	9,024,556	73,625,454	34,675,120	112.3%	\$1,001,122
3 State Agencies - Diversified (2) (3)	10,300,503	82,762,609	43,447,278	90.5%	4,059,810
4 State Agencies - Gov (2)	3,524,726	26,812,060	18,373,657	45.9%	509,061
5 LGIP (2)	13,619,356	114,053,482	64,053,369	78.1%	1,204,132
7 LGIP Gov (2)	12,279,097	99,972,783	56,460,380	77.1%	1,036,187
9A Public School Credit Enhancement (4)	0	0	0	0.0%	45,634
10 State Agencies Med/Tax-exempt non-AMT	5,414,465	45,893,225	21,202,014	116.5%	632,186
12 CAWCD Medium-Term	1,809,256	16,040,092	11,360,090	41.2%	246,588
16 ECDH Medium-Term	558,435	5,043,147	4,510,784	11.8%	97,722
Subtotal	85,002,593	754,781,345	512,534,575	47.3%	8,832,441
NAV POOL					
500 LGIP - Med Term	2,264,735	19,004,412	12,039,096	57.9%	277,498
700 LGIP - FF&C Med Term (2)	535,210	4,846,158	2,788,148	73.8%	110,467
Total	\$87,802,538	\$778,631,915	\$527,361,818	47.6%	\$9,220,407
MARCH 2023 TOTALS	\$ 80,713,884				\$9,493,775

(1) Pool 15 State Agencies Operating Liquidity operating earnings are reported in General Fund

(2) Earnings are net of operating earnings, which are reported in the General Fund

(3) Pool 15 State Agencies Operating Liquidity operating management fees are reported in Pool 3, State Agencies Diversified (Combined)

(4) Pool 9A represents \$80 million invested in School Funding Obligations; earnings on this investment revert to the General Fund

### OPERATING MONIES AVERAGE INVESTED BALANCE

Through March 31, 2024 (in millions)

<u>Month</u>	Fiscal Year <u>2021/2022</u>	Fiscal Year 2022/2023	Fiscal Year <u>2023/2024</u>
JULY	\$7,377	\$11,345	\$9,411
AUGUST	5,881	10,673	8,541
SEPTEMBER	6,017	10,939	8,653
OCTOBER	6,300	11,491	8,864
NOVEMBER	6,537	11,305	8,119
DECEMBER	7,054	11,223	7,734
JANUARY	7,523	11,466	7,802
FEBRUARY	7,790	10,851	7,218
MARCH	8,155	10,124	7,016
APRIL	8,904	9,890	
MAY	10,027	9,786	
JUNE	11,660	10,178	
Y-T-D Average	\$6,959	\$11,046	\$8,151
Full Year Average	\$7,769	\$10,773	\$8,151

#### STATE AGENCY POOLS PORTFOLIO EARNINGS ANALYSIS MARCH 2024

FUND	DESCRIPTION	Current Month 03/31/24	Prior Month 02/29/24	Prior Year 03/31/23	Net Asset Value Per Share
2	STATE AGENCIES - FULL FAITH & CREDIT	\$9,699,251	\$8,951,786	\$6,751,300	0.994354
3	STATE AGENCIES - DIVERSIFIED				
	INTERNAL MANAGERS	23,459,320	22,136,140	21,865,549	0.989261
	EXTERNAL MANAGERS	441,139	407,629	287,971	0.995153
	FUND 3 TOTAL	23,900,459	22,543,769	22,153,520	0.989374
4	STATE AGENCIES - GOV	4,617,340	4,173,620	3,185,794	0.988812
9A	PUBLIC SCHOOL CREDIT ENHANCEMENT	430,323	402,622	337,177	0.994354
10	STATE AGENCIES MED-TERM/TAX-EX NON-AMT	2			
	INTERNAL MANAGERS	4,636,525	4,325,365	3,009,019	0.995676
	EXTERNAL MANAGERS	1,158,502	1,022,534	1,080,935	0.998053
	FUND 10 TOTAL	5,795,026	5,347,898	4,089,954	0.996406
12	CAWCD MEDIUM-TERM	1,809,256	1,717,379	1,544,986	0.946333
15	STATE AGENCIES OPERATING LIQUIDITY	11,548,828	11,447,165	19,800,563	0.999963
16	ECDH MEDIUM-TERM	558,435	530,872	604,196	0.930300
	TOTAL STATE AGENCIES	\$58,358,918	\$55,115,112	\$58,467,492	

STATE AGENCY POOLS
PORTFOLIO YIELD ANALYSIS
<b>MARCH 2024</b>

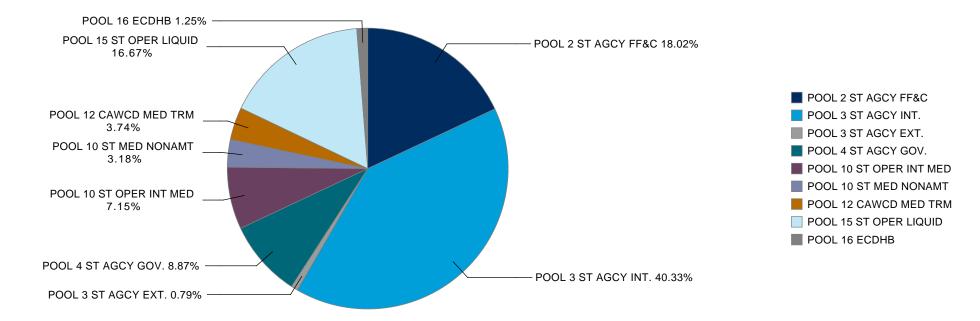
FUND	DESCRIPTION	Current Month 03/31/24	Prior Month 02/29/24	Prior Year 03/31/23
2	STATE AGENCIES - FULL FAITH & CREDIT	4.44%	4.43%	3.76% 4.53%
	50% Trailing 3-mo T-bill / 50% Bloomberg Barclays 1-3 year UST	5.01%	4.97%	4.33%
3	STATE AGENCIES - DIVERSIFIED			
	INTERNAL MANAGERS	4.50%	4.49%	3.85%
	EXTERNAL MANAGERS	4.36%	4.32%	2.95%
	COMBINED	4.49%	4.49%	3.84%
	50% 1 month T-bill /	5.11%	5.09%	4.48%
	50% Bloomberg Barclays 1-3 year US Agg			
4	STATE AGENCIES - GOV	4.07%	4.05%	3.21%
	50% Trailing 3-mo T-bill /	5.01%	4.98%	4.54%
	50% Bloomberg Barclays 1-3 year US Gov			
9A	PUBLIC SCHOOL CREDIT ENHANCEMENT	4.44%	4.43%	3.76%
10	STATE AGENCIES MED-TERM/TAX-EXEMPT NON-AMT			
	INTERNAL MANAGERS	5.08%	5.09%	4.32%
	EXTERNAL MANAGERS	2.87%	2.71%	2.39%
	COMBINED	4.40%	4.36%	3.56%
	50% Trailing 3-mo T-bill /	5.12%	5.09%	4.69%
	50% Bloomberg Barclays 1-3 year US Agg			
12	CAWCD MEDIUM-TERM	3.61%	3.67%	3.04%
	25% S&P LGIP Index /	4.98%	4.95%	4.64%
	75% Bloomber Barclays 1-3 year US Agg			
15	STATE AGENCIES OPERATING LIQUIDITY	5.32%	5.35%	4.67%
	Trailing 3-mo T-bill	5.37%	5.37%	4.68%
16	ECDH MEDIUM-TERM	3.27%	3.30%	3.04%
	25% S&P LGIP Index /	4.98%	4.95%	4.64%
	75% Bloomber Barclays 1-3 year US Agg			

March 31, 2024

STATE AGENCY



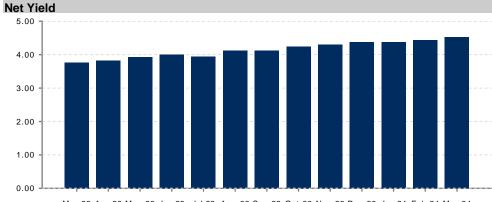
Manager Allocation



	Market Value	% of Portfolio
POOL 2 ST AGCY FF&C	2,694,892,546	18.02
POOL 3 ST AGCY INT.	6,031,684,927	40.33
POOL 3 ST AGCY EXT.	118,685,552	0.79
POOL 4 ST AGCY GOV.	1,327,004,355	8.87
POOL 10 ST OPER INT MED	1,069,706,170	7.15
POOL 10 ST MED NONAMT	474,951,376	3.18
POOL 12 CAWCD MED TRM	559,623,662	3.74
POOL 15 ST OPER LIQUID	2,492,769,333	16.67
POOL 16 ECDHB	187,038,842	1.25
TOTAL STATE AGENCY	14,956,356,763	100.00

March 31, 2024

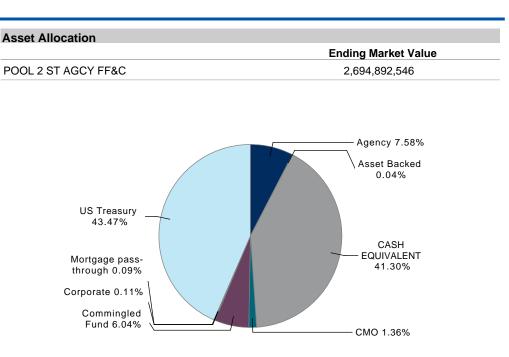
POOL 2 ST AGCY FF&C

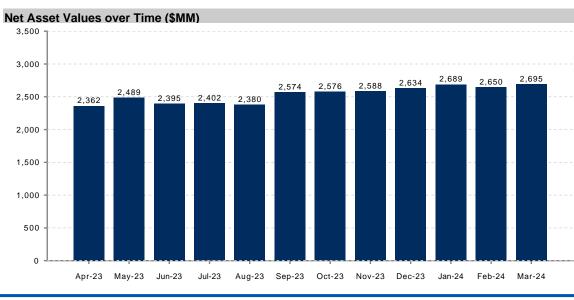


Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

	Current Mth	Prior Mth	1 Year Ago
POOL 2 ST AGCY FF&C	4.53	4.43	3.76

# STATE STREET





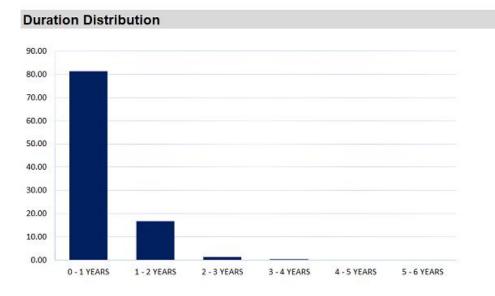
## **Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 2 ST AGCY FF&C		
DAIWA CAPITAL MARKETS	338,270,565	12.55
US TREASURY N/B	224,377,763	8.33
RBC CAPITAL MARKETS R	200,117,778	7.43
BMO TRIPARTY MTGE	150,088,333	5.57
JPMORGAN US TREASURY	107,866,110	4.00
MITSUBISHI UFJ REPO	100,162,861	3.72
TD SECURITIES	100,162,556	3.72
US TREASURY N/B	88,772,699	3.29
TREASURY BILL	87,045,785	3.23
US TREASURY N/B	75,843,750	2.81

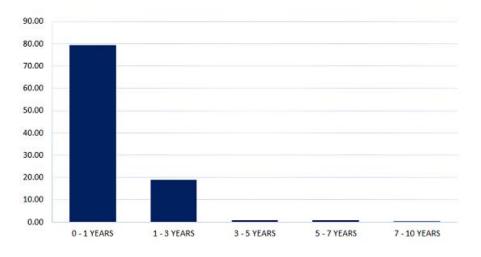
March 31, 2024

POOL 2 ST AGCY FF&C





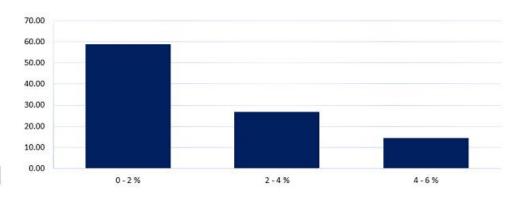
#### **Expected Maturity Distribution**

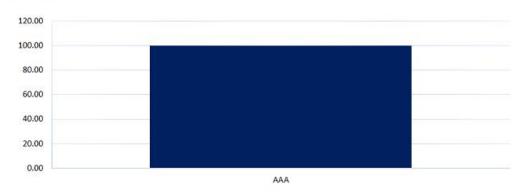


#### **Portfolio Level Characteristics**

	POOL 2 ST AGCY FF&C
Effective Maturity	0.52
Coupon	2.13
Effective Duration	0.48
Quality Rating (Moody's)	AAA

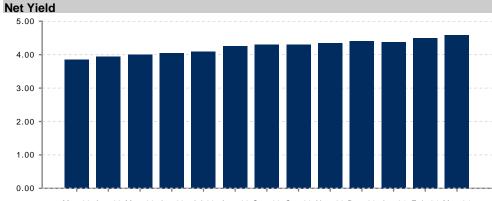
#### **Coupon Distribution**





March 31, 2024

POOL 3 ST AGCY INT.

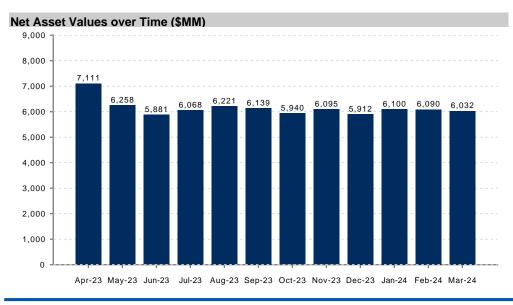


Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

	Current Mth	Prior Mth	1 Year Ago
POOL 3 ST AGCY INT.	4.59	4.49	3.85



#### Asset Allocation **Ending Market Value** POOL 3 ST AGCY INT. 6,031,684,927 Agency 7.14% Yankees 12.22% Asset Backed **US** Treasury 2.47% 5.00% Mortgage passthrough 0.11% Foreign 0.30% CASH FINANCIALS EQUIVALENT 0.08% 39.26% Corporate 33.03% CMO 0.39%

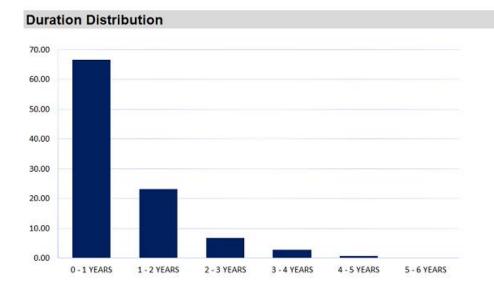


Ending Market Value	% of Portfolio
350,207,667	5.81
250,147,500	4.15
213,122,120	3.53
200,117,778	3.32
181,505,368	3.01
164,543,693	2.73
125,073,611	2.07
95,156,750	1.58
80,768,459	1.34
80,138,625	1.33
	Market Value 350,207,667 250,147,500 213,122,120 200,117,778 181,505,368 164,543,693 125,073,611 95,156,750 80,768,459

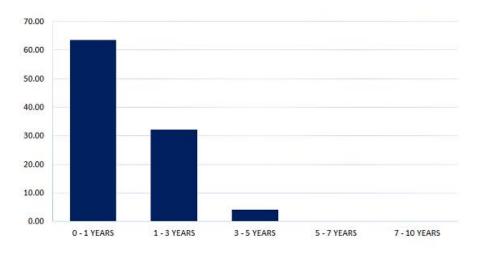
March 31, 2024

POOL 3 ST AGCY INT





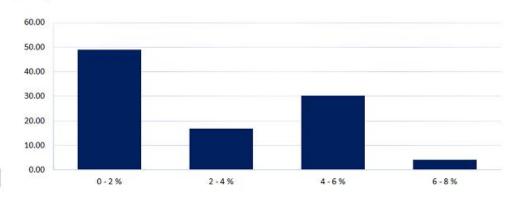
#### **Expected Maturity Distribution**

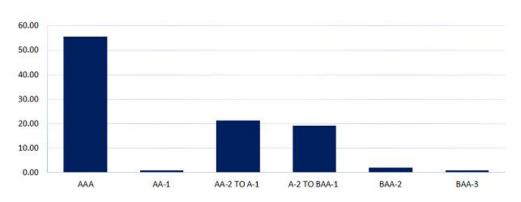


#### **Portfolio Level Characteristics**

	POOL 3 ST AGCY INT.
Effective Maturity	0.88
Coupon	3.72
Effective Duration	0.79
Quality Rating (Moody's)	AA-3

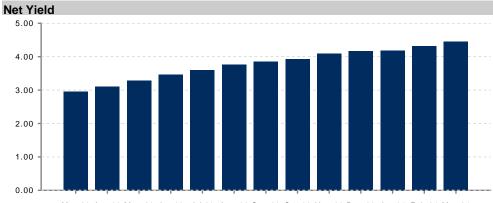
#### **Coupon Distribution**





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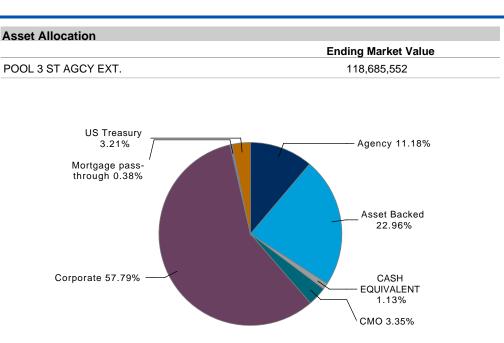
POOL 3 ST AGCY EXT.

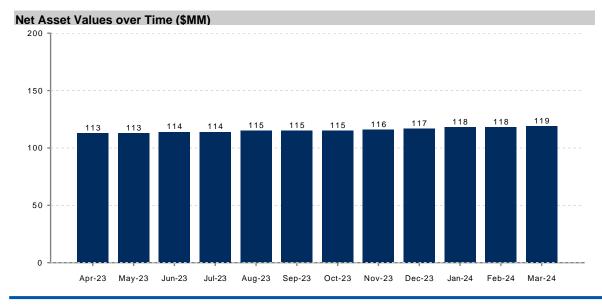


Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

	Current Mth	Prior Mth	1 Year Ago
POOL 3 ST AGCY EXT.	4.45	4.32	2.95

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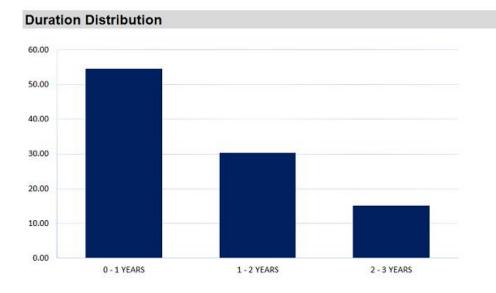


Top 10 Holdings		
Security Name	Ending Market Value	% of Portfolio
POOL 3 ST AGCY EXT.		
FHLMC MULTIFAMILY STRUCTURED P	2,282,384	1.92
HOME DEPOT INC	1,527,156	1.29
APPLE INC	1,520,466	1.28
INTUIT INC	1,472,569	1.24
PUBLIC STORAGE OP CO	1,395,402	1.18
NISSAN AUTO RECEIVABLES OWNER	1,363,882	1.15
ILA FINANCIAL SQUARE GOVT	1,347,241	1.14
CINTAS CORPORATION NO. 2	1,322,917	1.11
VERIZON COMMUNICATIONS	1,254,307	1.06
CITIZENS BANK NA/RI	1,227,093	1.03

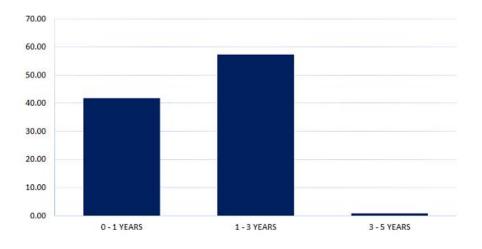
March 31, 2024

POOL 3 ST AGCY EXT





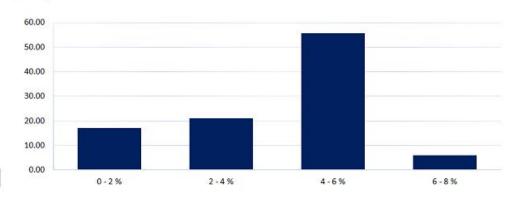
#### **Expected Maturity Distribution**

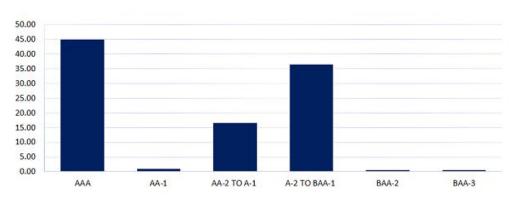


#### **Portfolio Level Characteristics**

	POOL 3 ST AGCY EXT.
Effective Maturity	1.28
Coupon	4.12
Effective Duration	1.06
Quality Rating (Moody's)	AA-3

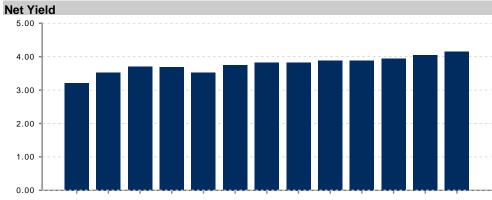
#### **Coupon Distribution**





March 31, 2024

POOL 4 ST AGCY GOV.



Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

	Current Mth	Prior Mth	1 Year Ago
POOL 4 ST AGCY GOV.	4.15	4.05	3.21



## Asset Allocation Ending Market Value POOL 4 ST AGCY GOV. 1,327,004,355 US Treasury 15.02% Mortgage passthrough 0.58% Commingled Fund 2.21% CMO 1.56% CASH EQUIVALENT 40.24%

Net Ass	et Values	over T	lime (\$	SMM)									
2,000 -													
1,500 -											4 000	1,327	
1,000 -	1,160	1,161	1,117	1,151	1,159	1,200	1,189	1,216	1,217	1,248	1,293	_	
500 -						-							
0 -				,		,		,				,	
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	

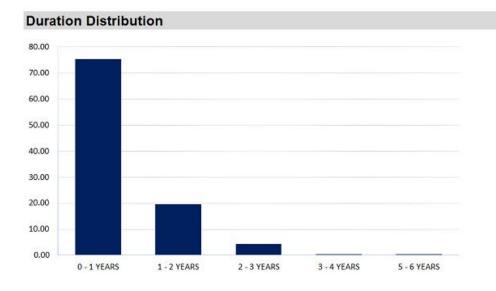
Ending Market Value	% of Portfolio
250,147,222	18.85
116,706,497	8.79
65,107,250	4.91
54,014,709	4.07
50,562,500	3.81
40,259,851	3.03
39,345,071	2.96
38,265,222	2.88
29,376,124	2.21
25,343,958	1.91
	Market Value 250,147,222 116,706,497 65,107,250 54,014,709 50,562,500 40,259,851 39,345,071 38,265,222 29,376,124

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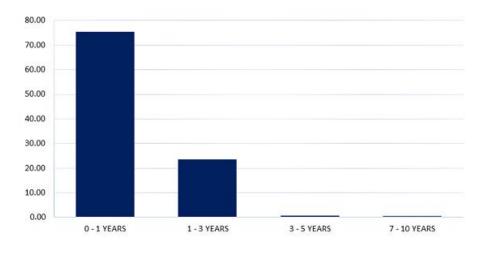
March 31, 2024

POOL 4 ST AGCY GOV





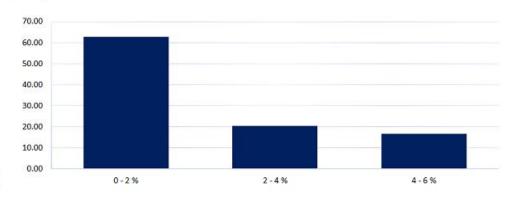
#### **Expected Maturity Distribution**

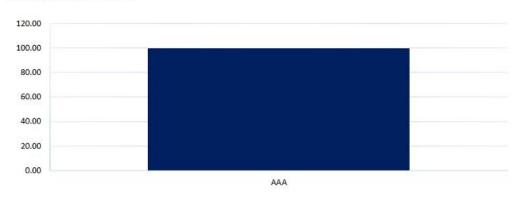


#### **Portfolio Level Characteristics**

	POOL 4 ST AGCY GOV.
Effective Maturity	0.65
Coupon	2.00
Effective Duration	0.62
Quality Rating (Moody's)	AAA

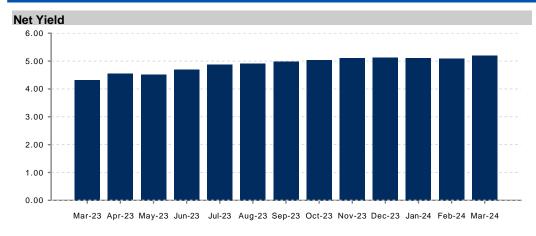
#### **Coupon Distribution**





March 31, 2024

POOL 10 ST OPER INT MED



	Current Mth	Prior Mth	1 Year Ago
ST OF AZ POOL 10 ST OPER INT MED	5.20	5.09	4.32

# 

CASH EQUIVALENT 60.43%

## POOL 10 ST OPER INT MED 1,069,706,170 Yankees 9.82% US Treasury 2.51% Mortgage passthrough 0.76% Corporate 11.60% CMO 1.75%

Asset Allocation

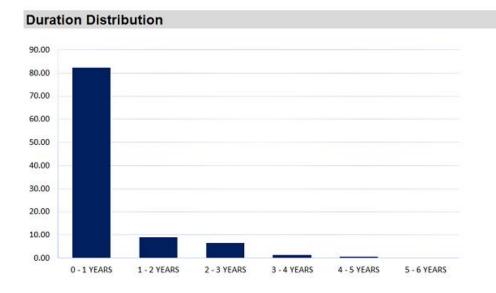
Net Asset Values over Time (\$MM) 2,000 1,500 1,000 500 6 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

Top 10 Holdings		
Security Name	Ending Market Value	% of Portfolio
POOL 10 ST OPER INT MED		
SOUTH STREET REPO	319,667,462	29.88
CANTOR FITZGERALD REPO	17,028,050	1.59
IBM INTERNAT CAPITAL	14,952,838	1.40
PACCAR FINANCIAL COR	11,188,436	1.05
CANTOR FITZGERALD REPO	10,046,242	0.94
AMHERST PIERPONT	10,016,347	0.94
METLIFE SHORT TERM FDG	5,297,567	0.50
PFIZER INC	5,226,356	0.49
BANK OF NOVA SCOTIA	5,159,491	0.48
CITIGROUP GLOBAL MARKETS	5,125,718	0.48

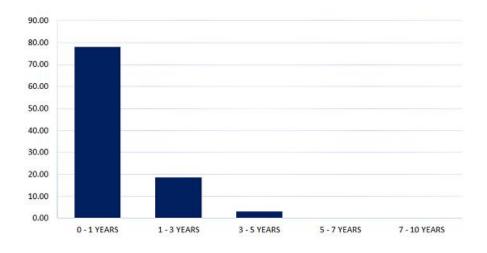
March 31, 2024

POOL 10 ST OPER INT MED





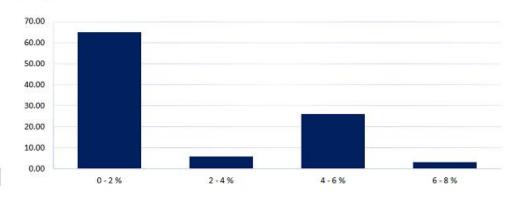
#### **Expected Maturity Distribution**

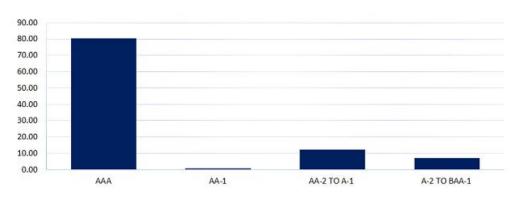


#### **Portfolio Level Characteristics**

	POOL 10 ST OPER INT MED
Effective Maturity	0.63
Coupon	4.71
Effective Duration	0.49
Quality Rating (Moody's)	AA-2

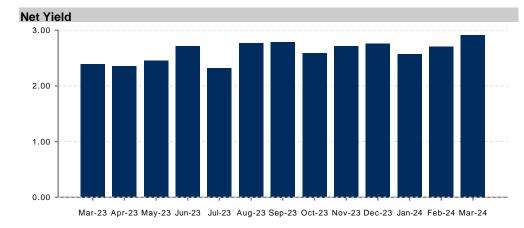
#### **Coupon Distribution**





March 31, 2024

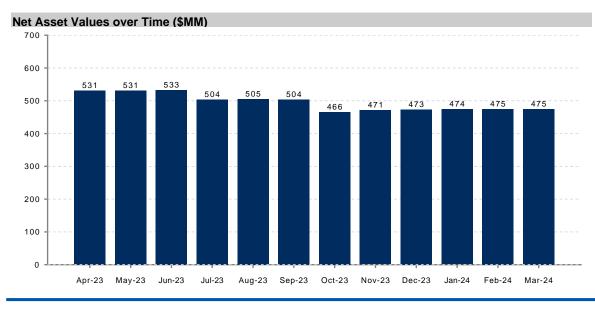
POOL 10 ST MED NONAMT



	Current Mth	Prior Mth	1 Year Ago
POOL 10 ST MED NONAMT	2.91	2.71	2.39



## Asset Allocation POOL 10 ST MED NONAMT 474,951,376 CASH EQUIVALENT 3.26% Municipal 96.74%

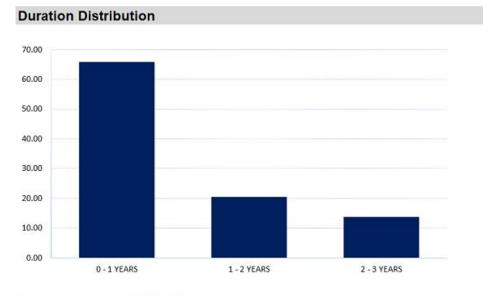


Top 10 Holdings		
Security Name	Ending Market Value	% of Portfolio
POOL 10 ST MED NONAMT		
WILLIAMSON CNTY TX	20,849,343	4.39
PORT TACOMA WA REVEN	20,308,786	4.28
HOUSTON TX UTILITY SYS	20,129,497	4.24
GEORGIA ST	20,095,845	4.23
INDIANA ST FIN AUTH HOS	20,048,743	4.22
BOSTON MA	19,496,429	4.10
WAKE CNTY NC	17,529,366	3.69
WEST VIRGINIA ST HOSP	17,404,699	3.66
MISSISSIPPI ST BUSINESS	17,350,317	3.65
LOUISVILLE JEFFERSON	16,140,905	3.40

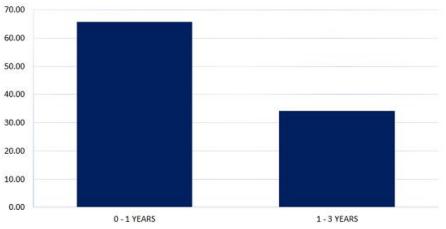
March 31, 2024

POOL 10 ST MED NONAMT





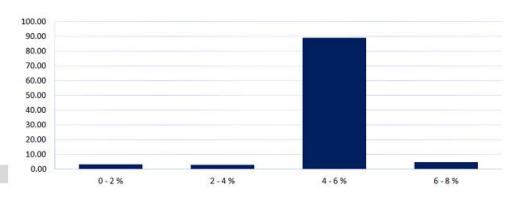
#### **Expected Maturity Distribution**

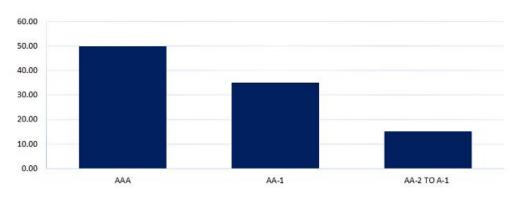


#### **Portfolio Level Characteristics**

	POOL 10 ST MED NONAMT
Effective Maturity	0.80
Coupon	5.44
Effective Duration	0.76
Quality Rating (Moody's)	AA-1

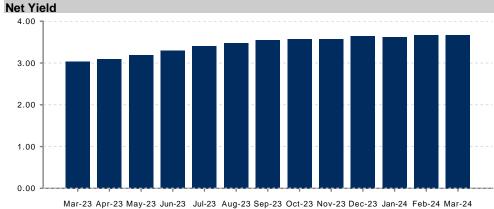
#### **Coupon Distribution**





March 31, 2024

POOL 12 CAWCD MED TRM

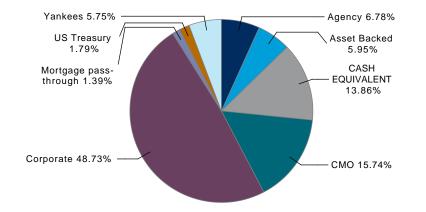


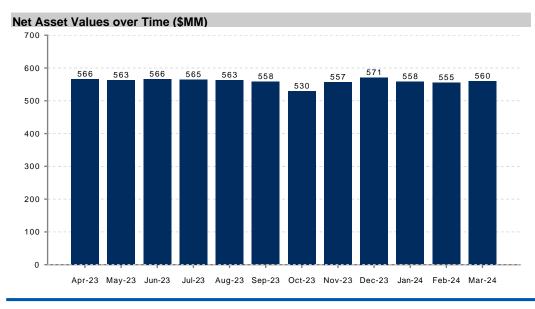
	Current Mth	Prior Mth	1 Year Ago
POOL 12 CAWCD MED TRM	3.67	3.67	3.04

#### Asset Allocation

POOL 12 CAWCD MED TRM

Ending Market Value 559,623,662





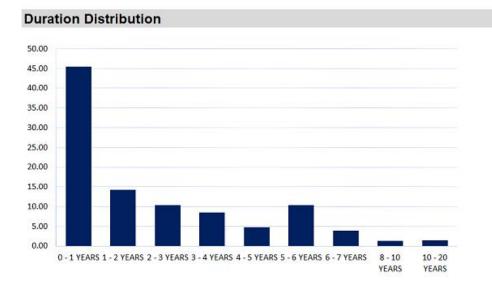
Ending Market Value	% of Portfolio
53,015,099	9.47
14,834,304	2.65
10,062,366	1.80
9,962,500	1.78
9,816,597	1.75
9,281,481	1.66
8,461,530	1.51
8,207,459	1.47
6,906,669	1.23
6,679,530	1.19
	Market Value 53,015,099 14,834,304 10,062,366 9,962,500 9,816,597 9,281,481 8,461,530 8,207,459 6,906,669



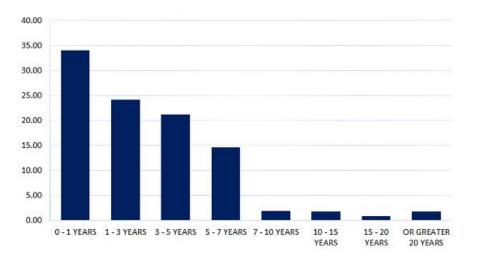
March 31, 2024

POOL 12 CAWCD MED TRM





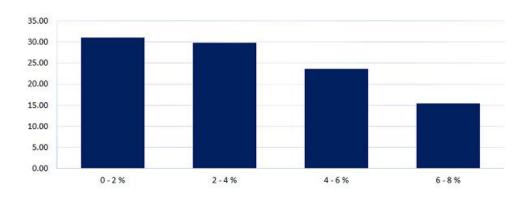
**Expected Maturity Distribution** 

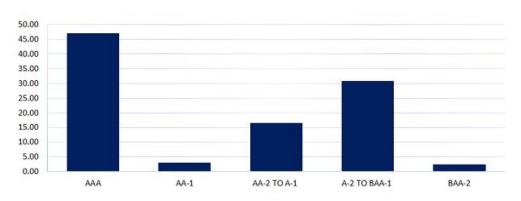


#### **Portfolio Level Characteristics**

	POOL 12 CAWCD MED TRM
Effective Maturity	3.31
Coupon	3.82
Effective Duration	2.18
Quality Rating (Moody's)	AA-3

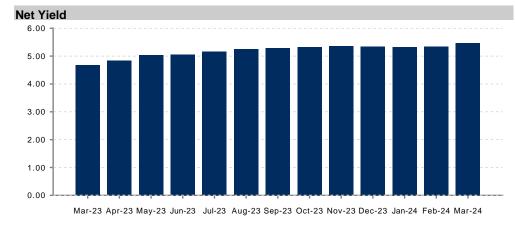
#### **Coupon Distribution**



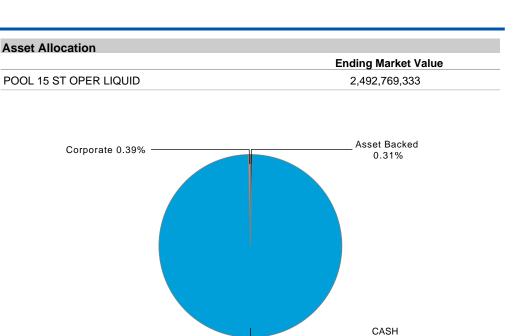


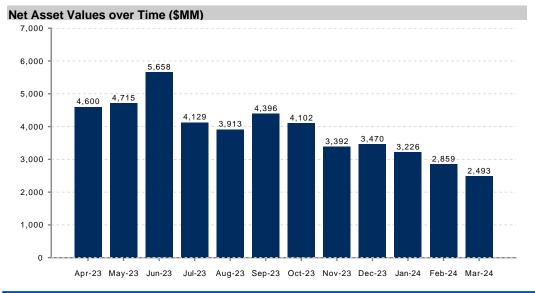
March 31, 2024

POOL 15 ST OPER LIQUID



	Current Mth	Prior Mth	1 Year Ago
ST of AZ POOL 15 ST OPER LIQUIDITY	5.46	5.35	4.67





Ending Market Value	% of Portfolio
267,900,672	10.75
250,148,333	10.03
250,147,500	10.03
189,900,895	7.62
143,711,863	5.77
137,540,649	5.52
133,258,951	5.35
125,073,611	5.02
104,394,616	4.19
75,122,833	3.01
	Market Value 267,900,672 250,148,333 250,147,500 189,900,895 143,711,863 137,540,649 133,258,951 125,073,611 104,394,616

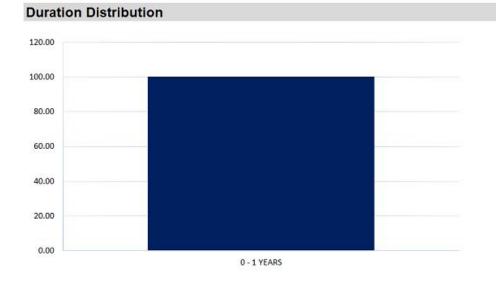
# 

EQUIVALENT 99.30%

March 31, 2024

POOL 15 ST OPER LIQUID

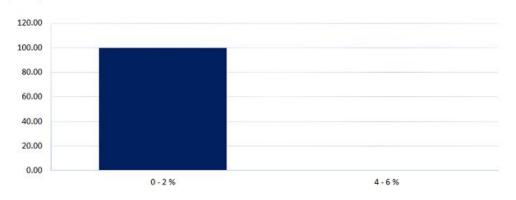




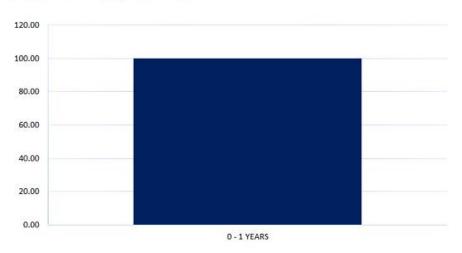
#### **Portfolio Level Characteristics**

	POOL 15 ST OPER LIQUID
Effective Maturity	0.06
Coupon	4.24
Effective Duration	0.06
Quality Rating (Moody's)	AAA

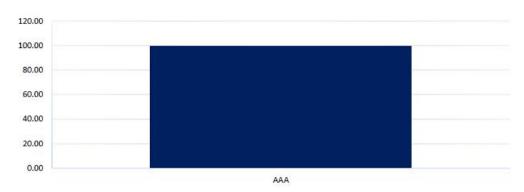
#### **Coupon Distribution**



## **Expected Maturity Distribution**

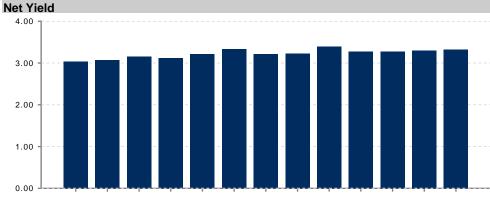


#### **Rating Distribution**



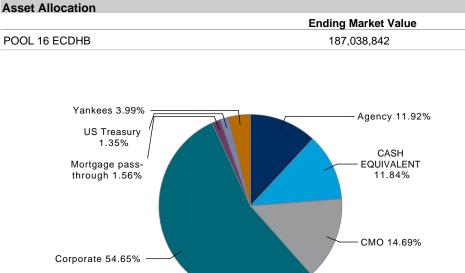
March 31, 2024

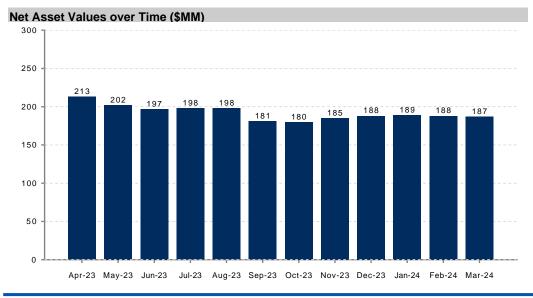
POOL 16 ECDHB



Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

	Current Mth	Prior Mth	1 Year Ago
POOL 16 ECDHB	3.32	3.30	3.04





Ending Market Value	% of Portfolio
22,215,564	11.88
5,049,263	2.70
5,030,191	2.69
5,019,773	2.68
5,018,743	2.68
5,006,909	2.68
4,984,397	2.66
4,936,662	2.64
4,713,555	2.52
4,644,289	2.48
	Market Value 22,215,564 5,049,263 5,030,191 5,019,773 5,018,743 5,006,909 4,984,397 4,936,662 4,713,555

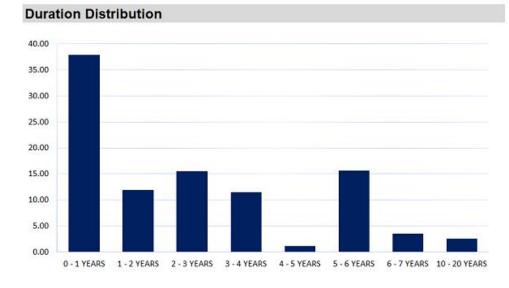
#### DHB



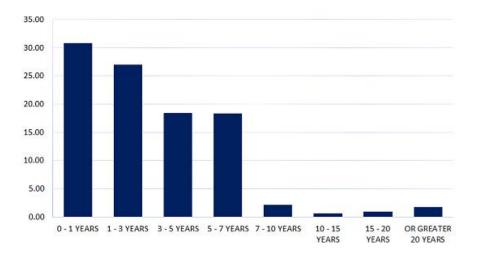
March 31, 2024

POOL 16 ECDHB





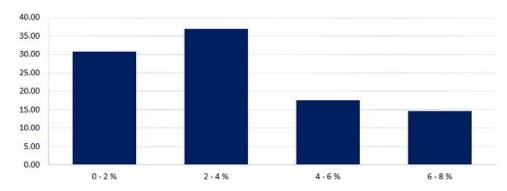
#### **Expected Maturity Distribution**



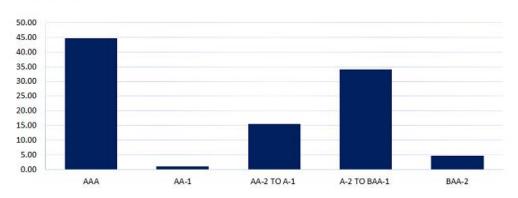
#### **Portfolio Level Characteristics**

	POOL 16 ECDHB
Effective Maturity	3.22
Coupon	3.45
Effective Duration	2.59
Quality Rating (Moody's)	AA-3

#### **Coupon Distribution**



#### **Rating Distribution**



#### LGIP & LGIP- GOV PORTFOLIO YIELD ANALYSIS MARCH 2024

#### NET EARNINGS

FUND	DESCRIPTION	Current Month 03/31/24	Prior Month 02/29/24	Prior Year 03/31/23	Net Asset Value Per Share
5	LGIP	\$14,038,794	\$13,250,987	\$10,360,768	1.000000
7	LGIP - GOV (1)	12,279,116	11,510,836	9,434,821	1.000000
	TOTAL LGIP & LGIP-GOV	\$26,317,910	\$24,761,823	\$19,795,590	

#### **YIELDS**

	MONTHLY	Current Month	Prior Month	Prior Year
	<u> </u>	03/31/24	02/29/24	3/31/23
5	LGIP (NET)	5.35%	5.37%	4.72%
	S&P LGIP Index	5.34%	5.36%	4.46%
7	LGIP - GOV (NET) (1)	5.30%	5.31%	4.61%
	Trailing 3-mo T-bill	5.37%	5.37%	4.68%
	FISCAL YEAR TO DATE			
5	LGIP (NET)	5.36%	5.36%	3.46%
	S&P LGIP Index	5.33%	5.33%	3.02%
7	LGIP - GOV (NET) (1)	5.29%	5.29%	3.28%
	Trailing 3-mo T-bill	5.38%	5.39%	3.29%

(1) The LGIP-GOV Pool consists of only securities explicitly backed by the full faith & credit of the US Government.

#### LGIP & LGIP- GOV MEDIUM TERM POOLS PORTFOLIO YIELD ANALYSIS MARCH 2024

#### NET EARNINGS

FUND	DESCRIPTION	Current Month 03/31/24	Prior Month 02/29/24	Prior Year 03/31/23	Net Asset Value Per Share
500	LGIP - MED TERM POOL	\$2,264,735	\$2,133,417	\$1,746,381	1.015570
700	LGIP - FF&C MED TERM POOL	816,802	802,533	704,426	0.997805
	TOTAL LGIP MEDIUM TERM POOLS	\$3,081,537	\$2,935,949	\$2,450,807	

## <u>YIELDS</u>

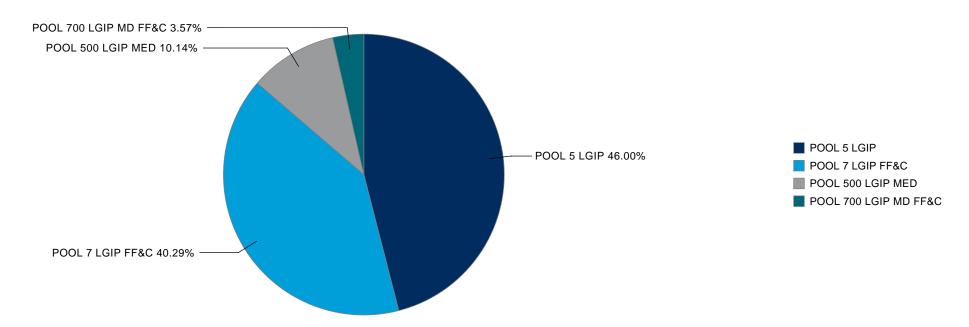
	MONTHLY_	Current Month 03/31/24	Prior Month 02/29/24	Prior Year 3/31/23
500	LGIP - MED TERM (NET)	3.90%	3.91%	3.16%
	20% S&P LGIP Index /	4.96%	4.92%	4.65%
	80% Bloomberg Barclays 1-3 year US Agg			
700	LGIP - FF&C MED TERM (NET)	3.99%	4.04%	2.85%
	20% Trailing 3-mo T-bill /	4.79%	4.74%	4.45%
	80% Barclay 1-3 year UST			
	FISCAL YEAR TO DATE			
500	LGIP - MED TERM (NET)	3.73%	3.71%	2.49%
	20% S&P LGIP Index /	5.11%	5.13%	4.00%
	80% Bloomberg Barclays 1-3 year US Agg			
700	LGIP - FF&C MED TERM (NET)	3.89%	3.87%	1.96%
	20% Trailing 3-mo T-bill /	4.90%	4.92%	3.94%
	80% Bloomberg Barclays 1-3 year UST			

March 31, 2024

LGIP



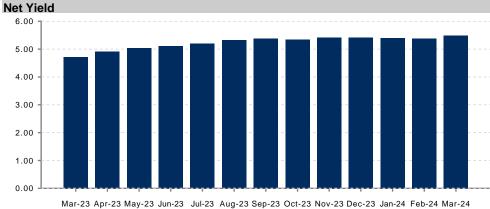
#### Manager Allocation



	Market Value	% of Portfolio
POOL 5 LGIP	3,106,282,638	46.00
POOL 7 LGIP FF&C	2,720,967,505	40.29
POOL 500 LGIP MED	684,756,675	10.14
POOL 700 LGIP MD FF&C	241,151,706	3.57
TOTAL LGIP	6,753,158,524	100.00

March 31, 2024

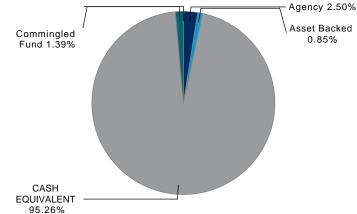
POOL 5 LGIP

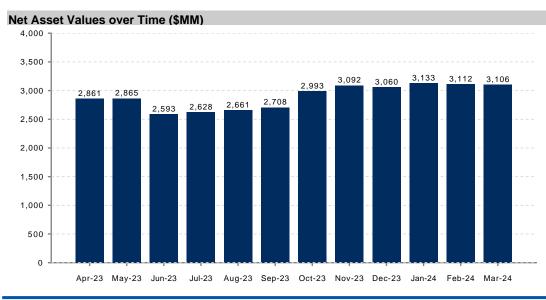


	Current Mth	Prior Mth	1 Year Ago
POOL 5 LGIP	5.48	5.37	4.72

## POOL 5 LGIP Commingled Fund 1.39%

**Asset Allocation** 





Top 10 Holdings		
Security Name	Ending Market Value	% of Portfolio
POOL 5 LGIP		
TD SECURITIES	232,392,106	7.48
RBC CAPITAL MARKETS REPO	200,117,778	6.44
BANK OF AMERICA REPO	150,087,500	4.83
MITSUBISHI UFJ REPO	100,162,861	3.22
TREASURY BILL	39,994,199	1.29
TREASURY BILL	39,953,409	1.29
TREASURY BILL	39,912,175	1.28
TREASURY BILL	39,871,178	1.28
TREASURY BILL	39,778,354	1.28
TREASURY BILL	39,655,014	1.28



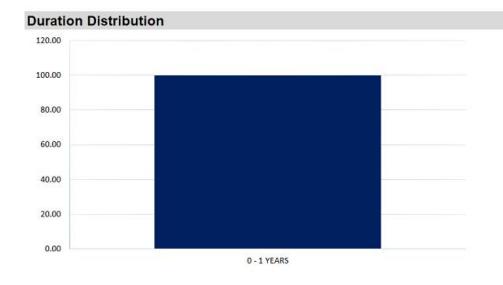
Ending Market Value

3,106,282,638

March 31, 2024

POOL 5 LGIP

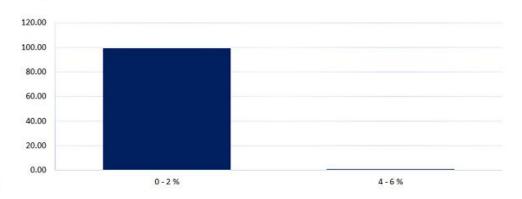




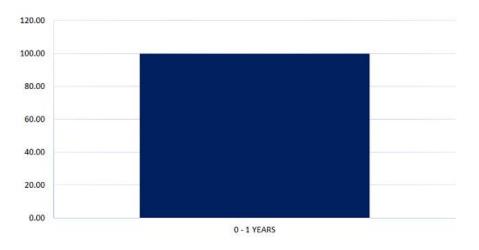
#### **Portfolio Level Characteristics**

POOL 5 LGIP
0.10
3.39
0.10
AAAf/S1+

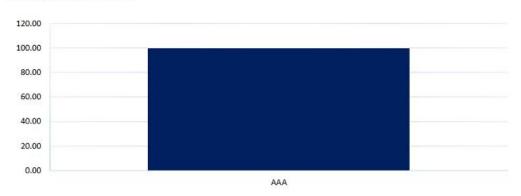
#### **Coupon Distribution**



## **Expected Maturity Distribution**

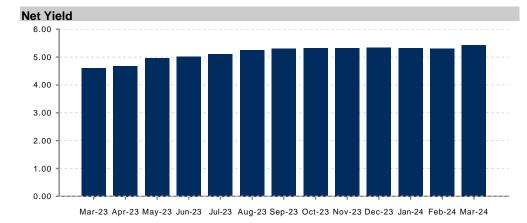


#### **Rating Distribution**



March 31, 2024

POOL 7 LGIP FF&C



	Current Mth	Prior Mth	1 Year Ago
POOL 7 LGIP FF&C	5.43	5.31	4.61

## 

% of Portfolio

14.88

5.15

3.69

3.68

3.68 3.68

3.68

3.65

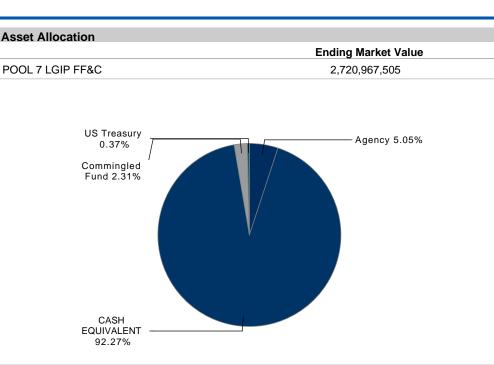
2.87

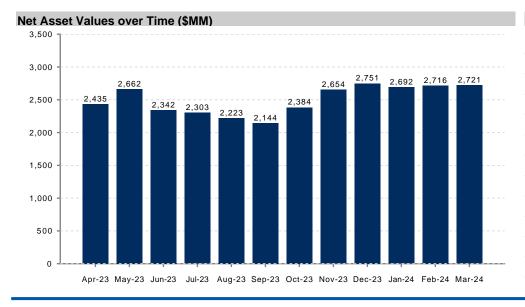
2.76

99,443,828

78,099,749

75,121,917





Top 10 Holdings	
Security Name	Ending Market Value
POOL 7 LGIP FF&C	
MITSUBISHI UFJ REPO	405,005,086
BMO TRIPARTY MTGE	140,082,289
CANTOR FITZGERALD REPO	100,414,556
AMHERST PIERPONT	100,163,472
AMHERST PIERPONT	100,163,167
MITSUBISHI UFJ REPO	100,162,861
BMO TRIPARTY MTGE	100,058,889

#### Limited Access 04/16/2024 02:23:28 PM

TREASURY BILL

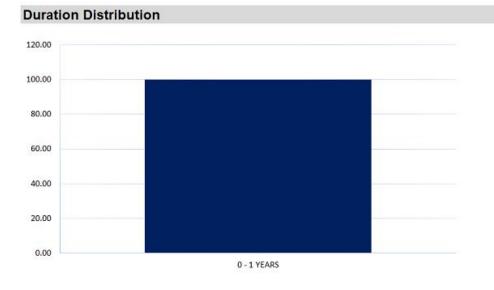
TD SECURITIES

WESTERN ALLIANCE CDARS

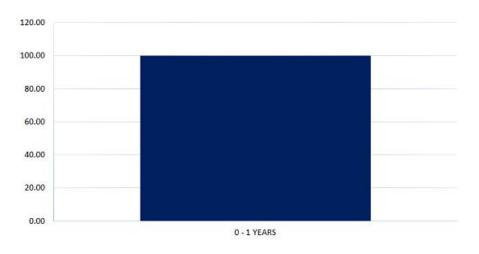
March 31, 2024

POOL 7 LGIP FF&C





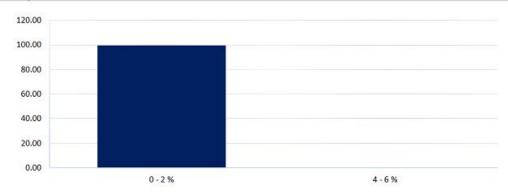
#### **Expected Maturity Distribution**



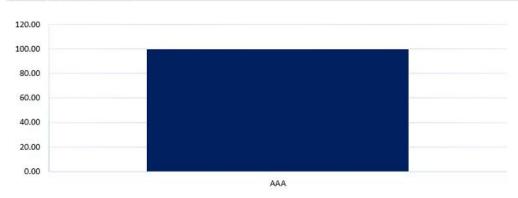
#### **Portfolio Level Characteristics**

	POOL 7 LGIP FF&C
Effective Maturity	0.10
Coupon	0.03
Effective Duration	0.10
Quality Rating (Moody's)	AAA

#### **Coupon Distribution**



#### **Rating Distribution**



March 31, 2024

POOL 500 LGIP MED

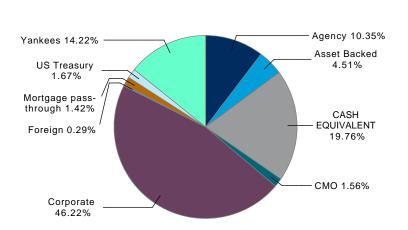


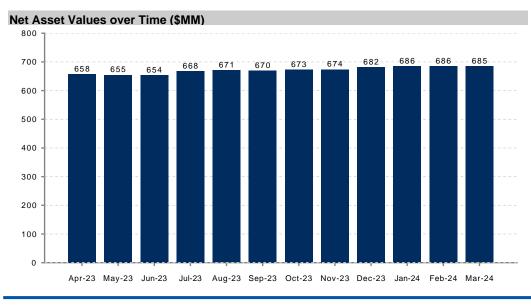
	Current Mth	Prior Mth	1 Year Ago
POOL 500 LGIP MED	3.97	3.91	3.16

# 

**Ending Market Value** 

684,756,675





Top 10 Holdings		
Security Name	Ending Market Value	% of Portfolio
POOL 500 LGIP MED		
SOUTH STREET REPO	47,723,244	6.97
BANK OF NOVA SCOTIA	5,159,491	0.75
CITIGROUP GLOBAL MARKETS	5,125,718	0.75
WELLS FARGO BANK NA	5,118,505	0.75
VOLKSWAGEN GROUP AMERICA	5,113,256	0.75
JPMORGAN CHASE BK N A INSTL CT	5,069,368	0.74
ROYAL BANK OF CANADA	5,067,447	0.74
AMERICAN EXPRESS CO	5,066,751	0.74
FEDERAL HOME LOAN BANK	5,051,148	0.74
BANK OF MONTREAL	5,048,100	0.74

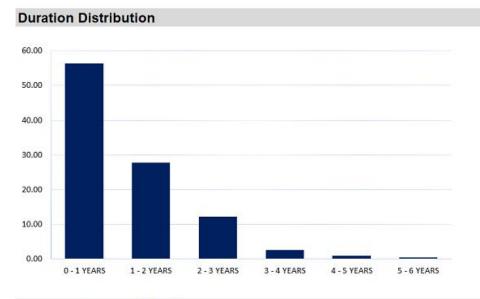
Asset Allocation

POOL 500 LGIP MED

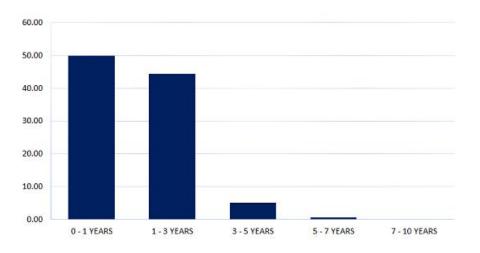
March 31, 2024

POOL 500 LGIP MED





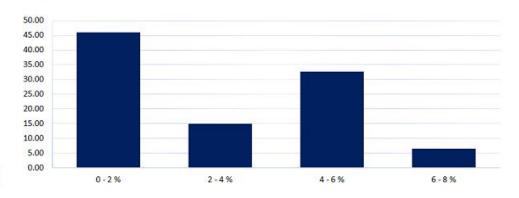
#### **Expected Maturity Distribution**



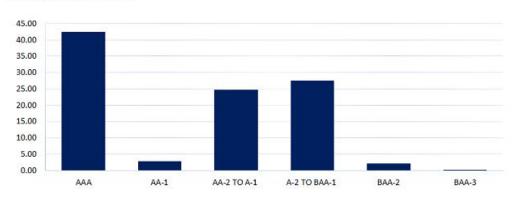
#### **Portfolio Level Characteristics**

	POOL 500 LGIP MED
Effective Maturity	1.23
Coupon	3.83
Effective Duration	0.99
Quality Rating (Moody's)	AA-3

#### **Coupon Distribution**

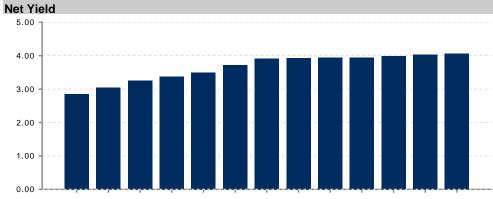


#### **Rating Distribution**



March 31, 2024

POOL 700 LGIP MD FF&C



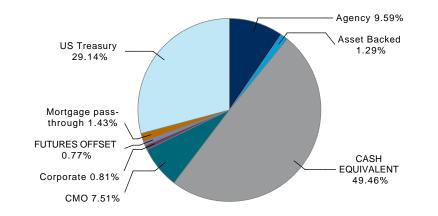
Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

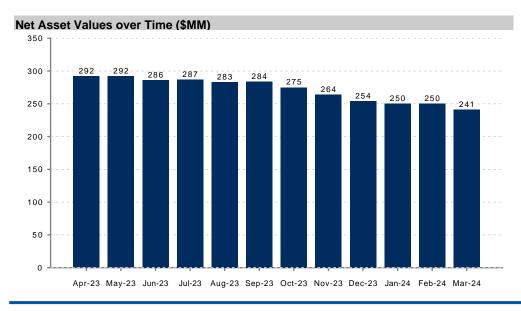
	Current Mth	Prior Mth	1 Year Ago
POOL 700 LGIP MD FF&C	4.06	4.04	2.85

#### Asset Allocation

POOL 700 LGIP MD FF&C

Ending Market Value 241,151,706





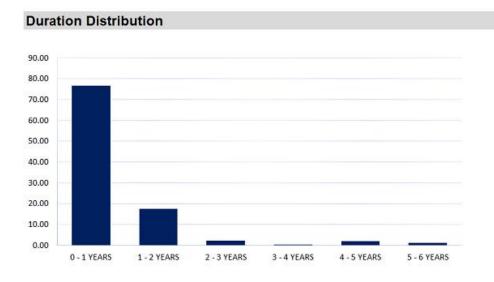
Top 10 Holdings		
Security Name	Ending Market Value	% of Portfolio
POOL 700 LGIP MD FF&C		
SOUTH STREET REPO	100,060,222	41.49
MITSUBISHI UFJ REPO	5,448,019	2.26
US TREASURY N/B	5,030,042	2.09
US TREASURY N/B	5,019,009	2.08
TREASURY BILL	4,997,837	2.07
TREASURY BILL	4,987,572	2.07
US TREASURY N/B	4,032,789	1.67
US TREASURY N/B	3,779,246	1.57
INT DEVELOPMENT FIN CORP	3,763,989	1.56
SBA POOL 530360	3,123,720	1.30



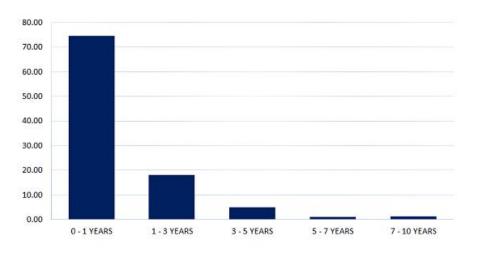
March 31, 2024

POOL 700 LGIP MD FF&C





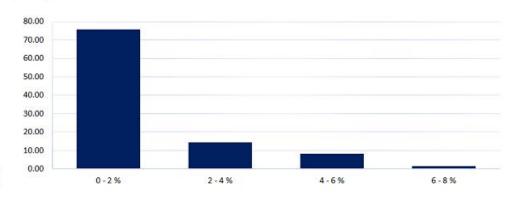
### **Expected Maturity Distribution**



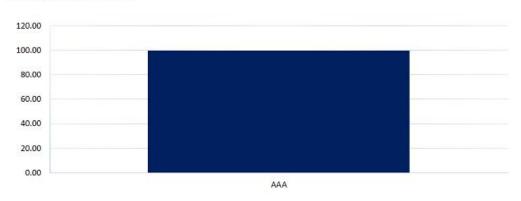
#### **Portfolio Level Characteristics**

	POOL 700 LGIP MD FF&C
Effective Maturity	0.77
Coupon	1.92
Effective Duration	0.61
Quality Rating (Moody's)	AAA

#### **Coupon Distribution**



#### **Rating Distribution**



#### EARNINGS DISTRIBUTED PERMANENT LAND ENDOWMENT TRUST FUND MARCH 2024

	Distrib	uted in Current Mon	th		
Recipie		MARCH 2024	Fiscal YTD 23/24	Fiscal YTD 22/23	Fiscal YTD Change
101	A & M Colleges	\$79,952	\$719,565	\$709,866	\$9,699
102	State Hospital	70,195	631,759	584,889	46,870
103	Leg., Exec., & Jud.	67,352	606,165	596,091	10,074
104	Military Institute	4,567	41,101	40,450	651
105	Miners Hospital	205,354	1,848,184	1,779,241	68,943
107	Normal School ASU/NAU	39,739	357,653	342,094	15,559
108	Penitentiaries	131,541	1,183,866	1,158,914	24,952
109	Permanent Common School	35,353,919	318,185,272	301,834,913	16,350,359
110	School for Deaf & Blind	49,982	449,842	436,731	13,111
111	School of Mines	91,677	825,095	813,380	11,715
112	State Charitable-Pioneers Home	530,419	4,773,769	4,450,079	323,690
112	State Charitable-Corrections	265,209	2,386,885	2,225,039	161,845
112	State Charitable-Youth Treatment	265,209	2,386,885	2,225,039	161,845
113	University Fund	209,269	1,883,420	1,711,198	172,223
114	U of A Land - 1881	642,925	5,786,329	5,664,572	121,757
		\$38,007,310	\$342,065,789	\$324,572,497	\$17,493,291

## Land Sales Monthly Proceeds Permanent Land Endowment Trust Fund

Month	2017	2018	2019	2020	2021	2022	2023	2024
January	\$2,960,815	\$809,822	\$30,671,107	\$34,028,510	\$77,327,332	\$65,776,496	\$132,875,173	\$10,569,850
February	1,103,303	744,295	875,823	2,362,463	17,814,405	107,134,375	45,385,295	26,809,134
March	3,045,043	8,296,029	997,479	13,103,761	3,772,571	5,230,088	1,025,196	401,278
April	78,134,289	22,707,772	12,816,140	6,837,496	4,099,129	95,870,019	62,406,204	
May	27,642,672	16,234,823	590,432	3,656,783	88,763,368	109,978,359	31,423,862	
June	2,451,110	6,799,100	3,654,938	3,379,021	2,001,347	105,071,646	8,768,483	
July	13,838,188	27,835,379	4,356,585	19,069,989	37,347,276	14,023,708	15,440,780	
August	5,746,802	6,932,754	10,038,331	6,378,777	12,016,036	707,901	28,811,192	
September	19,937,751	8,293,343	1,201,114	3,851,950	13,865,289	7,754,529	28,232,198	
October	480,710	24,823,636	5,075,858	72,432,497	1,724,181	9,922,724	50,964,650	
November	9,500,048	42,245,892	9,161,341	3,119,856	1,487,524	6,763,639	26,460,325	
December	3,869,818	2,283,305	15,116,940	29,134,954	1,252,026	51,093,211	8,185,183	
Calendar Year	168,710,549	168,006,150	94,556,089	197.356.057	261,470,483	579,326,695	439,978,542	37,780,262
	100,710,549	100,000,130	74,550,089	177,550,057	201,470,465	577,520,095	437,770,342	57,780,202
Fiscal Year (July 1st to June 30th)	163,553,318	108,965,158	162,020,229	108,318,203	327,766,175	556,753,315	372,149,925	195,874,592

State Treasurer's Report April 30, 2024

## NET REALIZED CAPITAL GAINS / LOSSES - PERM LAND ENDOW TRUST FUND

Endowment Fund	March 2024 <u>NET GAIN(LOSS)</u>	March 2023 <u>NET GAIN(LOSS)</u>
Fixed Income Pool	(\$261,350)	(\$274,494)
500 Large-Cap Fund	98,909,072	1,074,734
400 Mid-Cap Fund	5,937,755	2,493,358
600 Small-Cap Fund	4,581,125	443,176
Totals	\$109,166,602	\$3,736,774

Endowment Fund	2023/2024 FISCAL YEAR TO <u>GAINS(LOSSE</u>	
Fixed Income Pool	(\$1,	,683,366) (\$2,149,270)
500 Large-Cap Fund	209,	<b>15,627,262</b>
400 Mid-Cap Fund	49,	9,929,904 <b>30,173,434</b>
600 Small-Cap Fund	24,	,365,590 <b>16,661,265</b>
Т	stals \$282,	\$60,312,691

#### PERM LAND ENDOWMENT TRUST FUND FIXED-INCOME POOLS PURCHASES & SALES MARCH 2024

I.

				WAL	PAR	PUF	RCHASE		MOODY'S
POOL	SECURITY DESCRIPTION	RATE	MATURITY	YEARS (1)	VALUE	(	COST	YIELD	RATING
205	AMERICAN HONDA FINANCE	5.57	06/07/2024	N/A	\$ 10,000,000	\$	9,859,203	5.65%	P-2
205	AT&T INC	5.49	03/27/2024	N/A	10,000,000	9	9,981,700	5.50%	P-2
205	CHARIOT FUNDING LLC	5.33	06/06/2024	N/A	15,000,000	14	4,793,463	5.40%	P-1
205	FEDERAL HOME LOAN BANK	6.00	03/21/2029	N/A	4,940,000		4,940,000	6.05%	Aaa
205	HALKIN FINANCE LLC	5.33	06/05/2024	N/A	20,000,000	1	9,727,578	5.40%	P-1
205	MANHATTAN ASSET FDG CO.	5.30	06/03/2024	N/A	10,000,000		9,866,028	5.37%	P-1
205	MCCORMICK & COMPANY INC	5.40	04/26/2024	N/A	10,000,000	9	9,935,500	5.44%	P-2
205	NATL RURAL UTIL COOP	5.39	03/21/2024	N/A	10,000,000		9,979,039	5.40%	P-1
205	SBA POOL	7.83	06/25/2046	N/A	13,550,000		9,793,023	6.30%	Aaa
123	AMERICAN HONDA FINANCE	5.57	06/07/2024	N/A	\$ 15,000,000	\$ 14	4,788,804	5.65%	P-2
123	AT&T INC	5.49	03/27/2024	N/A	20,000,000	19	9,963,400	5.50%	P-2
123	ATLANTIC ASSET SEC LLC	5.31	05/14/2024	N/A	20,000,000	1	9,817,100	5.36%	P-1
123	CHARIOT FUNDING LLC	5.33	06/06/2024	N/A	15,000,000	14	4,793,463	5.40%	P-1
123	HALKIN FINANCE LLC	5.33	06/05/2024	N/A	15,000,000	14	4,795,683	5.40%	P-1
123	HARLEY DAVIDSON	5.88	03/22/2024	N/A	15,000,000	14	4,980,400	5.89%	P-3
123	MANHATTAN ASSET FDG CO.	5.30	06/03/2024	N/A	15,000,000	14	4,799,042	5.37%	P-1
123	MCCORMICK & COMPANY INC	5.40	04/26/2024	N/A	20,000,000	1	9,871,000	5.44%	P-2
123	NEXTERA ENERGY CAP HLDGS INC	5.57	05/13/2024	N/A	20,000,000	1	9,835,994	5.62%	P-2
123	NEXTERA ENERGY CAP HLDGS INC	5.57	05/17/2024	N/A	20,000,000	1	9,823,617	5.62%	P-2
123	US TREASURY	5.27	04/30/2024	N/A	20,000,000	19	9,844,923	5.40%	Aaa
	TOTAL ENDOWMENT FUNDS PURCE	HASES			\$ 298,490,000	\$ 292	2,188,959		
II.									
					PAR		NET	SALES	MOODY'S
POOL	SECURITY DESCRIPTION		MATURITY		VALUE	PRO	OCEEDS	GAIN/(LOSS)	RATING
N/A	N/A		N/A		N/A		N/A	N/A	N/A
	TOTAL ENDOWMENT FUNDS SALES	5			 \$0		\$0	\$0	

(1) WAL is the weighted average life of the security based on the Bloomberg calculation at the time the trade is executed. The calculation is used only with mortgage-backed pass-through/CMO securities.

#### PERMANENT LAND ENDOWMENT TRUST FUND EQUITY FUNDS PURCHASES & SALES MARCH 2024

#### I. Equity Fund Purchases

TOTAL EQUITY PURCHASES	1,034,722	\$41,454,648	\$7,761
600 Small-Cap Fund	420,456	1,853,160	3,153
500 Large-Cap Fund	54,872	9,279,289	412
400 Mid-Cap Fund	559,394	\$30,322,199	\$4,195
	<u>SHARES</u>	PURCHASE COST	<u>COMMISSIONS</u>

#### II. Equity Funds Sales

	<u>SHARES</u>	SALES AMOUNT	<b>COMMISSIONS</b>
400 Mid-Cap Fund	424,943	22,293,667	3,187
500 Large-Cap Fund	1,047,778	138,763,781	7,860
600 Small-Cap Fund	360,190	12,381,070	2,701
TOTAL EQUITY SALES	1,832,911	\$173,438,518	\$13,749

#### PERMANENT LAND ENDOWMENT TRUST FUND INVESTMENTS OUTSTANDING MARCH 31, 2024 (In Thousands)

FUND	NAME OF FUND	SHARES OUTSTANDING	BOOK VALUE	MARKET VALUE	UNREALIZED GAINS (LOSSES)	Mkt Value/ Book Value
101	A & M Colleges					
	Shares in Equity Pools Shares in Fixed Income Pools	\$281 2,783	\$1,978 1,992	\$9,479 5,699	\$7,501 3,707	
	Total	3,064	3,970	15,178	11,208	3.823
102	State Hospital					
	Shares in Equity Pools Shares in Fixed Income Pools	403 4,264	7,283 5,521	13,580 8,734	6,297 3,212	
	Total	4,667	12,804	22,314	9,509	1.743
103	Leg., Exec, & Jud					
	Shares in Equity Pools Shares in Fixed Income Pools	227 2,474	1,722 1,776	7,665 5,067	5,943 3,292	
	Total	2,701	3,498	12,732	9,234	3.640
104	Military Institute					
	Shares in Equity Pools Shares in Fixed Income Pools	15 169	120 120	508 347	388 226	
	Total	184	241	855	614	3.552
105	Miners Hospital					
	Shares in Equity Pools Shares in Fixed Income Pools	767 7,664	7,301 6,914	25,848 15,696	18,547 8,782	
	Total	8,430	14,215	41,543	27,328	2.923
107	Normal School ASU/NAU					
	Shares in Equity Pools Shares in Fixed Income Pools	178 1,840	2,207 1,842	5,997 3,768	3,790 1,926	
	Total	2,018	4,048	9,765	5,717	2.412
108	Penitentiaries					
	Shares in Equity Pools Shares in Fixed Income Pools	465 4,752	4,008 3,949	15,678 9,733	11,671 5,784	
	Total	5,217	7,957	25,411	17,454	3.194

#### PERMANENT LAND ENDOWMENT TRUST FUND INVESTMENTS OUTSTANDING MARCH 31, 2024 (In Thousands)

NAME OF FUND		SHARES OUTSTANDING	BOOK VALUE	MARKET VALUE	UNREALIZED GAINS (LOSSES)	Mkt Value/ Book Value
109	Permanent Common School					
	Shares in Equity Pools	148,285	1,469,511	4,998,979	3,529,468	
	Shares in Fixed Income Pools	1,484,446	1,352,114	3,040,294	1,688,181	
	Total	1,632,732	2,821,625	8,039,274	5,217,649	2.849
110	School for Deaf & Blind					
	Shares in Equity Pools	168	1,459	5,660	4,201	
	Shares in Fixed Income Pools	1,944	1,563	3,982	2,419	
	Total	2,112	3,022	9,642	6,620	3.191
111	School of Mines					
	Shares in Equity Pools	318	2,457	10,725	8,268	
	Shares in Fixed Income Pools	3,274	2,470	6,706	4,236	
	Total	3,592	4,927	17,431	12,504	3.538
112	State Charitable Shares in Equity Pools	4,548	50,949	153,336	102,387	
	Shares in Fixed Income Pools	44,327	43,176	90,786	47,609	
	Total	48,875	94,125	244,122	149,996	2.594
113	University Fund					
115	Shares in Equity Pools	1,122	17,924	37,809	19,885	
	Shares in Fixed Income Pools	11,419	13,576	23,388	9,812	
	Total	12,541	31,500	61,197	29,697	1.943
114						
114	U Of A Land - 1881 Shares in Equity Pools	2,305	23,935	77,705	53,770	
	Shares in Fixed Income Pools	23,770	21,314	48,683	27,370	
	Total	26,075	45,249	126,389	81,139	2.793
	TOTALS - ALL FUNDS Shares in Equity Pools	159,082	1,590,854	5,362,970	3,772,116	
	Shares in Fixed Income Pools	1,593,127	1,456,327	3,262,883	1,806,556	
	Grand Total	\$1,752,209	\$3,047,182	\$8,625,853	\$5,578,671	
	PRIOR YEAR:					
	MARCH 2023 BALANCES	\$1,785,466	\$3,061,471	\$7,515,711	\$4,454,240	

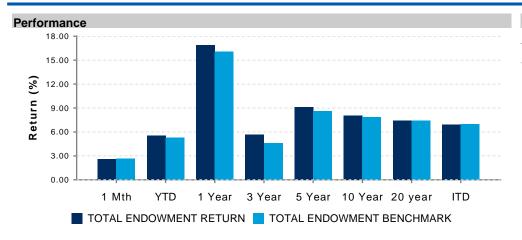
#### PERMANENT LAND ENDOWMENT TRUST FUND INVESTMENTS OUTSTANDING MARCH 31, 2024

#### ASSET ALLOCATION PERCENTAGE

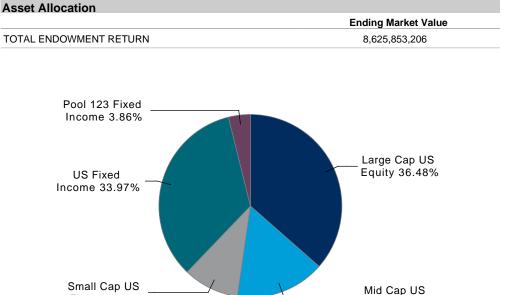
	SHARES	BOOK	MARKET	<b>MARCH 2023</b>
	OUTSTANDING	VALUE	VALUE	MARKET VALUE
Equity Pools	9.08%	52.21%	62.17%	60.43%
Fixed Income Pools	90.92%	47.79%	37.83%	39.57%
Total	100.00%	100.00%	100.00%	100.00%

March 31, 2024

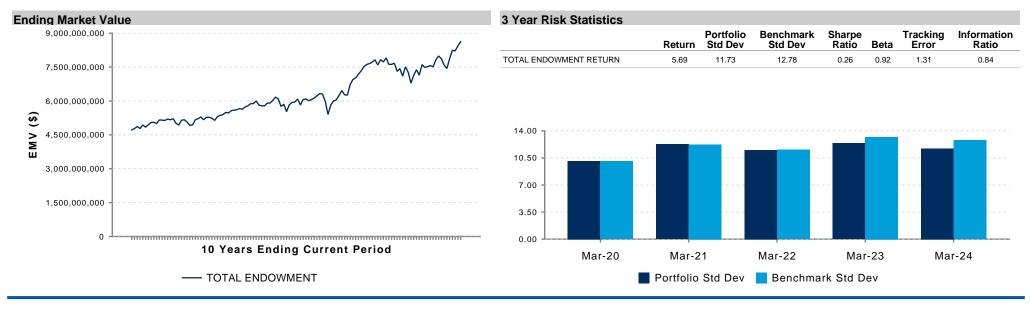
**Total Endowment Summary** 



	1 Mth	YTD			5 Year			ITD	Incept Date
TOTAL ENDOWMENT RETURN	2.59	5.58	16.88	5.69	9.14	8.03	7.43	6.96	07/99
TOTAL ENDOWMENT BENCHMARK	2.68	5.27	16.08	4.58	8.65	7.86	7.42	7.00	07/99
	-0.08	0.31	0.80	1.10	0.49	0.17	0.01	-0.04	



\_\_\_\_\_ Equity 15.80%



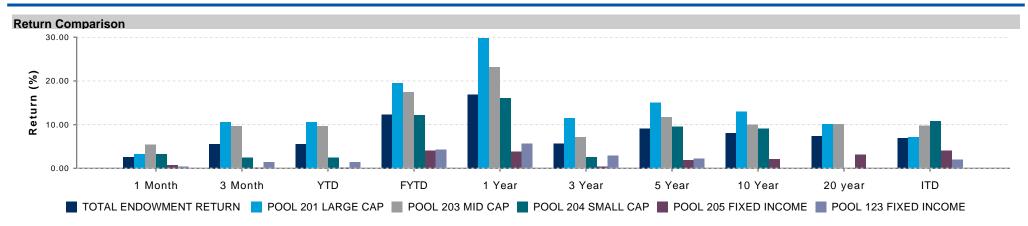
Equity 9.89%



#### March 31, 2024

Total Returns Net Mgr

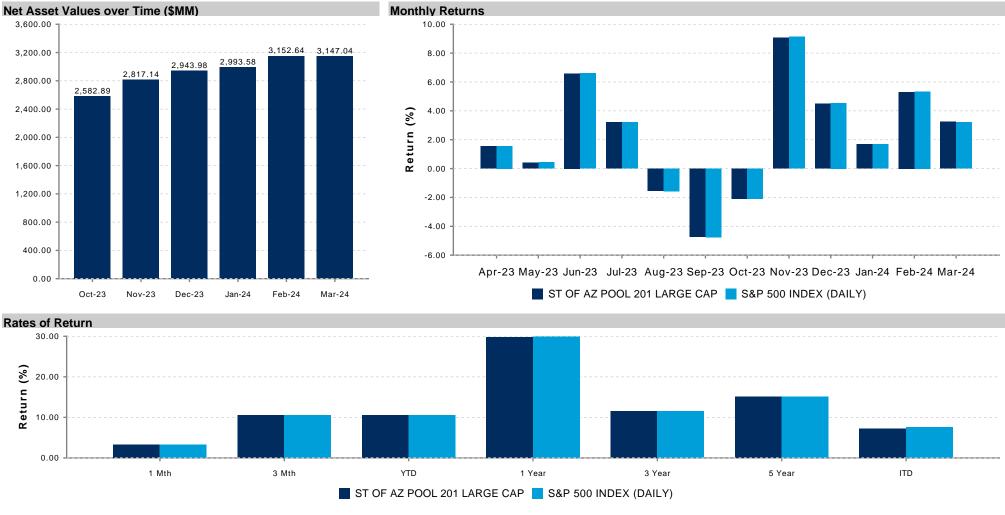




	Market Value	Actual Weight	1 Mth	3 Mth	YTD	FYTD	1 Year	3 Year	5 Year	10 Year	20 Year	ITD	Inc Date
TOTAL ENDOWMENT RETURN	8,625,853,206	100.00	2.59	5.58	5.58	12.25	16.88	5.69	9.14	8.03	7.43	6.96	Jul-01-99
TOTAL ENDOWMENT BENCHMARK			2.68	5.27	5.27	11.76	16.08	4.58	8.65	7.86	7.42	7.00	Jul-01-99
			-0.08	0.31	0.31	0.49	0.80	1.10	0.49	0.17	0.01	-0.04	
ST OF AZ POOL 201 LARGE CAP	3,147,035,982	36.48	3.25	10.56	10.56	19.47	29.82	11.54	15.08	12.94	10.11	7.18	Jul-01-99
S&P 500 INDEX (DAILY)			3.22	10.56	10.56	19.44	29.88	11.49	15.05	12.96	10.15	7.57	Jul-01-99
			0.03	0.01	0.01	0.03	-0.06	0.05	0.03	-0.02	-0.05	-0.39	
ST OF AZ POOL 203 MID CAP	1,362,942,178	15.80	5.39	9.68	9.68	17.45	23.19	7.12	11.69	10.05	10.09	9.79	Aug-01-01
S&P 400 MIDCAP INDEX (DAILY)			5.60	9.95	9.95	17.63	23.33	6.96	11.71	9.99	10.06	9.78	Aug-01-01
			-0.20	-0.27	-0.27	-0.18	-0.15	0.16	-0.02	0.06	0.02	0.01	
ST OF AZ POOL 204 SMALL CAP	852,992,122	9.89	3.30	2.48	2.48	12.16	16.05	2.53	9.61	9.06		10.79	Mar-01-11
S&P SM 600 TR			3.24	2.46	2.46	12.14	15.93	2.28	9.15	8.80		10.59	Mar-01-11
			0.07	0.02	0.02	0.02	0.12	0.25	0.47	0.26		0.20	
POOL 205 FIXED INCOME	2,929,886,545	33.97	0.71	0.17	0.17	4.07	3.89	0.36	1.87	2.14	3.10	4.05	Jul-01-99
FTSE BIG (DAILY)			0.85	-0.84	-0.84	2.53	1.62	-2.53	0.36	1.54	3.05	3.96	Jul-01-99
			-0.14	1.01	1.01	1.54	2.28	2.89	1.51	0.60	0.05	0.09	
POOL 123 FIXED INCOME	332,996,380	3.86	0.46	1.39	1.39	4.26	5.62	2.92	2.29			2.00	Jun-01-16
ASTO-POOL 5 BENCHMARK			0.46	1.36	1.36	4.10	5.41	2.75	2.11			1.83	Jun-01-16
			0.00	0.03	0.03	0.16	0.21	0.17	0.17			0.17	

#### March 31, 2024

ST OF AZ POOL 201 LARGE CAP

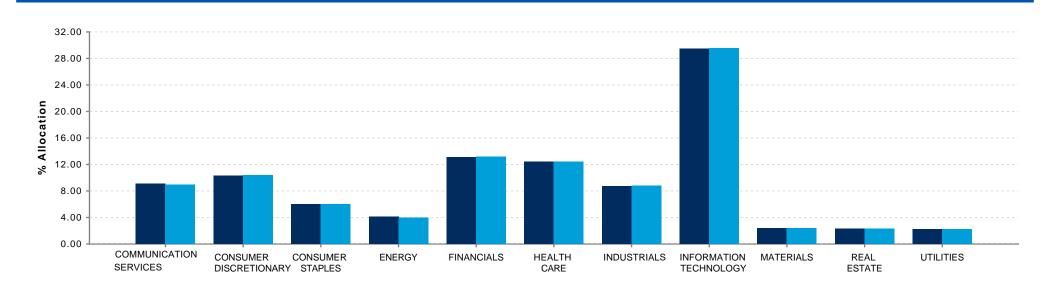


	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Mar 31 2022	Mar 31 2023	Mar 31 2024
ST OF AZ POOL 201 LARGE CAP	3.25	10.56	10.56	29.82	11.54	15.08	7.18	15.56	-7.50	29.82
S&P 500 INDEX (DAILY)	3.22	10.56	10.56	29.88	11.49	15.05	7.57	15.65	-7.73	29.88
	0.03	0.01	0.01	-0.06	0.05	0.03	-0.39	-0.08	0.23	-0.06



March 31, 2024

ST OF AZ POOL 201 LARGE CAP Sector Allocation vs S&P 500



Pool 201 - S&P 500 S&P 500

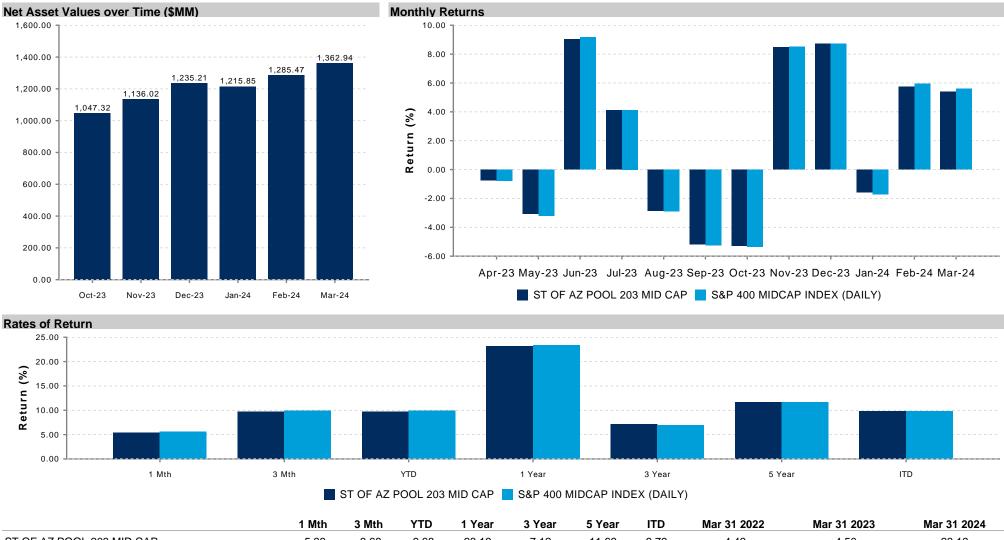
	Fund Weight	Benchmark Weight	Relative Weight
ST OF AZ POOL 201 LARGE CAP	100.00	100.00	0.00
COMMUNICATION SERVICES	9.10	8.95	0.15
CONSUMER DISCRETIONARY	10.30	10.34	-0.04
CONSUMER STAPLES	6.00	5.97	0.03
ENERGY	4.08	3.95	0.13
FINANCIALS	13.11	13.16	-0.05
HEALTH CARE	12.38	12.42	-0.03
INDUSTRIALS	8.75	8.80	-0.05
INFORMATION TECHNOLOGY	29.44	29.57	-0.12
MATERIALS	2.36	2.37	-0.01
REAL ESTATE	2.28	2.28	0.00
UTILITIES	2.20	2.20	-0.00

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#### March 31, 2024

ST OF AZ POOL 203 MID CAP



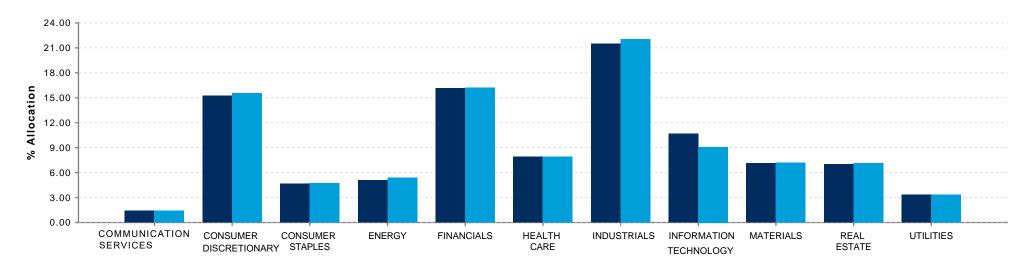
	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Mar 31 2022	Mar 31 2023	Mar 31 2024
ST OF AZ POOL 203 MID CAP	5.39	9.68	9.68	23.19	7.12	11.69	9.79	4.49	-4.50	23.19
S&P 400 MIDCAP INDEX (DAILY)	5.60	9.95	9.95	23.33	6.96	11.71	9.78	4.59	-5.12	23.33
	-0.20	-0.27	-0.27	-0.15	0.16	-0.02	0.01	-0.10	0.62	-0.15



March 31, 2024

ST OF AZ POOL 203 MID CAP Sector Allocation vs S&P MID CAP 400



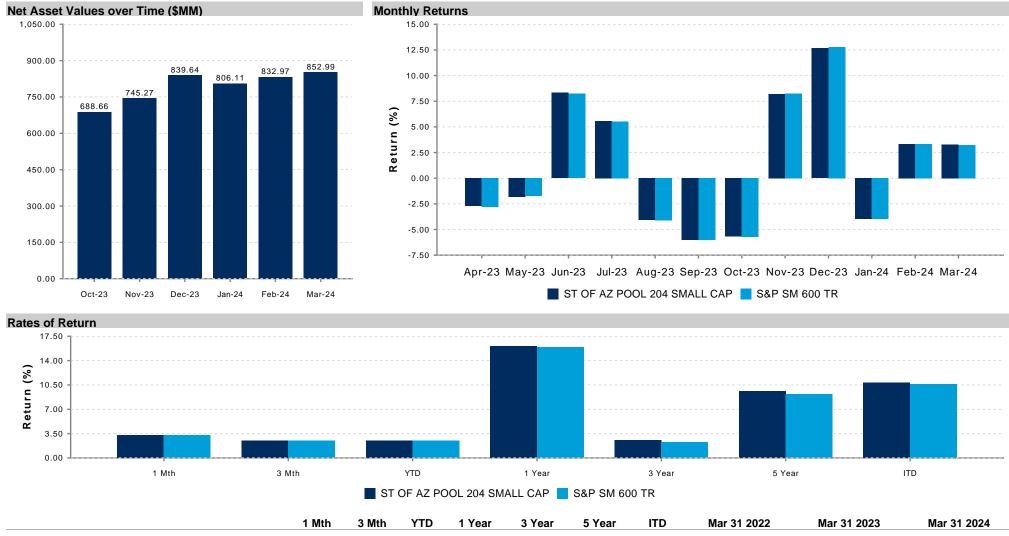


Pool 203 - S&P 400 S&P 400

	Weight Fund	Weight Benchmark	Weight Relative
ST OF AZ POOL 203 MID CAP	100.00	100.00	0.00
COMMUNICATION SERVICES	1.42	1.43	-0.01
CONSUMER DISCRETIONARY	15.22	15.56	-0.34
CONSUMER STAPLES	4.65	4.70	-0.05
ENERGY	5.06	5.39	-0.33
FINANCIALS	16.12	16.22	-0.11
HEALTH CARE	7.91	7.89	0.02
INDUSTRIALS	21.49	22.03	-0.54
INFORMATION TECHNOLOGY	10.68	9.08	1.60
MATERIALS	7.15	7.19	-0.05
REAL ESTATE	6.98	7.14	-0.16
UTILITIES	3.33	3.36	-0.03

#### March 31, 2024

ST OF AZ POOL 204 SMALL CAP

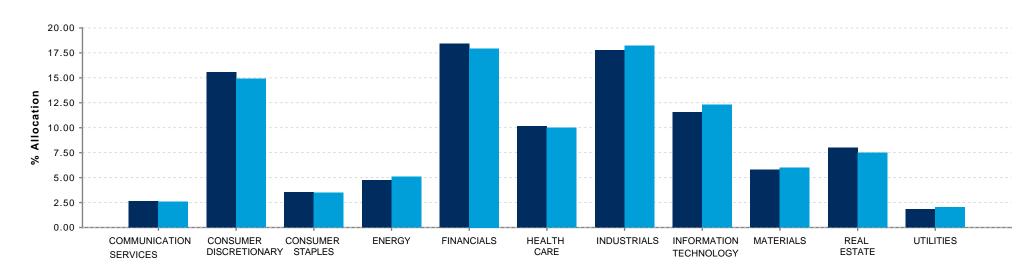


	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Mar 31 2022	Mar 31 2023	Mar 31 2024
ST OF AZ POOL 204 SMALL CAP	3.30	2.48	2.48	16.05	2.53	9.61	10.79	1.46	-8.46	16.05
S&P SM 600 TR	3.24	2.46	2.46	15.93	2.28	9.15	10.59	1.23	-8.82	15.93
	0.07	0.02	0.02	0.12	0.25	0.47	0.20	0.23	0.36	0.12



March 31, 2024

ST OF AZ POOL 204 SMALL CAP Sector Allocation vs S&P SMALLCAP 600



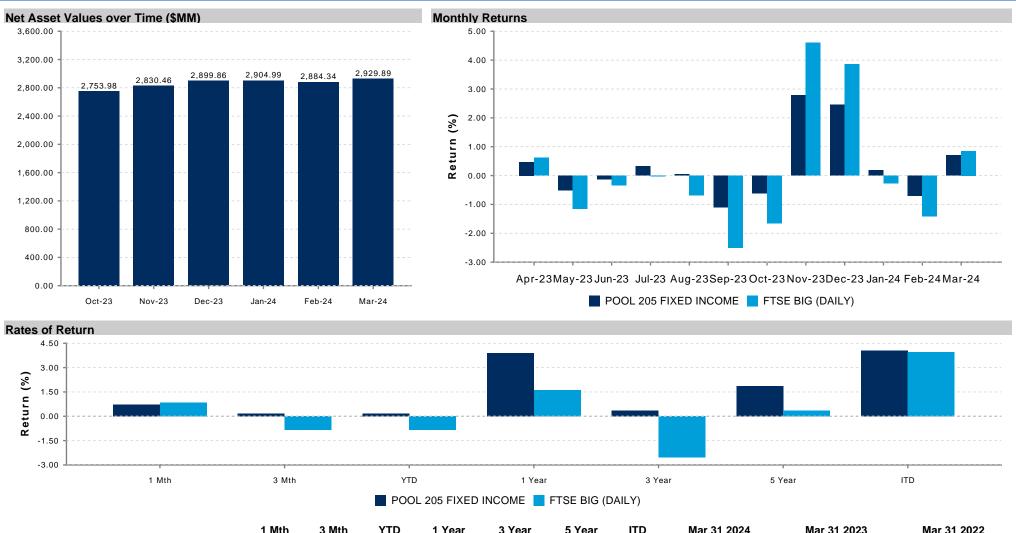
Pool 204 - S&P 600 S&P 600

	Weight Fund	Weight Benchmark	Weight Relative
ST OF AZ POOL 204 SMALL CAP	100.00	100.00	0.00
COMMUNICATION SERVICES	2.63	2.58	0.05
CONSUMER DISCRETIONARY	15.58	14.93	0.65
CONSUMER STAPLES	3.53	3.47	0.06
ENERGY	4.74	5.07	-0.32
FINANCIALS	18.41	17.94	0.47
HEALTH CARE	10.15	9.99	0.16
INDUSTRIALS	17.78	18.22	-0.43
INFORMATION TECHNOLOGY	11.55	12.29	-0.75
MATERIALS	5.81	5.97	-0.16
REAL ESTATE	7.99	7.50	0.49
UTILITIES	1.83	2.05	-0.22

#### March 31, 2024

POOL 205 FIXED INCOME



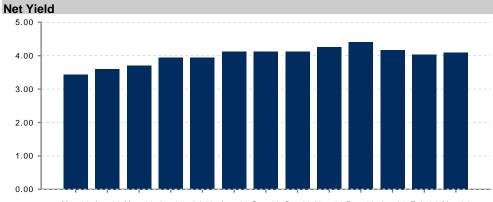


	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Mar 31 2024	Mar 31 2023	Mar 31 2022
POOL 205 FIXED INCOME	0.71	0.17	0.17	3.89	0.36	1.87	4.05	3.89	-0.34	-2.39
FTSE BIG (DAILY)	0.85	-0.84	-0.84	1.62	-2.53	0.36	3.96	1.62	-4.91	-4.17
	-0.14	1.01	1.01	2.28	2.89	1.51	0.09	2.28	4.57	1.78

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March 31, 2024

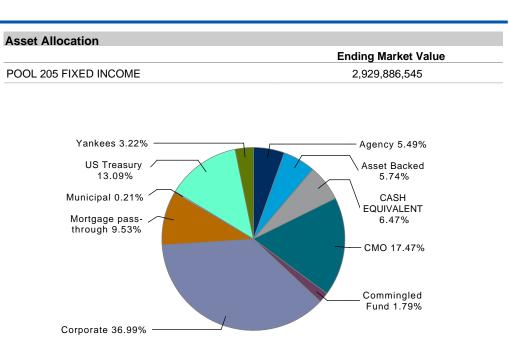
POOL 205 FIXED INCOME



Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

	Current Mth	Prior Mth	1 Year Ago
POOL 205 FIXED INCOME	4.10	4.04	3.43

## STATE STREET



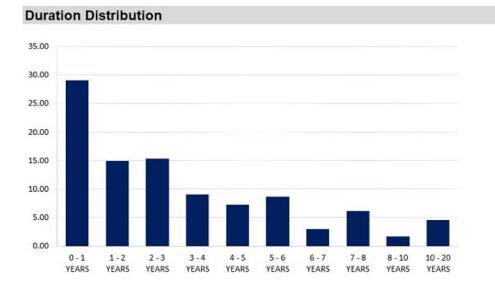
Net Asset	Values	s over	Time	(\$MM)									
3,500													
3,000	2,688	2,700	2,696	2,745	2,776	2,771	2,754	2,830	2,900	2,905	2,884	2,930	)
2,500	-	-	-		-	-		-		-	-		
2,000						n .							
1,500			-		-			-		-			
1,000					-	m 1		-		-	-		
500		-	-		-			-		-	-		
0													
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	4 Mar-24	4

Top 10 Holdings		
Security Name	Ending Market Value	% of Portfolio
POOL 205 FIXED INCOME		
ILA FINANCIAL SQUARE GOVT	94,721,871	3.23
ISHARES TIPS BOND ETF	30,420,875	1.04
US TREASURY N/B	30,075,833	1.03
BOEING CO	30,069,673	1.03
GOLDMAN SACHS GROUP INC	25,621,353	0.87
BANK OF MONTREAL	24,896,902	0.85
US TREASURY N/B	24,061,802	0.82
US TREASURY N/B	23,782,266	0.81
US TREASURY N/B	21,158,104	0.72
UNITEDHEALTH GROUP INC	20,723,956	0.71

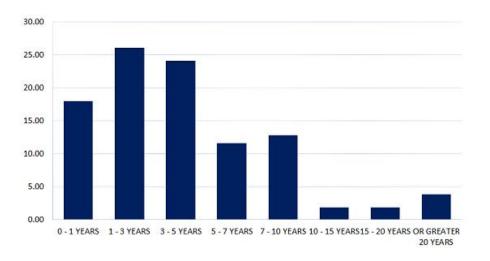
March 31, 2024

POOL 205 FIXED INCOME





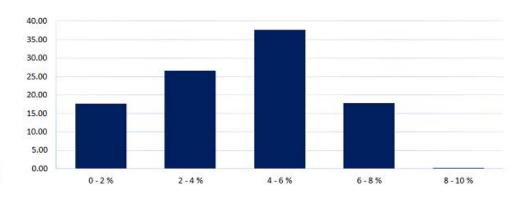
#### **Expected Maturity Distribution**



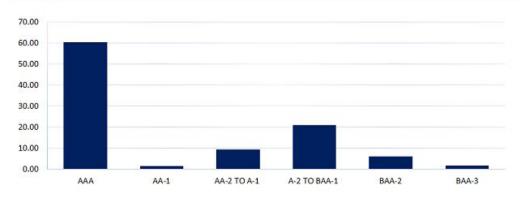
#### **Portfolio Level Characteristics**

	POOL 205 FIXED INCOME
Effective Maturity	5.13
Coupon	4.41
Effective Duration	3.36
Quality Rating (Moody's)	AA-2

#### **Coupon Distribution**

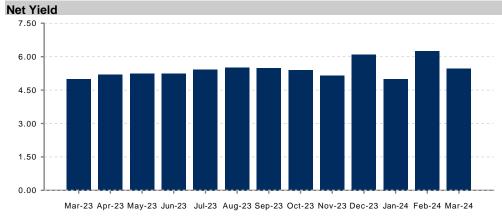


#### **Rating Distribution**

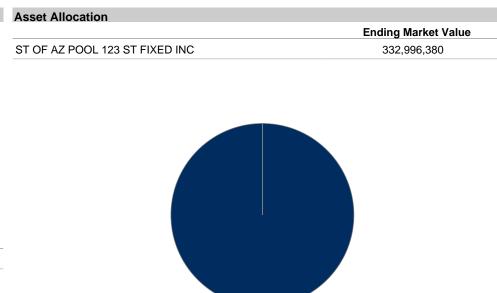


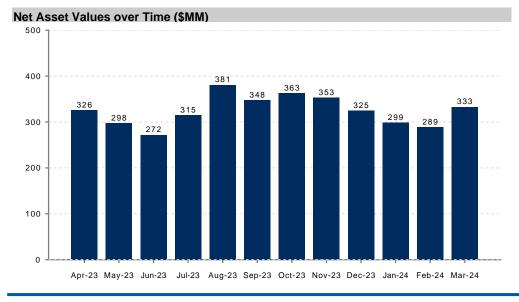
March 31, 2024

**POOL 123 ST** 



	Current Mth	Prior Mth	1 Year Ago
ST OF AZ POOL 123 ST FIXED INC	5.47	6.26	4.99





Top 10 Holdings		
Security Name	Ending Market Value	% of Portfolio
ST OF AZ POOL 123 ST FIXED INC		
ILA FINANCIAL SQUARE GOVT	49,797,474	14.95
TREASURY BILL	39,831,192	11.96
GOTHAM FDG CORP	24,940,889	7.49
DUKE ENERGY CORP	19,951,289	5.99
MCCORMICK & COMPANY	19,925,000	5.98
ATLANTIC ASSET SECUR	19,873,150	5.97
NEXTERA ENERGY CAP HLDGS INC	19,870,033	5.97
NEXTERA ENERGY CAP HLDGS INC	19,857,656	5.96
HARLEY-DAVIDSON FND CP	19,805,056	5.95
LEXINGTN PKR CAP CO LL	14,906,900	4.48

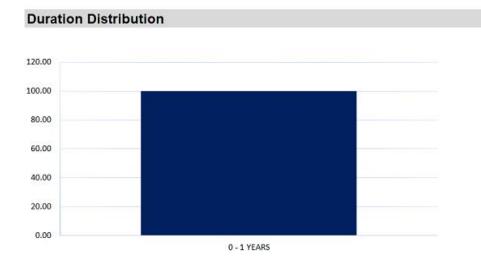


CASH EQUIVALENT 100.00%

March 31, 2024

POOL 123 ST

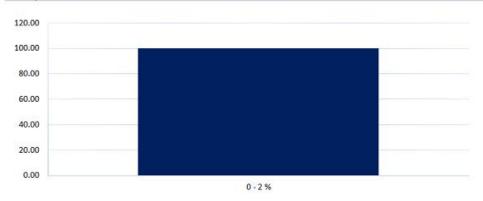




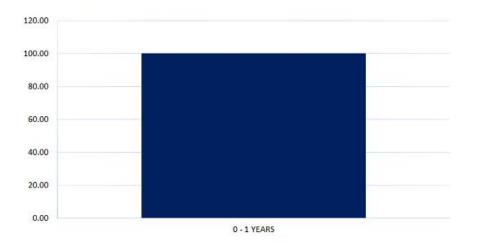
#### **Portfolio Level Characteristics**

	POOL 123 ST
Effective Maturity	0.12
Coupon	4.41
Effective Duration	0.12
Quality Rating (Moody's)	AAA

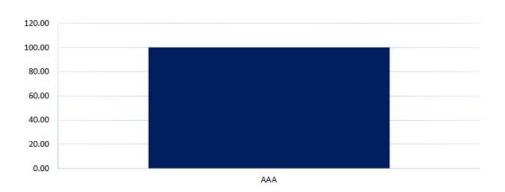
#### **Coupon Distribution**

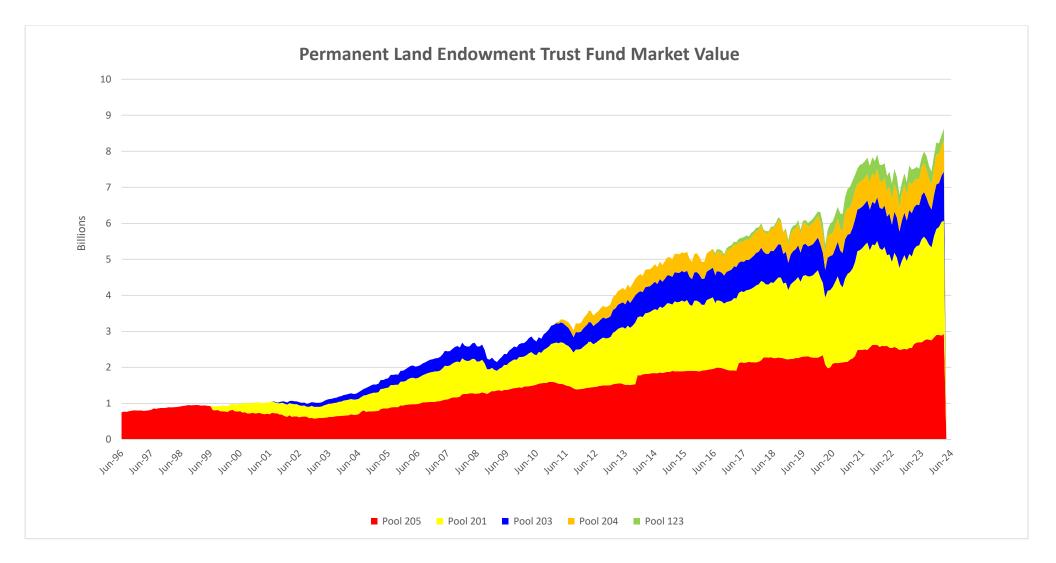


## **Expected Maturity Distribution**



#### **Rating Distribution**





#### 

State Treasurer's Report April 30, 2024

## ARIZONA ENDOWMENT TRUST FUND

	NET REALIZED CAPI	TAL GAIN/(LOSS)
	<u>March 2024</u>	<u>March 2023</u>
	¢<24.742	¢o
Current Month	\$624,743	\$0
Year-to-date	1,189,542	75,230
	MONTHLY P	ROCEEDS
	<u>FY 23/24</u>	
July	\$2,156,834	
August	2,306,880	
September	2,360,201	
October	2,497,935	
November	-	
December	-	
January	-	
February	-	
March	-	
April		
May		
June		
TOTAT	¢0 221 850	

TOTAL

\$9,321,850

#### ASSET ALLOCATION

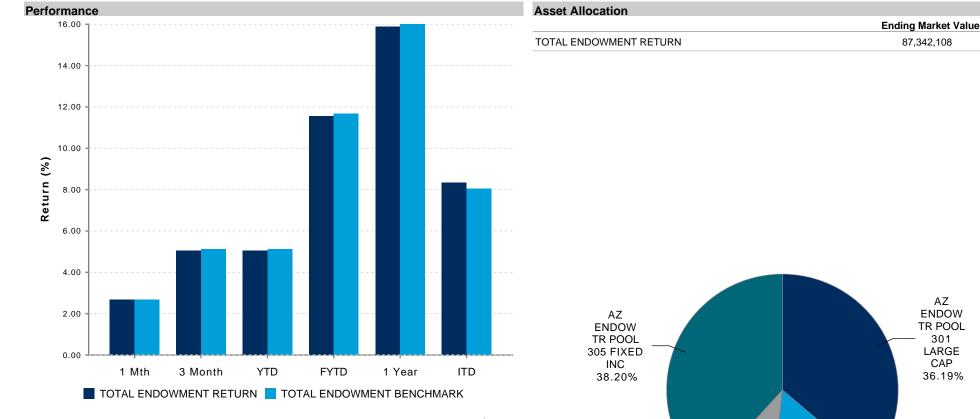
	SHARES OUTSTANDING	BOOK <u>VALUE</u>	MARKET <u>VALUE</u>	UNREALIZED <u>GAIN / (LOSS)</u>	
Fixed Income Pools	2,617,451	\$30,851,053	\$33,363,301	\$2,512,247	
Equity Pools	3,593,638	44,525,859	53,978,808	9,452,949	
TOTAL	6,211,088	\$75,376,913	\$87,342,108	\$11,965,196	

March 31, 2024

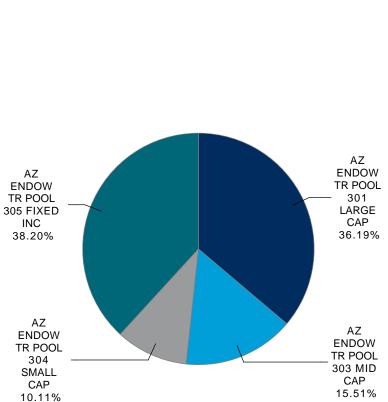
Arizona Endowment Trust Fund Summary



87,342,108



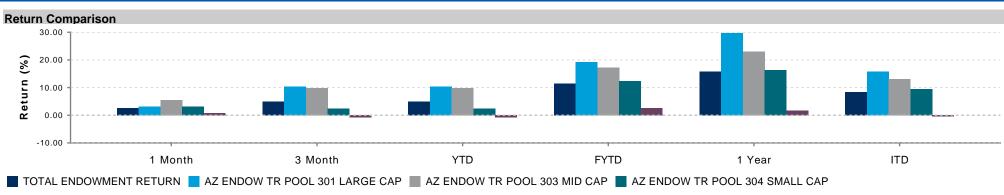
	1 Mth	3 Mth	YTD	FYTD	1 Year	ITD	Incept Date
TOTAL ENDOWMENT RETURN	2.68	5.04	5.04	11.56	15.87	8.33	09/19
TOTAL ENDOWMENT BENCHMARK	2.68	5.11	5.11	11.67	15.99	8.05	09/19
	-0.01	-0.07	-0.07	-0.12	-0.12	0.28	



March 31, 2024

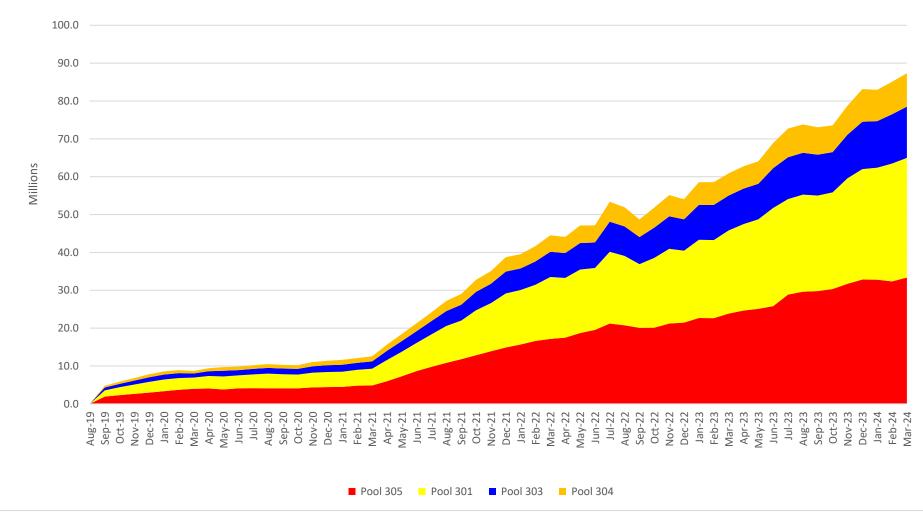
Total Returns Net Mgr





AZ ENDOW TR POOL 305 FIXED INC

	Market Value	Actual Weight	1 Mth	3 Mth	YTD	FYTD	1 Year	ITD	Inc Date
TOTAL ENDOWMENT RETURN	87,342,108	100.00	2.68	5.04	5.04	11.56	15.87	8.33	Sep-01-19
TOTAL ENDOWMENT BENCHMARK			2.68	5.11	5.11	11.67	15.99	8.05	Sep-01-19
			-0.01	-0.07	-0.07	-0.12	-0.12	0.28	
AZ ENDOW TR POOL 301 LARGE CAP	31,604,921	36.19	3.23	10.32	10.32	19.32	29.68	15.88	Sep-01-19
S&P 500 INDEX (DAILY)			3.22	10.56	10.56	19.44	29.88	15.51	Sep-01-19
			0.02	-0.23	-0.23	-0.12	-0.20	0.36	
AZ ENDOW TR POOL 303 MID CAP	13,546,923	15.51	5.50	9.77	9.77	17.35	23.03	13.13	Sep-01-19
S&P 400 MIDCAP INDEX (DAILY)			5.60	9.95	9.95	17.63	23.33	12.88	Sep-01-19
			-0.09	-0.18	-0.18	-0.28	-0.30	0.25	
AZ ENDOW TR POOL 304 SMALL CAP	8,826,963	10.11	3.21	2.35	2.35	12.32	16.29	9.51	Sep-01-19
S&P SM 600 TR			3.24	2.46	2.46	12.14	15.93	10.42	Sep-01-19
			-0.03	-0.12	-0.12	0.18	0.36	-0.91	
AZ ENDOW TR POOL 305 FIXED INC	33,363,301	38.20	0.86	-0.73	-0.73	2.57	1.69	-0.46	Sep-01-19
FTSE BIG (DAILY)			0.85	-0.84	-0.84	2.53	1.62	-0.90	Sep-01-19
			0.02	0.11	0.11	0.04	0.08	0.45	



## Arizona Endowment Trust Fund Market Value

## Overall Performance – Where We Are Now

- > AZ529, Arizona's Education Savings Plan:
  - Total assets: \$2,251,096,004 (+18.7% YoY)
    - Total Arizona resident assets: \$1,185,490,952 (52.7%)
    - o Total non-resident assets: \$1,065,605,052 (47.3%)
  - Total accounts: 109,042 (+6.5% YoY)
    - Total Arizona resident accounts: 64,497 (59.1%)
    - Total non-resident accounts: 44,545 (40.9%)

## Fidelity AZ529, Arizona's Education Savings Plan | Direct Sold

Fidelity remains the largest AZ529 provider, holding 68.9% of total assets and 70.9% of total accounts. Total Fidelity AZ529, Arizona's Education Savings Plan assets in March were up 22.7% YoY to \$1,550,675,758 with total accounts up 11.6% YoY to 77,262. Arizona residents held 72.8% of total assets and 79.9% of total accounts, with the rest held by non-residents.

## Goldman Sachs 529 Plan | Advisor Sold

Goldman Sachs remains the second largest AZ529 provider, holding 30.9% of total assets and 28.6% of total accounts. Total Goldman Sachs 529 Plan assets in March were up 11.6% YoY to \$696,099,770 with total accounts down 3.6% YoY to 31,205. Arizona residents held 8.0% of total assets and 8.0% of total accounts, with the rest held by non-residents.

## **College Savings Bank Plan | Closed Plan**

College Savings Bank (CSB) continues to wind down its participation as an AZ529 provider, holding 0.2% of total assets and 0.5% of total accounts. Total CSB Plan assets in March were \$4,320,476 in 575 accounts. Arizona residents held 30.8% of total assets and 42.4% of total accounts, with the rest held by non-residents.

## AZ529 Plan Assets |

	March 29, 2024	March 31, 2023	YoY Change
Fidelity AZ529, Arizona's			
Education Savings Plan	\$1,550,675,758	\$1,264,132,819	+22.7%
Goldman Sachs 529 Plan	\$696,099,770	\$623,879,729	+11.6%
College Savings Plan	\$4,320,476	\$7,693,279	-43.8%
	\$2,251,096,004	\$1,895,705,827	+18.7%

## AZ529 Plan Accounts |

	March 29, 2024	March 31, 2023	YoY Change
Fidelity AZ529, Arizona's			
Education Savings Plan	77,262	69,252	+11.6%
Goldman Sachs 529 Plan	31,205	32,357	-3.6%
College Savings Plan	575	820	-29.9%
TOTAL AZ529 ACCOUNTS	109,042	102,429	+6.5%