

OFFICE OF THE  
**ARIZONA STATE TREASURER**



**JEFF DEWIT**  
TREASURER



**SEPTEMBER 2017**

**Presented To:**

**Arizona State Board of Investment**

**October 26th, 2017**

STATE BOARD OF INVESTMENT

**A G E N D A**

**October 26, 2017**

1. Call to Order
2. Chairman Remarks
3. Approval of September 26, 2017 Minutes
4. Review of Treasurer's Monthly Reports
  - A. Earnings Distribution; Investment Pools
  - B. Operating Monies Invested Balances
  - C. State Agency Pools Investments and Performance Reports
  - D. LGIP Pools Investments and Performance Reports
  - E. Earnings Distributed Endowment Funds
  - F. Land Sales Monthly Proceeds Endowment Funds
  - G. Endowment Investments and Performance Reports
5. Proposed Changes to the Investment Policy
  - A. Review of Proposed Changes
  - B. Public Comment on Proposed Changes
  - C. Discussion and Action on Proposed Changes
6. Review and Approval of Proposed/Pending Securities Dealers
7. General Business
8. Call to the Public
9. Notice of Next Meeting
10. Adjournment

**REPORT OF THE STATE TREASURER**

**FOR**

**October 26, 2017**

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**Minutes of  
BOARD OF INVESTMENT MEETING**

The regular meeting of the State Board of Investment was held on September 26, 2017 in the Office of the State Treasurer, 1700 West Washington, State Capitol, West Wing, Treasurer's Conference Room, Phoenix, Arizona. Treasurer DeWit called the meeting to order at approximately 1:33 p.m.

**Members Present:**

Jeff DeWit, Chair, State Treasurer  
Harry A. Papp, CFA & Managing Partner, L. Roy Papp & Associate  
Beth Ford, Treasurer, Pima County – Via Teleconference  
Craig Brown, Director, Arizona Department of Administration  
Robert Charlton, Superintendent, Arizona Department of Financial Institutions

**Others Present:**

Mark Swenson, Deputy Treasurer of Policy & Research, Arizona State Treasurer's Office  
Lorraine Jones, Deputy Treasurer of Operations, Arizona State Treasurer's Office  
Patty Humbert, Chief Investment Officer, Arizona State Treasurer's Office  
Tim White, Senior Portfolio Manager, Arizona State Treasurer's Office  
Dennis Stevenson, Portfolio Manager, Arizona State Treasurer's Office  
Jake Richardson, Investment Analyst, Arizona State Treasurer's Office  
Eric Stivers, Collateral Analyst, Arizona State Treasurer's Office  
Michael Leslein, Investment Accounting Manager, Arizona State Treasurer's Office  
Patrick Quigley, Assistant Deputy Treasurer of Finance, Arizona State Treasurer's Office  
Ken Price, Human Resource Manager, Arizona State Treasurer's Office  
Dajana Zlaticanin, Communications Director, Arizona State Treasurer's Office  
Laura Wirick, Principal, Meketa Investment Group  
Holly Heiserman, Vice President, Meketa Investment Group

Pursuant to A.R.S. 35-311, the following reports for August, 2017 were submitted for the Board's approval:

Review of Treasurer's Monthly Reports:

Earnings Distribution; Investment Pools  
Operating Monies Invested Balances  
State Agency Pools Investments and Performance Reports  
LGIP Pools Investments and Performance Reports  
Earnings Distributed Endowment Funds  
Land Sales Monthly Proceeds Endowment Funds  
Endowment Investments and Performance Reports

**1. Call to Order:**

Treasurer DeWit called the September 26, 2017 BOI meeting to order at approximately 1:38 p.m.

**2. Treasurers Comments:**

Treasurer DeWit welcomed the board members and guests and thanked all present for attending the September 26, 2017 meeting.

**3. Approval of Minutes:**

Mr. Papp made a motion to approve the August 29, 2017 report. Mr. Brown seconded the motion. Motion carried.

**4. Review of Treasurer's Monthly Report**

**Earnings Distribution – Investment Pools**

Ms. Humbert reported the earnings distributed month-to-date, year-to-date, prior year-to-date, and investment management fees deposited in the General Fund for the month of August, 2017.

**Operating Monies Average Invested Balance**

Ms. Humbert reported the Operating Monies average invested balance for the month of August, 2017.

**Review of Treasurer's Monthly Report – Agency Pools:**

Ms. Humbert presented the monthly report for the Agency Pools portion of the Arizona State Treasurer's Office to the Board of Investment as follows:

*Ms. Humbert provided follow up to the Board regarding Mr. Papp's question if the Dreyfus fund holdings in External Pool 10 had any direct exposure to Puerto Rico. Ms. Humbert was happy to report that the fund does not have any direct exposure.*

*Mr. Brown asked of the municipals impacted by the recent natural disasters, which is held by Pool 10. Ms. Humbert will be provide follow up to the Board at the next meeting.*

**State Agency Pools Portfolio Yield Analysis**

Ms. Humbert reported the net yields for the State Agency Pools for the month of August, 2017.

**Manager Allocation of Invested Monies for the State Agency Pools**

Ms. Humbert reported the total market value of all of the State Agency Pools broken up to show the percent allocated to each individual State Agency Pool as of August 31, 2017.

**Investments Outstanding in State Agency Pools**

Ms. Humbert reported the total net assets, asset allocation, the weighted average life, the weighted average duration and the weighted average rating for the State Agency Investment Pools as of August 31, 2017.

**Review of Treasurer's Monthly Report – LGIP Investment Pools:**

Mr. Stevenson presented the monthly report for the LGIP Investment Pools portion of the Arizona State Treasurer's Office to the Board of Investment as follows:

**LGIP (Pool 5) & LGIP GOV (Pool 7) Portfolio Yield Analysis**

Mr. Stevenson reported the net yield for the LGIP and LGIP-Gov Pools and the comparison to the benchmark for the month of August, 2017.

**Pool 500 & Pool 700 Portfolio Yield Analysis**

Mr. Stevenson reported the net yield for the LGIP Medium Term Pools and the comparison to the benchmark for the month of August, 2017.

**Manager Allocation of Invested Monies for the LGIP Pools**

Mr. Stevenson reported the total market value invested in all of the LGIP Pools as a percentage of the total that was allocated to each of the LGIP, LGIP-Gov, and LGIP Medium Term Pools as of August 31, 2017.

**LGIP Pools Investments and Performance Reports**

Mr. Stevenson reported the total net assets, asset allocation, the weighted average life, the weighted average duration, and the weighted average rating on the LGIP, LGIP-Gov, and LGIP Medium Term pools for the month of August, 2017.

**Review of Treasurer's Monthly Report – Endowments:**

Mr. White presented the endowment portion of the monthly report of the Arizona State Treasurer's Office to the Board of Investment as follows:

**Earnings Distributed Endowment Funds**

Mr. White reported the earnings distributed for the Endowment Funds for the month of August, 2017.

**Net Realized Capital Gains/Losses – Endowment Funds**

Mr. White reported the net realized capital gains for the Endowment Fixed Income, S&P 500, S&P 400 and S&P 600 pools for the month of August, 2017 and fiscal year to date.

### **Endowment Funds Fixed-Income Pool Purchases & Sales**

Mr. White reported the purchases and sales of the Endowment Fixed Income Pool for the month of August, 2017.

### **Equity Funds Purchases & Sales**

Mr. White reported the purchases and sales (summary) of the Endowment Equity Pools for the month of August, 2017.

### **Investments Outstanding in Endowment Funds**

Mr. White reported the par, book, market value, and unrealized gains/loss of the Endowment Funds as of August 31, 2017.

### **Performance of Investments in Endowment Funds**

Mr. White reported the performance of the Endowment Funds for the current month, the year to date, trailing one year, trailing three years, trailing five years, and since inception for the Endowment Funds as of August 31, 2017.

### **Manager Allocation of Invested Monies for the Endowment Pools**

Mr. White reported the percentage of the total market value of all of the Endowment investments allocated to each of the Endowment Pools, as of August 31, 2017.

### **Equity Holdings Investments Outstanding S&P 500**

Mr. White reported the investments outstanding by portfolio characteristics and industry sector for the S&P 500 Pool as of August 31, 2017.

### **Equity Holdings Investments Outstanding S&P 400**

Mr. White reported the investments outstanding by portfolio characteristics and industry sector for the S&P 400 Pool as of August 31, 2017.

### **Equity Holdings Investments Outstanding S&P 600**

Mr. White reported the investments outstanding by portfolio characteristics and industry sector for the S&P 600 Pool as of August 31, 2017.

### **Fixed Income Investments and Performance Reports**

Mr. White reported the total net assets, asset allocation, the weighted average life, the weighted average duration and the weighted average rating for the Fixed Income Pool for the month of August, 2017.

*Mr. Brown asked how the total market value of the assets in Pool 123 could be more than the total value of the Pool. Discussion ensued and follow up will be addressed at next Board of Investment Meeting.*

### **Endowment Investments and Performance Growth by Account Reports**

Mr. White reported the performance and growth for each of the Endowment Funds from the inception date of each fund through the end of August 31, 2017.

### **Approval of Treasurer's Report**

Ms. Ford made a motion to approve the Treasurer's Report with corrections as presented. Mr. Brown seconded the motion. Motion carried.

#### **5. Proposed Changes to Investment Policy:**

There were no Proposed Changes to Investment Policy.

#### **6. Review and approval of Proposed/Pending Securities Dealers**

There were no Proposed/Pending Securities Dealers.

#### **7. General Business:**

##### **A. Meketa Investment Group Asset Allocation Presentation**

*Principal Laura Wirick and Vice President Holly Heiserman gave the presentation to the Board. They will be available via-teleconference at next month's meeting for follow up questions.*

#### **8. Call to the Public:**

There was no Public comment.

*Mr. Papp provided the members of the board with a brief economic update.*

#### **9. Notice of Next Meeting:**

Treasurer DeWit advised the Board that the next regular meeting of the Board of Investment will be Thursday, October 26, 2017 at 1:30 p.m. at 1700 West Washington, State Capitol, West Wing, Treasurer's Conference Room, Phoenix, Arizona.

State Treasurer's Report  
October 26, 2017 Meeting  
Minutes of the September 26, 2017 Meeting

**10. Adjournment:**

Mr. Brown made a motion to adjourn the BOI meeting. Mr. Charlton seconded the motion. Upon unanimous approval the BOI Meeting was adjourned at 3:17 p.m.

Respectfully Submitted by:

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Christine Thurston  
Executive Consultant II

Approved by:

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Jeff DeWit, Chair

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Date

**EARNINGS DISTRIBUTION - INVESTMENT POOLS  
 SEPTEMBER 2017**

Recipient	Earnings Distributed			Fiscal YTD Investment Management Fees Received
	SEPTEMBER 2017	Fiscal YTD 17/18	Fiscal YTD 16/17	
General Fund *	\$1,530,921	\$4,615,295	\$4,051,754	
2 State Agencies - Full Faith & Credit	762,640	2,212,392	1,735,009	111,966
3 State Agencies - Diversified (Combined) **	1,213,686	3,640,490	2,290,378	194,072
4 State Agencies - Gov	768,788	2,294,045	1,460,604	123,910
5 LGIP	950,436	3,008,826	1,241,401	158,326
7 LGIP Gov	890,758	2,806,652	989,094	172,442
9A Public School Credit Enhancement ***	0	0	0	9,210
10 Restricted Operating	478,817	1,406,816	1,084,574	172,342
12 CAWCD Medium-Term	506,761	1,509,886	1,213,970	50,753
16 ECDH Medium-Term	549,502	1,628,079	1,438,799	54,225
<b>Subtotal</b>	<b>\$7,652,308</b>	<b>\$23,122,481</b>	<b>\$15,505,583</b>	<b>\$1,047,247</b>
<b>NAV POOL</b>				
500 LGIP - Med Term	466,151	1,383,099	861,762	45,689
700 LGIP - FF&C Med Term	238,275	558,706	405,206	20,121
<b>Total</b>	<b>\$8,356,734</b>	<b>\$25,064,285</b>	<b>\$16,772,551</b>	<b>\$1,113,057</b>
<b>SEPTEMBER 2016 TOTALS</b>	<b>\$5,502,995</b>			<b>\$1,086,555</b>

\* Note: Pool 15 AHCCCS Operating Earnings are reported in General Fund

\*\* Note: Pool 15 AHCCCS Operating Management Fees are reported in Pool 3 State Agencies Diversified (Combined)

\*\*\* Note: 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 September 30, 2017  
 (in millions)

<u>Month</u>	<u>Fiscal Year</u> <u>2015/2016</u>	<u>Fiscal Year</u> <u>2016/2017</u>	<u>Fiscal Year</u> <u>2017/2018</u>
JULY	\$1,795	\$2,012	\$1,635
AUGUST	1,554	1,504	1,303
SEPTEMBER	1,874	1,694	1,455
OCTOBER	1,701	1,672	
NOVEMBER	1,686	1,633	
DECEMBER	1,734	1,693	
JANUARY	2,140	2,255	
FEBRUARY	2,295	2,306	
MARCH	2,092	1,968	
APRIL	2,407	1,961	
MAY	2,720	2,215	
JUNE	2,590	2,147	
<b>Y-T-D Average</b>	<b>\$2,049</b>	<b>\$1,922</b>	<b>\$1,464</b>
<b>Budget Stabilization Average Fund Balance - September 2017</b>			<b><u>\$454</u></b>
<b>Total Average Cash Available - September 2017</b>			<b>\$1,909</b>

**STATE AGENCY POOLS  
 PORTFOLIO EARNINGS ANALYSIS  
 SEPTEMBER 2017**

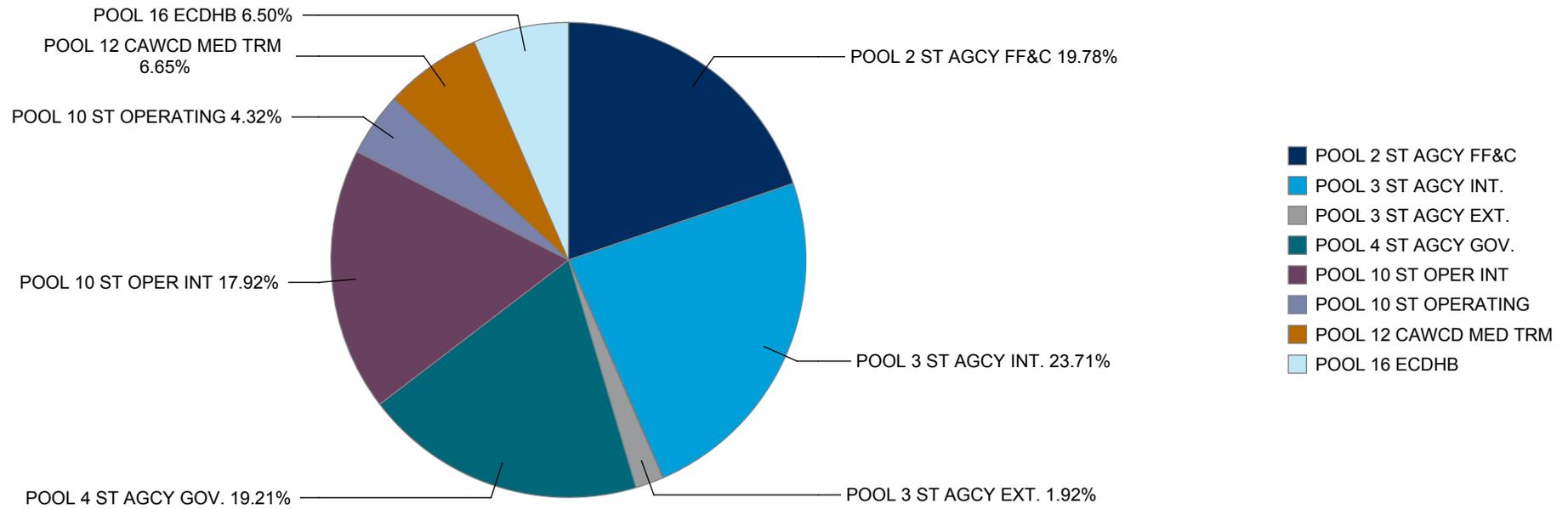
<b>FUND</b>	<b>DESCRIPTION</b>	<b>Current Month 09/30/17</b>	<b>Prior Month 08/31/17</b>	<b>Prior Year 09/30/16</b>	<b>Net Asset Value Per Share</b>
2	STATE AGENCIES - FULL FAITH & CREDIT	803,287	800,081	659,474	0.9775
3	STATE AGENCIES - DIVERSIFIED				
	INTERNAL MANAGERS	1,459,378	1,422,976	1,040,042	1.0131
	EXTERNAL MANAGERS	129,568	137,249	104,033	1.0000
	<b>FUND 3 TOTAL</b>	<b>1,588,945</b>	<b>1,560,226</b>	<b>1,144,075</b>	1.0121
4	STATE AGENCIES - GOV	915,364	934,255	611,382	0.9980
9A	PUBLIC SCHOOL CREDIT ENHANCEMENT	84,508	95,526	N/A	0.9775
10	RESTRICTED OPERATING				
	INTERNAL MANAGERS	1,131,283	1,132,112	906,748	0.9978
	EXTERNAL MANAGERS	178,331	182,730	146,464	0.9999
	<b>FUND 10 TOTAL</b>	<b>1,309,615</b>	<b>1,314,842</b>	<b>1,053,212</b>	0.9982
12	CAWCD MEDIUM-TERM	506,761	508,124	399,399	1.0012
15	AHCCCS OPERATING	28,248	54,333	9,461	N/A
16	ECDH MEDIUM-TERM	549,502	546,794	469,536	0.9987
	<b>TOTAL STATE AGENCIES</b>	<b>5,786,230</b>	<b>5,814,182</b>	<b>4,346,539</b>	

**STATE AGENCY POOLS  
 PORTFOLIO YIELD ANALYSIS  
 SEPTEMBER 2017**

<b>FUND</b>	<b>DESCRIPTION</b>	<b>Current Month 09/30/17</b>	<b>Prior Month 08/31/17</b>	<b>Prior Year 09/30/16</b>
2	STATE AGENCIES - FULL FAITH & CREDIT	1.16%	1.31%	<b>0.81%</b>
	75% MERRILL 0-1 US TREAS INDEX / 25%	1.60%	1.55%	<b>0.88%</b>
	MERRILL US GNMA MORTGAGE BACKED INDEX			
3	STATE AGENCIES - DIVERSIFIED			
	INTERNAL MANAGERS	1.44%	1.44%	<b>1.03%</b>
	EXTERNAL MANAGERS	1.51%	1.55%	<b>1.23%</b>
	COMBINED	1.44%	1.45%	<b>1.05%</b>
	50% 3 MONTH LIBOR INDEX / 50% MERRILL	1.50%	1.42%	<b>0.97%</b>
	1-3 US BROAD MARKET INDEX			
4	STATE AGENCIES - GOV	1.21%	1.29%	<b>0.81%</b>
	50% MERRILL 6 MTH US T-BILL INDEX / 50%	1.34%	1.21%	<b>0.62%</b>
	MERRILL 1-3 UNSUB. US TREAS / AGY INDEX			
9A	PUBLIC SCHOOL CREDIT ENHANCEMENT	1.16%	1.31%	<b>N/A</b>
10	RESTRICTED OPERATING			
	INTERNAL MANAGERS	1.46%	1.42%	<b>1.13%</b>
	EXTERNAL MANAGERS	0.77%	0.71%	<b>0.59%</b>
	COMBINED	1.29%	1.25%	<b>1.00%</b>
	50% 3 MONTH LIBOR INDEX / 50% MERRILL	1.50%	1.42%	<b>0.97%</b>
	1-3 US BROAD MARKET INDEX			
12	CAWCD MEDIUM-TERM	1.69%	1.64%	<b>1.43%</b>
	75% MERRILL 1-5 US D M INDEX / 25% S & P LGIP	1.70%	1.58%	<b>1.16%</b>
	INDEX			
15	AHCCCS OPERATING	0.32%	0.35%	<b>0.43%</b>
16	ECDH MEDIUM-TERM	1.89%	1.82%	<b>1.64%</b>
	75% MERRILL 1-5 US D M INDEX / 25% S & P LGIP	1.70%	1.58%	<b>1.16%</b>
	INDEX			



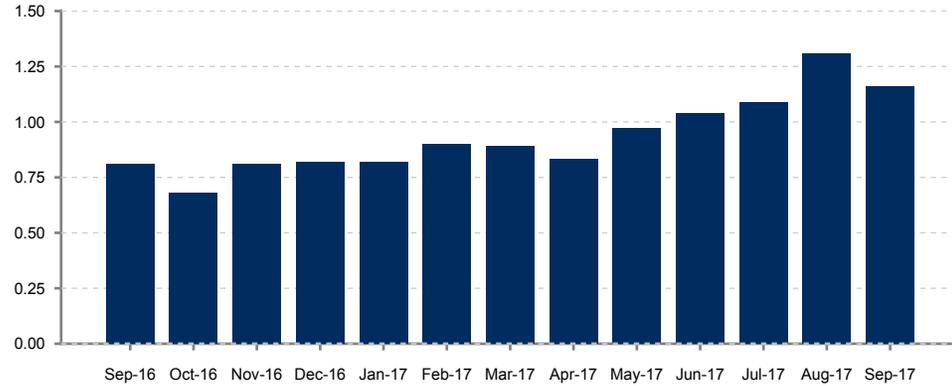
Manager Allocation



	Market Value	% of Portfolio
POOL 2 ST AGCY FF&C	1,080,078,539	19.8
POOL 3 ST AGCY INT.	1,295,113,062	23.7
POOL 3 ST AGCY EXT.	104,678,633	1.9
POOL 4 ST AGCY GOV.	1,048,893,016	19.2
POOL 10 ST OPER INT	978,638,384	17.9
POOL 10 ST OPERATING	236,009,530	4.3
POOL 12 CAWCD MED TRM	363,161,602	6.6
POOL 16 ECDHB	354,898,687	6.5
TOTAL STATE AGENCY	5,461,471,458	100.0



**Net Yield**



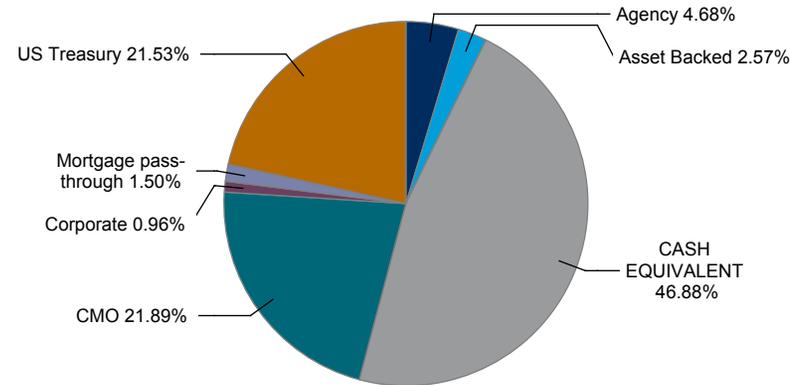
	Current Mth	Prior Mth	1 Year Ago
POOL 2 ST AGCY FF&C	1.16	1.31	0.81

**Asset Allocation**

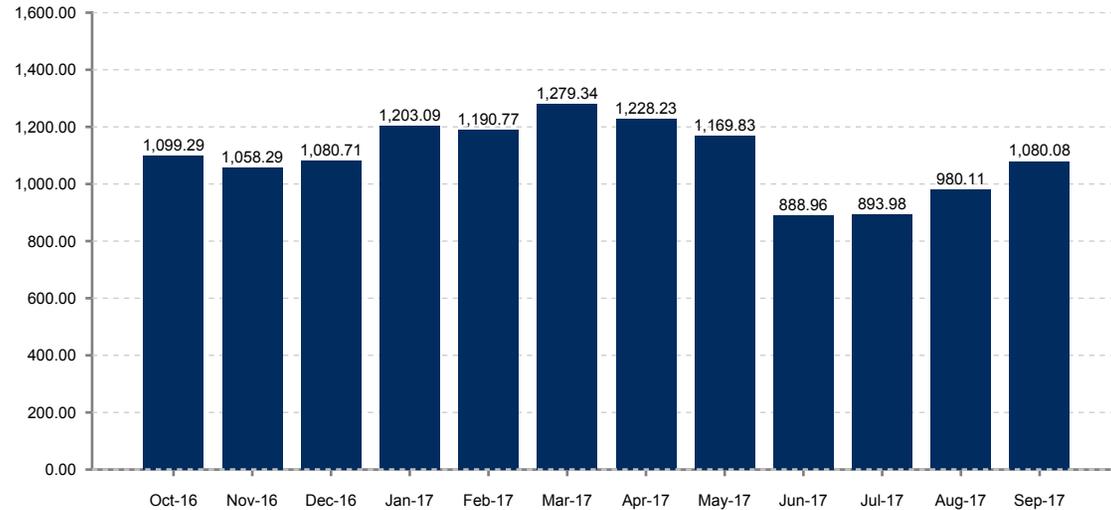
POOL 2 ST AGCY FF&C

**Ending Market Value**

1,080,078,539



**Net Asset Values over Time (\$MM)**

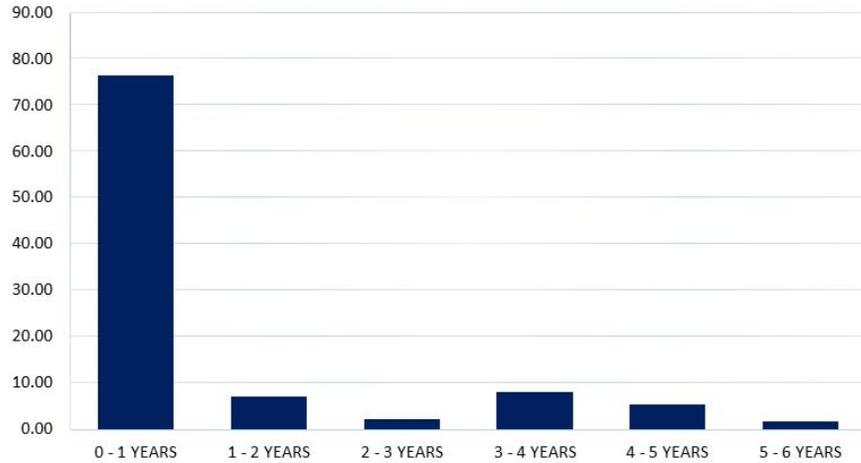


**Top 10 Holdings**

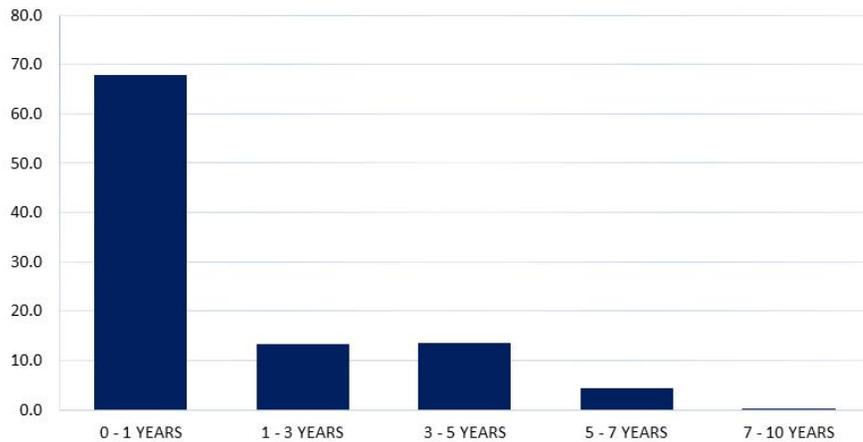
Security Name	Ending Market Value	% of Portfolio
POOL 2 ST AGCY FF&C		
DAIWA CAPITAL MARKETS	200,011,889	18.52
SOUTH STREET REPO	161,196,306	14.92
RBC CAPITAL MARKETS R	89,760,707	8.31
US TREASURY N/B	35,142,315	3.25
TREASURY BILL	29,980,198	2.78
US TREASURY N/B	20,273,166	1.88
US TREASURY N/B	20,078,983	1.86
US TREASURY N/B	20,029,318	1.85
GOVERNMENT NATIONAL	19,998,845	1.85
US TREASURY FRN	19,060,560	1.76



**Duration Distribution**



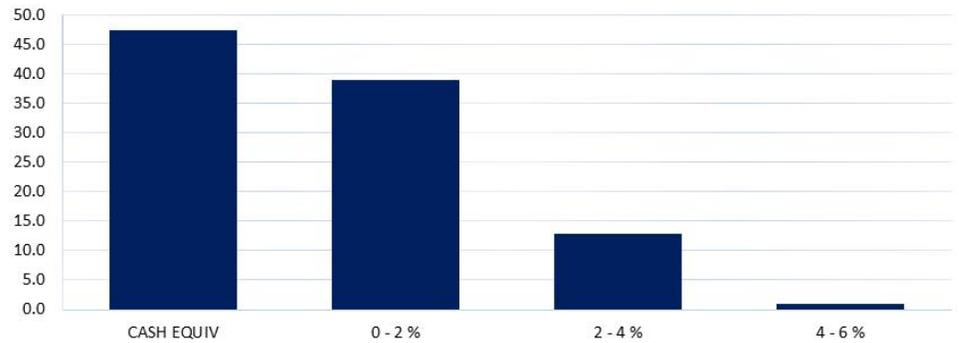
**Expected Maturity Distribution**



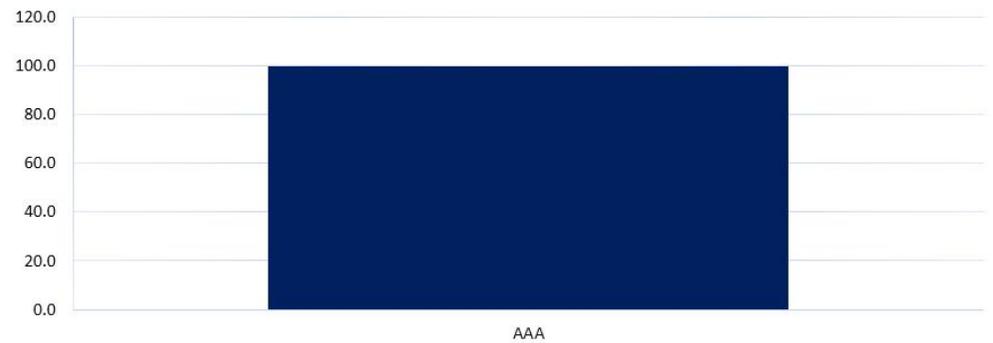
**Portfolio Level Characteristics**

	POOL 2 ST AGCY FF&C
Weighted Average Life	1.20
Coupon	1.40
Effective Duration	0.88
Quality Rating (Moody's)	AAA

**Coupon Distribution**

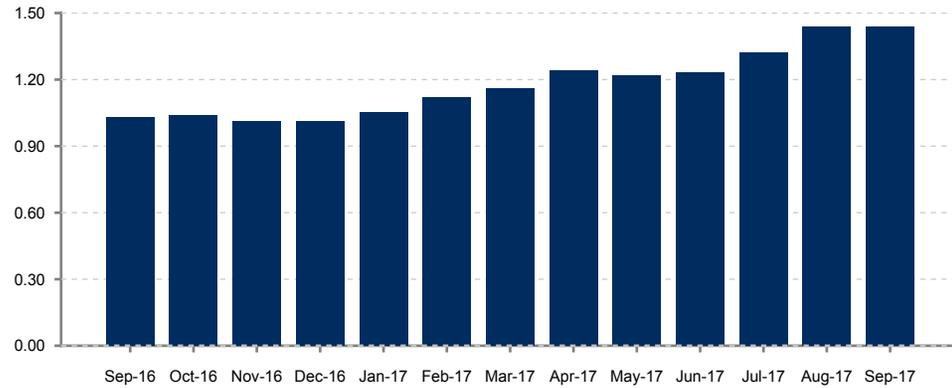


**Rating Distribution**





**Net Yield**

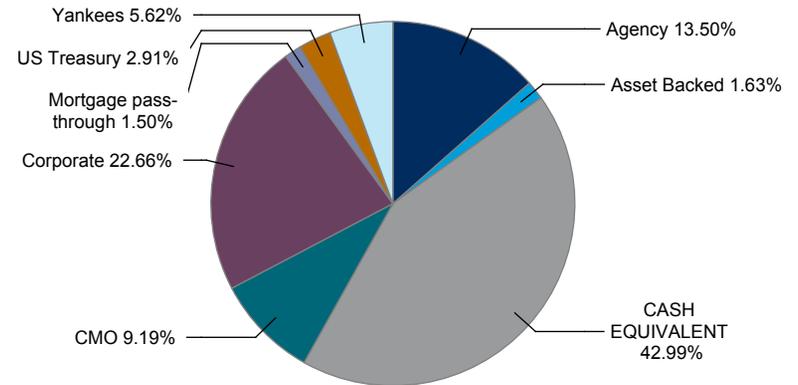


**Current Mth      Prior Mth      1 Year Ago**

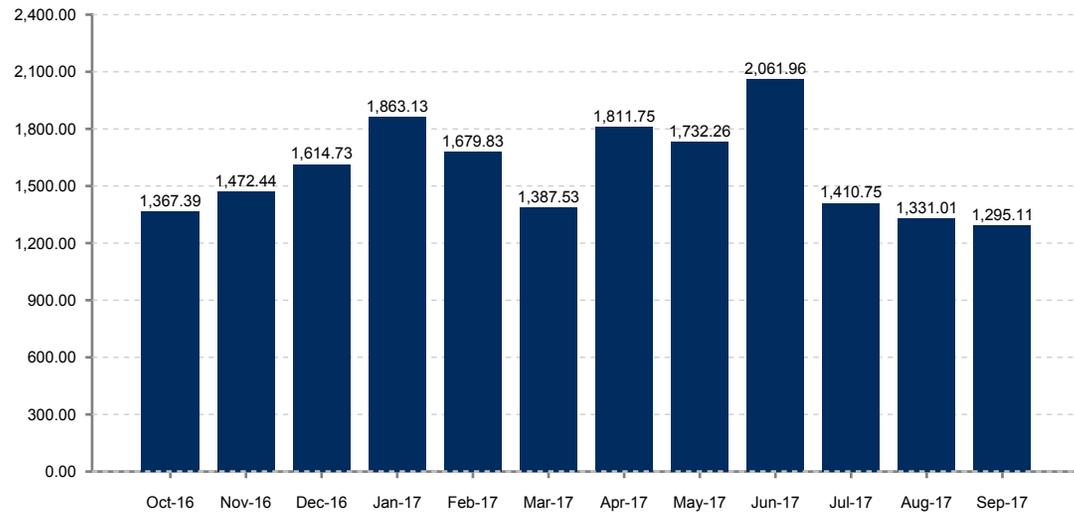
POOL 3 ST AGCY INT.	1.44	1.44	1.03
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**Asset Allocation**

<b>Ending Market Value</b>	
POOL 3 ST AGCY INT.	1,295,113,062



**Net Asset Values over Time (\$MM)**

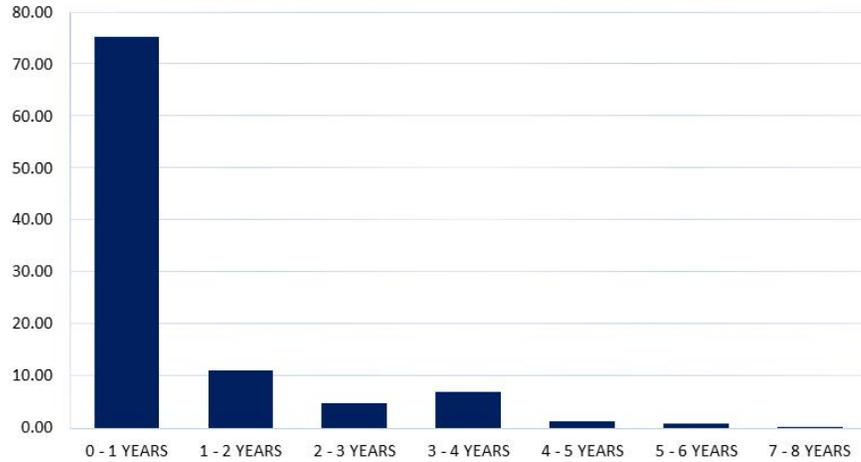


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 3 ST AGCY INT.		
SOUTH STREET REPO	300,019,167	23.17
SOUTH STREET REPO	66,719,019	5.15
IBM CORP	30,142,873	2.33
INSTITUTIONAL SECURED	29,998,925	2.32
NESTLE FIN FRANCE S.	24,999,354	1.93
BANK TOKYO MIT UFJ NY	24,999,195	1.93
FEDERAL FARM CREDIT BANK	24,743,329	1.91
FANNIE MAE	22,726,836	1.75
FEDERAL FARM CREDIT BANK	20,186,765	1.56
FORD MOTOR CREDIT CO LLC	20,068,357	1.55



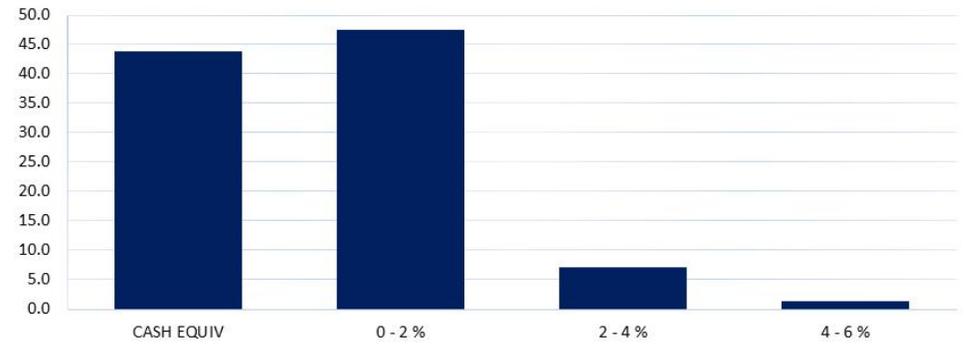
**Duration Distribution**



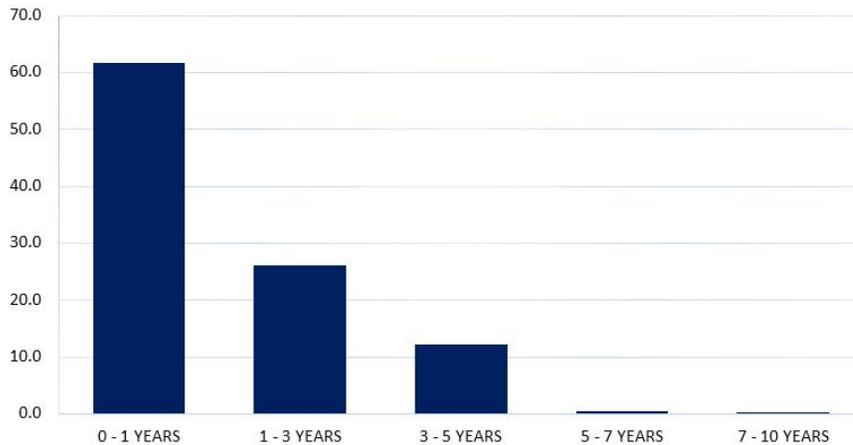
**Portfolio Level Characteristics**

	POOL 3 ST AGCY INT.
Weighted Average Life	1.07
Coupon	1.19
Effective Duration	0.68
Quality Rating (Moody's)	AA-2

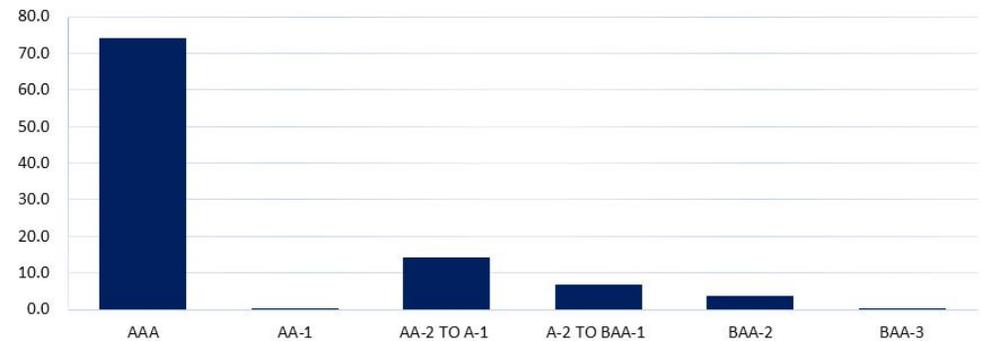
**Coupon Distribution**



**Expected Maturity Distribution**



**Rating Distribution**





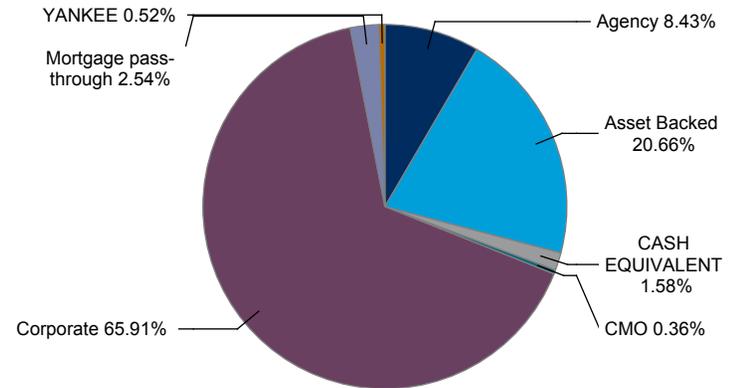
**Net Yield**



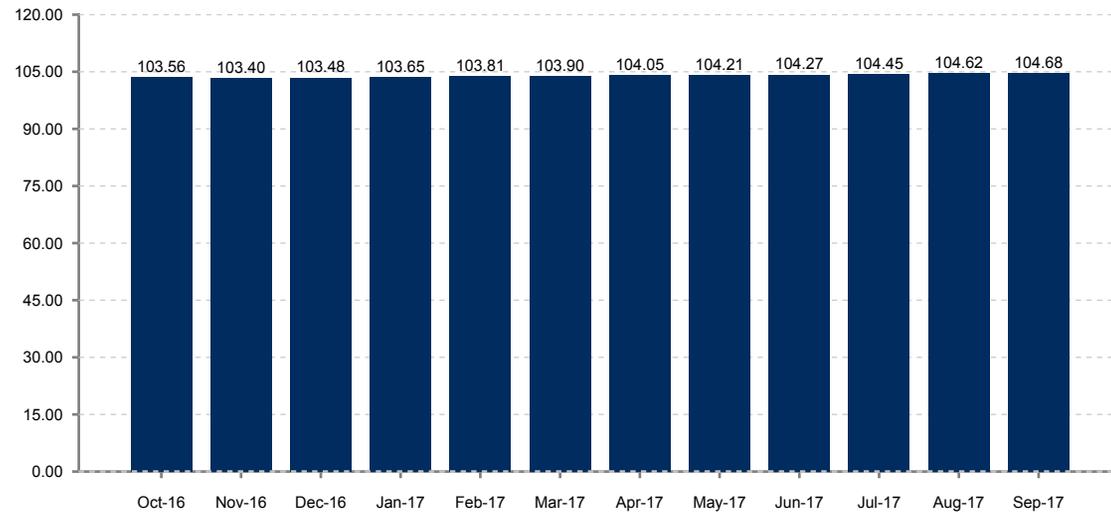
	Current Mth	Prior Mth	1 Year Ago
POOL 3 ST AGCY EXT.	1.51	1.55	1.23

**Asset Allocation**

	Ending Market Value
POOL 3 ST AGCY EXT.	104,678,633



**Net Asset Values over Time (\$MM)**

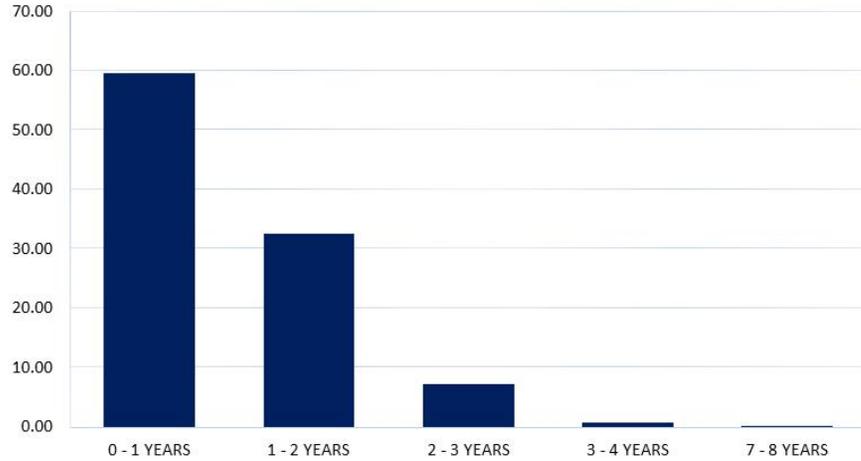


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 3 ST AGCY EXT.		
FANNIE MAE	2,974,977	2.84
FREDDIE MAC	2,788,957	2.66
DISCOVER CARD EXECUTION NOTE T	2,104,957	2.01
FANNIE MAE	1,991,423	1.90
FNMA POOL MA1443	1,891,374	1.81
BRANCH BANKING + TRUST	1,863,210	1.78
MANUF + TRADERS TRUST CO	1,808,438	1.73
CITIBANK NA	1,755,909	1.68
3M COMPANY	1,537,006	1.47
INTEL CORP	1,507,694	1.44



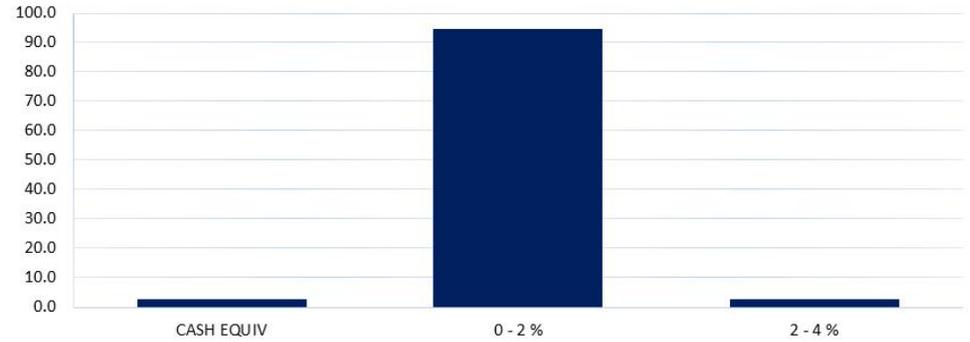
**Duration Distribution**



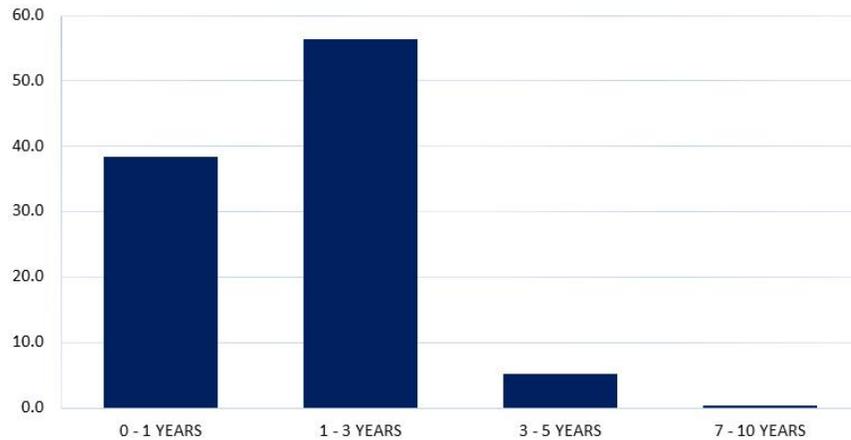
**Portfolio Level Characteristics**

	POOL 3 ST AGCY EXT.
Weighted Average Life	1.46
Coupon	1.35
Effective Duration	0.85
Quality Rating (Moody's)	A-1

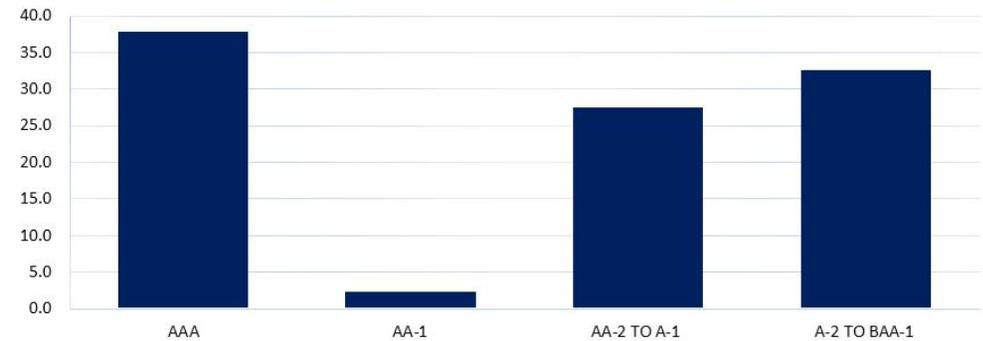
**Coupon Distribution**



**Expected Maturity Distribution**



**Rating Distribution**



# OFFICE OF THE ARIZONA STATE TREASURER

September 30, 2017

POOL 4 ST AGCY GOV.



## Net Yield

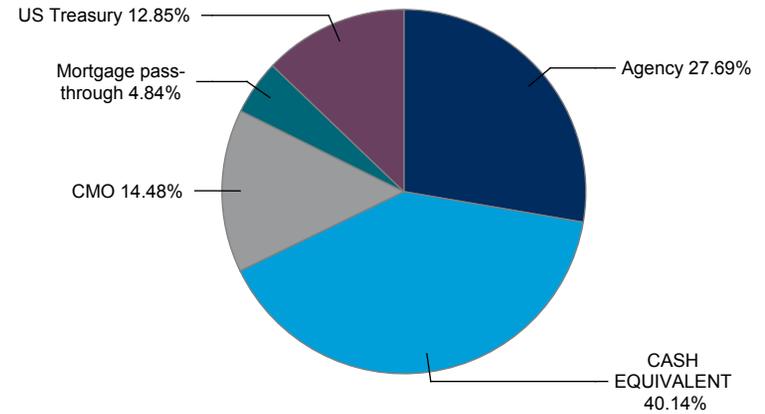


**Current Mth**      **Prior Mth**      **1 Year Ago**

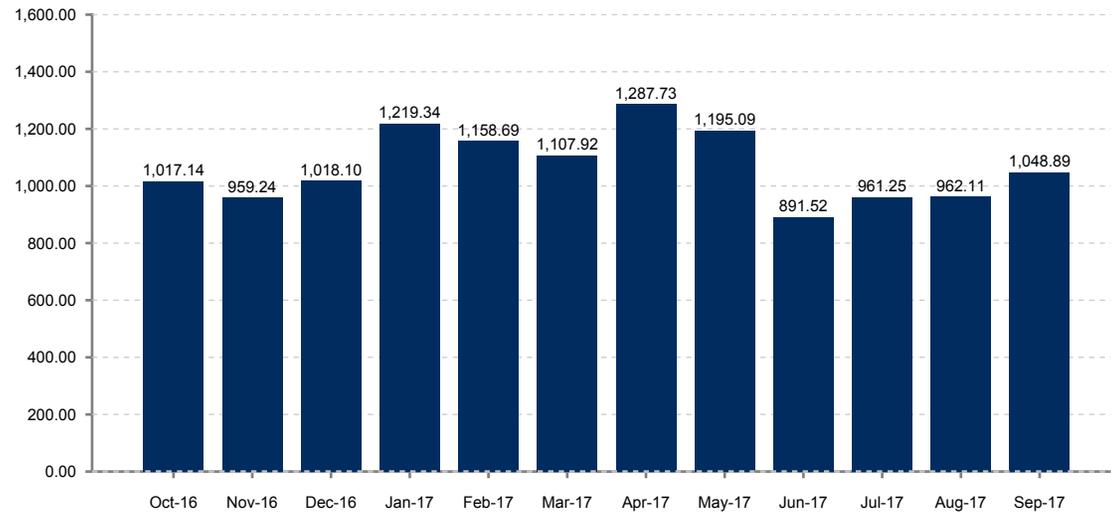
POOL 4 ST AGCY GOV.	1.21	1.29	0.81
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## Asset Allocation

	Ending Market Value
POOL 4 ST AGCY GOV.	1,048,893,016



## Net Asset Values over Time (\$MM)

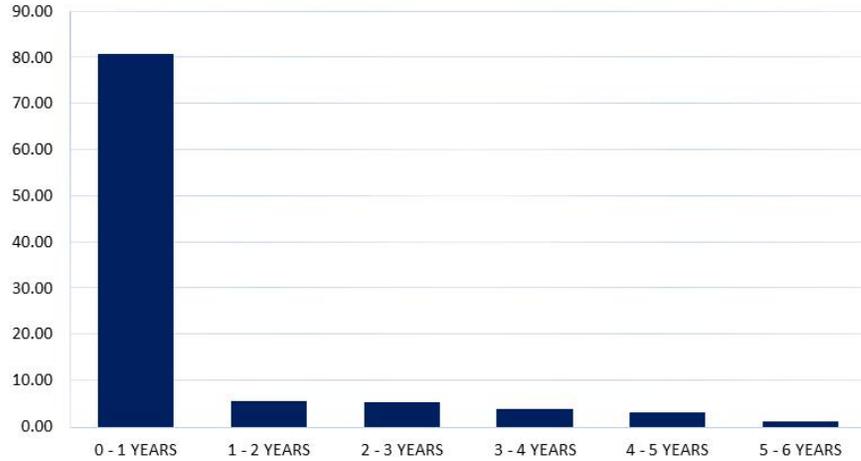


## Top 10 Holdings

Security Name	Ending Market Value	% of Portfolio
POOL 4 ST AGCY GOV.		
AMHERST PIERPONT	300,019,167	28.60
US TREASURY N/B	30,121,824	2.87
FED HOME LN DISCOUNT NT	29,998,333	2.86
SOUTH STREET REPO	21,568,493	2.06
FARMER MAC	20,191,385	1.93
FEDERAL FARM CREDIT BANK	20,058,188	1.91
FEDERAL FARM CREDIT BANK	20,053,845	1.91
FEDERAL FARM CREDIT BANK	20,036,883	1.91
TREASURY BILL	19,986,799	1.91
FANNIE MAE	19,767,447	1.88



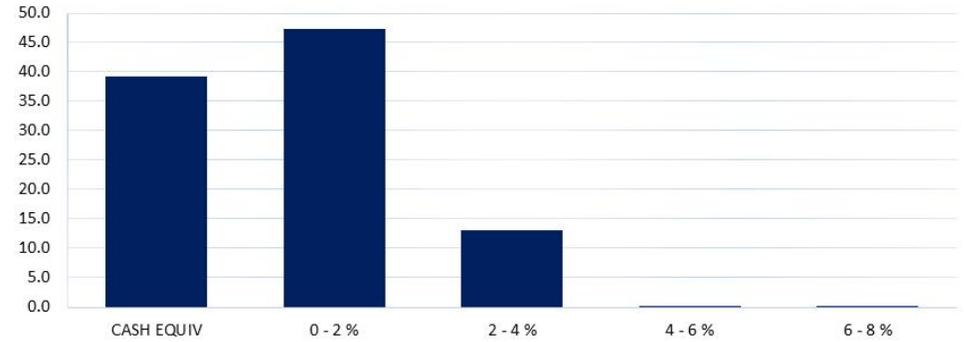
**Duration Distribution**



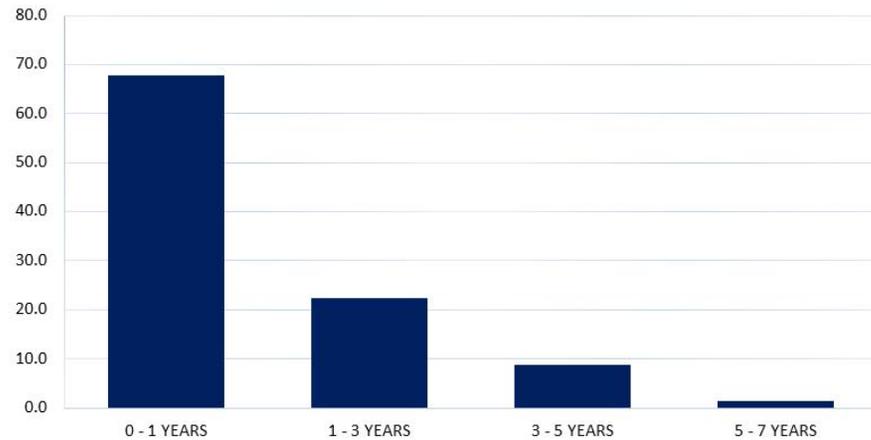
**Portfolio Level Characteristics**

	POOL 4 ST AGCY GOV.
Weighted Average Life	0.95
Coupon	1.27
Effective Duration	0.69
Quality Rating (Moody's)	AAA

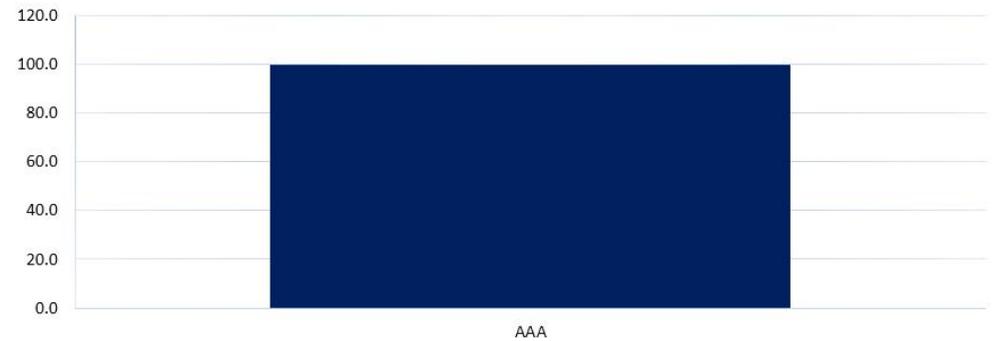
**Coupon Distribution**



**Expected Maturity Distribution**

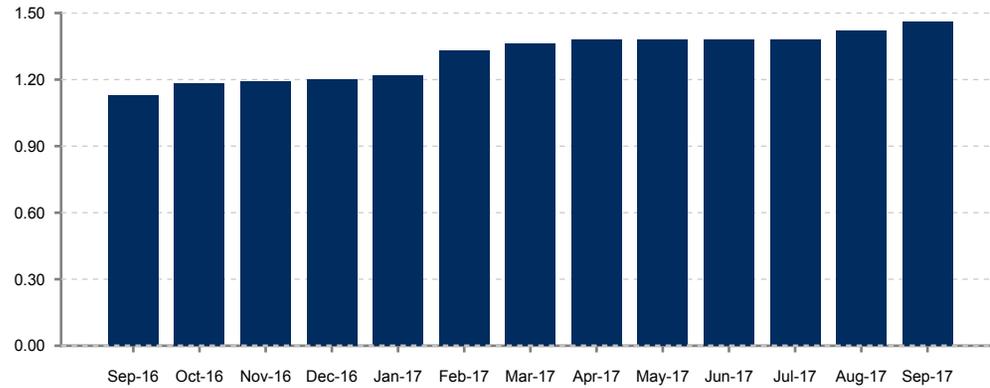


**Rating Distribution**





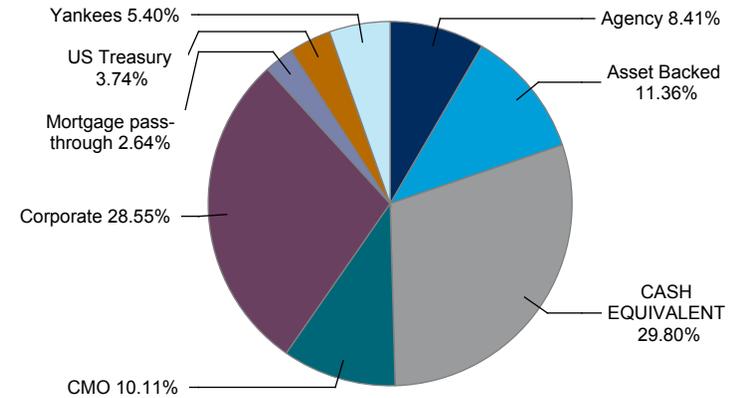
**Net Yield**



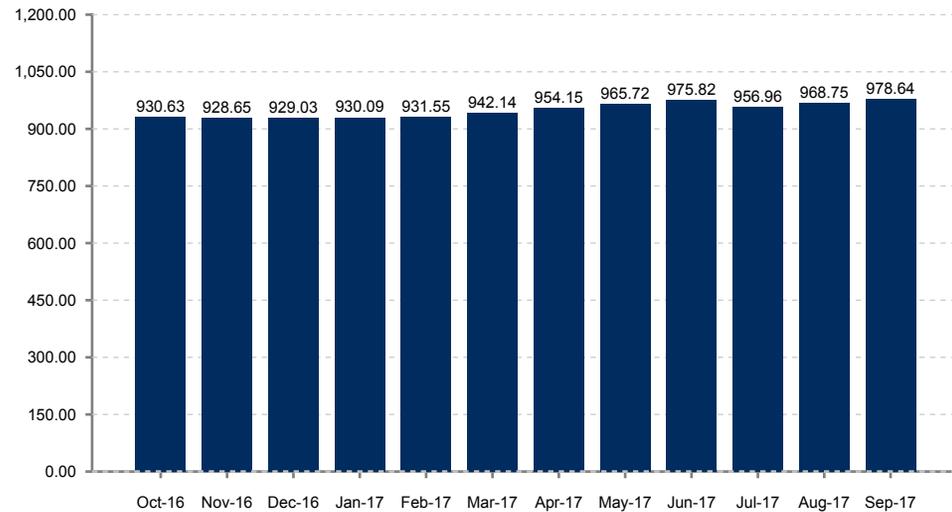
	Current Mth	Prior Mth	1 Year Ago
POOL 10 ST OPER INT	1.46	1.42	1.13

**Asset Allocation**

	Ending Market Value
POOL 10 ST OPER INT	978,638,384



**Net Asset Values over Time (\$MM)**

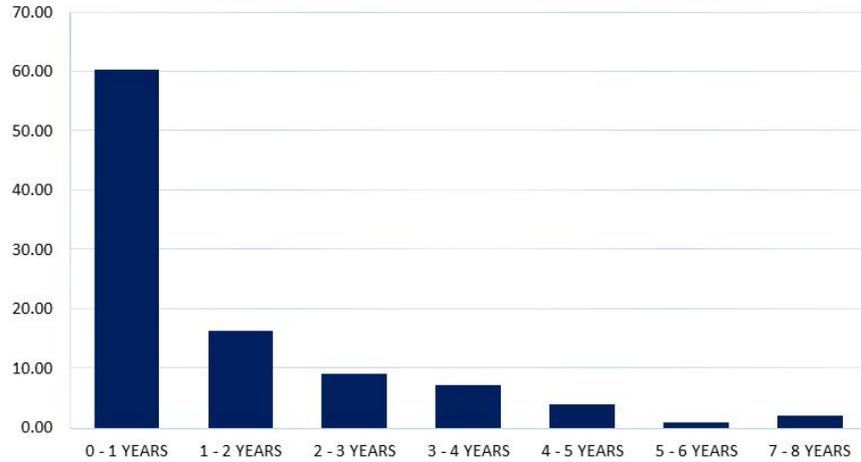


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 10 ST OPER INT		
SOUTH STREET REPO	60,003,667	6.13
NESTLE FIN FRANCE S.	24,999,354	2.55
US TREASURY N/B	20,119,570	2.06
BANK OF NOVA SCOTIA	20,005,310	2.04
GOTHAM FDG CORP	19,998,600	2.04
HALKIN FINANCE LLC USC	19,993,650	2.04
MOUNTCLIFF	19,977,500	2.04
CONCORD MIN CPTL CO	19,970,750	2.04
ATLANTIC ASSET SECUR	19,935,717	2.04
BEDFORD ROW FDG CORP	19,774,488	2.02



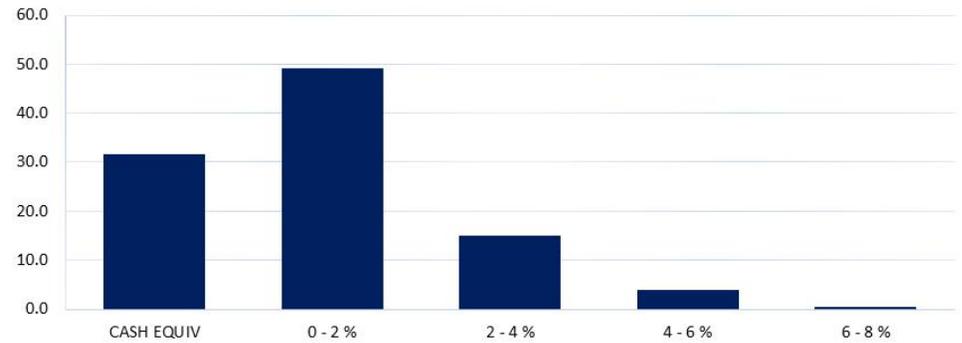
**Duration Distribution**



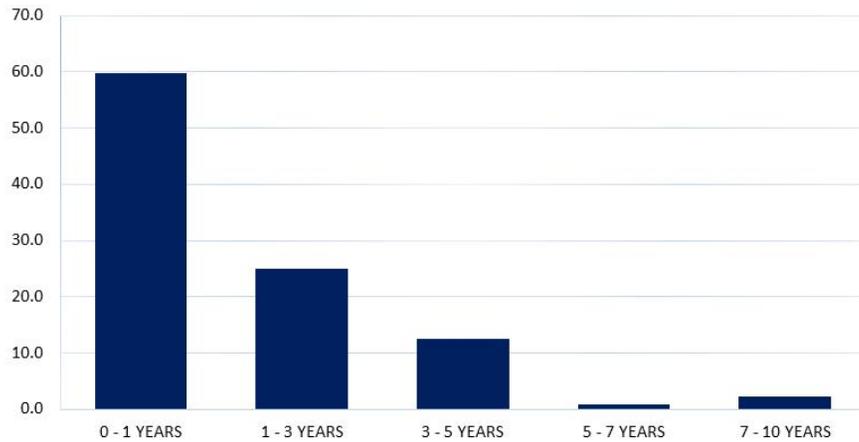
**Portfolio Level Characteristics**

	POOL 10 ST OPERATING INT
Weighted Average Life	1.38
Coupon	1.45
Effective Duration	1.25
Quality Rating (Moody's)	AA-3

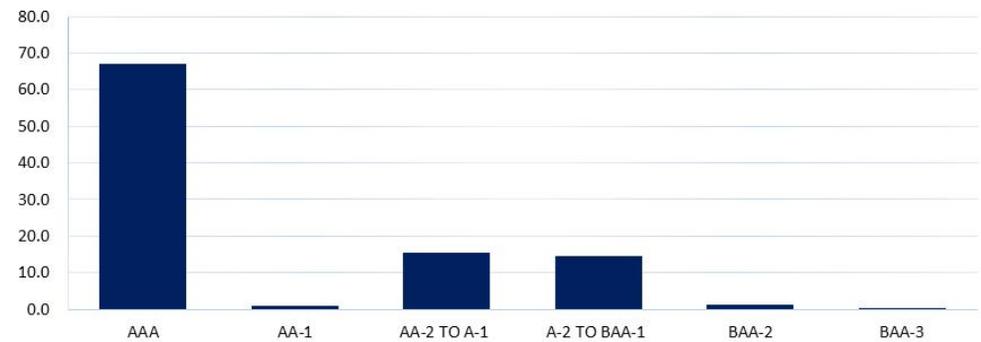
**Coupon Distribution**



**Expected Maturity Distribution**

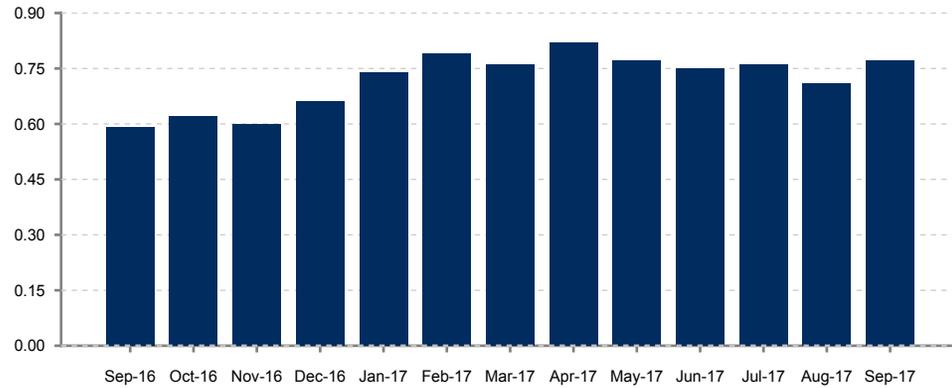


**Rating Distribution**





**Net Yield**

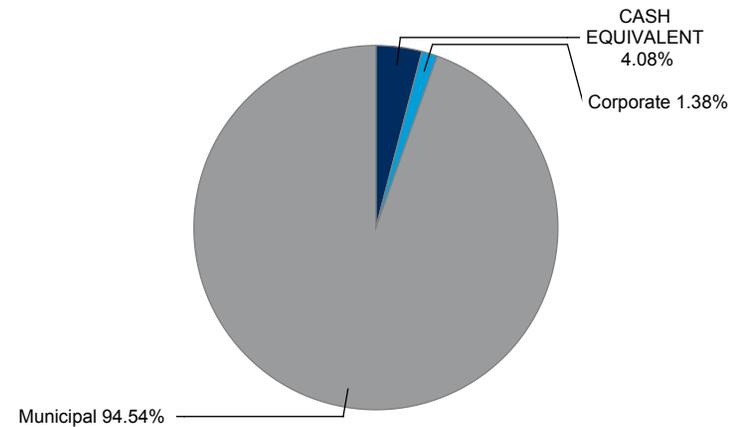


**Current Mth      Prior Mth      1 Year Ago**

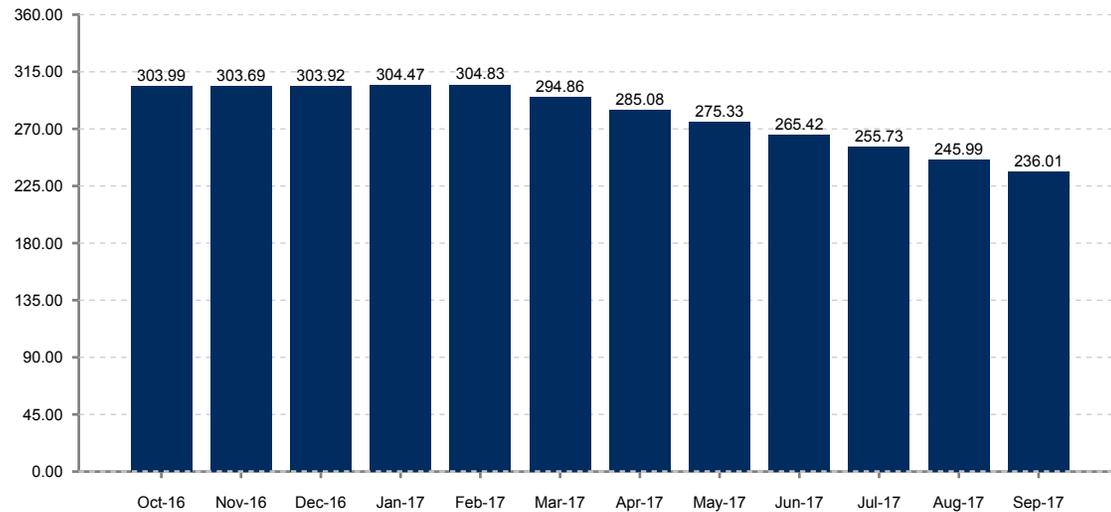
POOL 10 ST OPERATING	0.77	0.71	0.59
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**Asset Allocation**

POOL 10 ST OPERATING	<b>Ending Market Value</b> 236,009,530
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**Net Asset Values over Time (\$MM)**

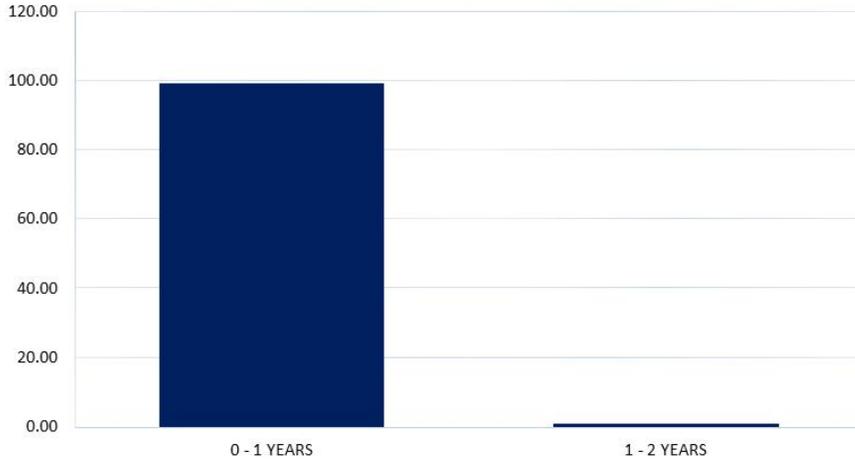


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 10 ST OPERATING		
LOUISVILLE JEFFERSON	14,361,694	6.09
BALTIMORE CNTY MD	12,131,197	5.14
DISTRICT OF COLUMBIA R	11,007,980	4.66
PENNSYLVANIA ST INDL D	10,472,500	4.44
VIRGINIA BEACH VA	10,217,980	4.33
MADISON WI	10,180,450	4.31
DREYFUS TAX EXEMPT CA	10,048,576	4.26
CLARK CNTY NV ARPT RE	10,020,742	4.25
LOUDOUN CNTY VA INDL	10,006,825	4.24
NORTH BROWARD FL HOS	10,006,792	4.24



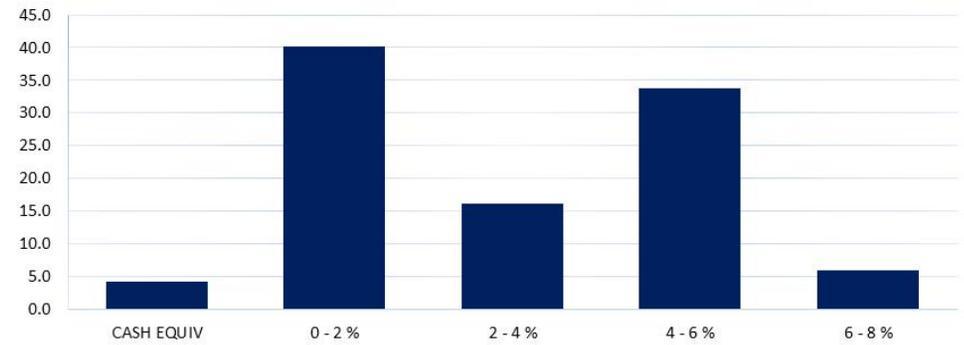
**Duration Distribution**



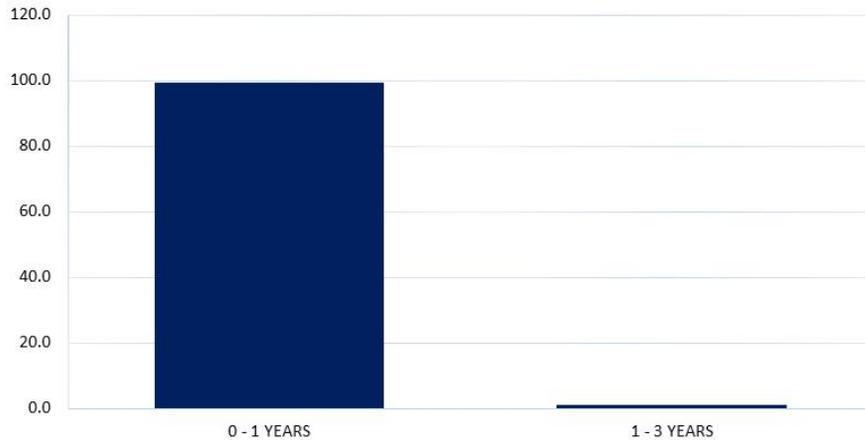
**Portfolio Level Characteristics**

	POOL 10 ST OPERATING
Weighted Average Life	0.25
Coupon	3.23
Effective Duration	0.25
Quality Rating (Moody's)	AA-1

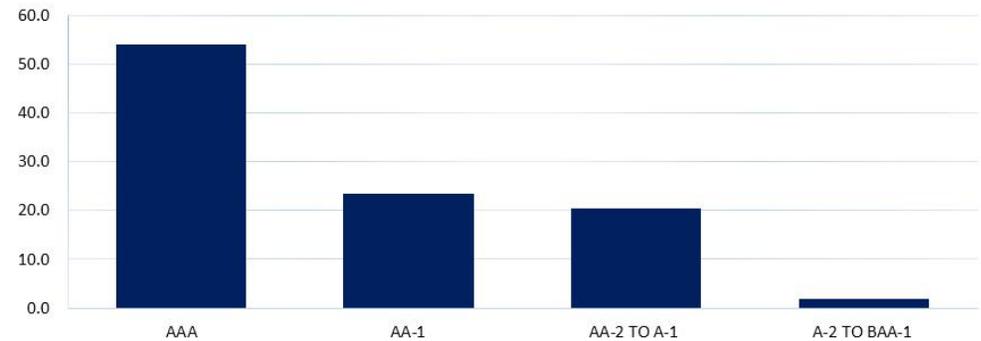
**Coupon Distribution**



**Expected Maturity Distribution**

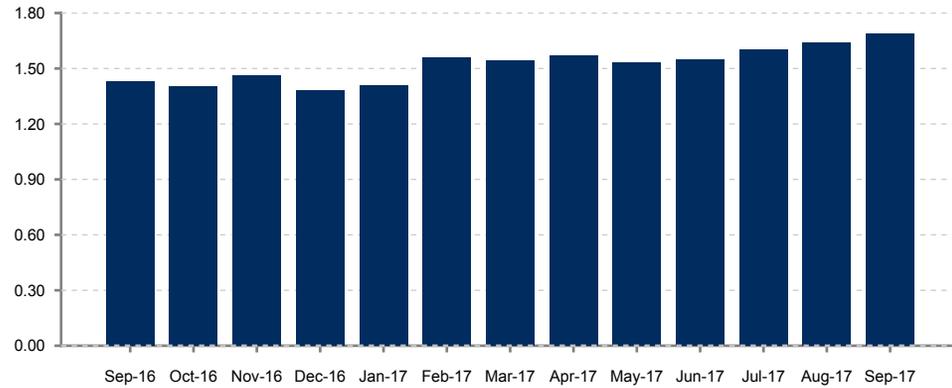


**Rating Distribution**





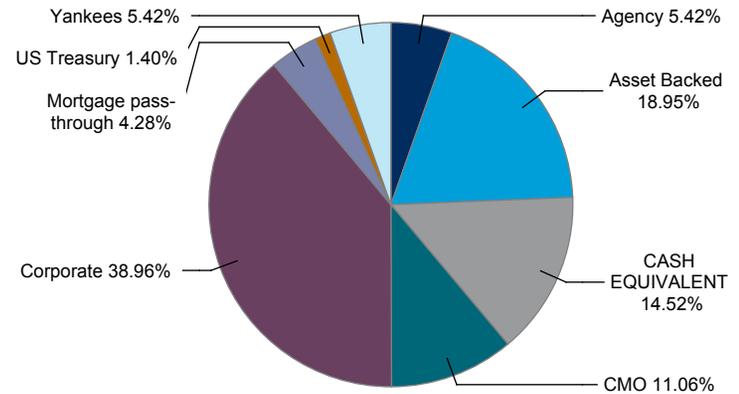
**Net Yield**



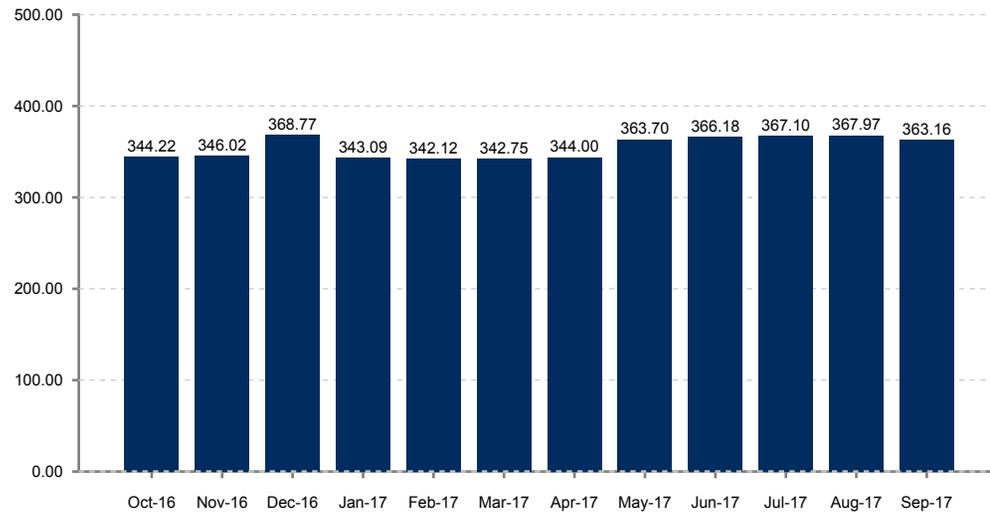
	Current Mth	Prior Mth	1 Year Ago
POOL 12 CAWCD MED TRM	1.69	1.64	1.43

**Asset Allocation**

	Ending Market Value
POOL 12 CAWCD MED TRM	363,161,602



**Net Asset Values over Time (\$MM)**

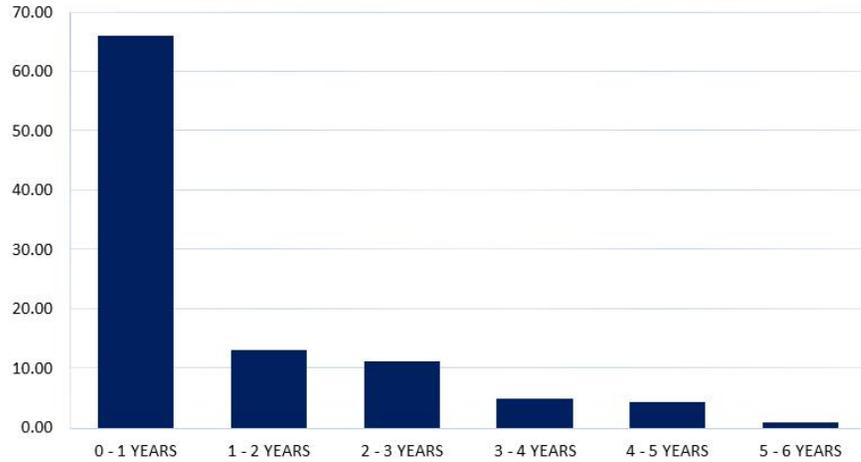


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 12 CAWCD MED TRM		
SOUTH STREET REPO	17,068,758	4.70
GM FINANCIAL AUTOMOBILE LEASIN	10,009,940	2.76
FORD CREDIT AUTO OWNER TRUST	7,444,695	2.05
CNH EQUIPMENT TRUST	6,179,694	1.70
HONDA AUTO RECEIVABLES OWNER T	5,870,682	1.62
FANNIE MAE	5,390,570	1.48
FREDDIE MAC	5,219,098	1.44
GOLDMAN SACHS GROUP INC	5,051,132	1.39
ROYAL BANK OF CANADA	5,041,534	1.39
AMGEN INC	5,038,017	1.39



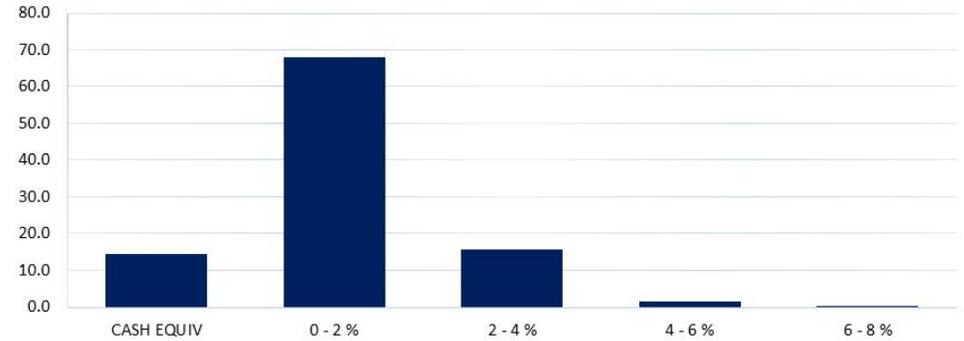
**Duration Distribution**



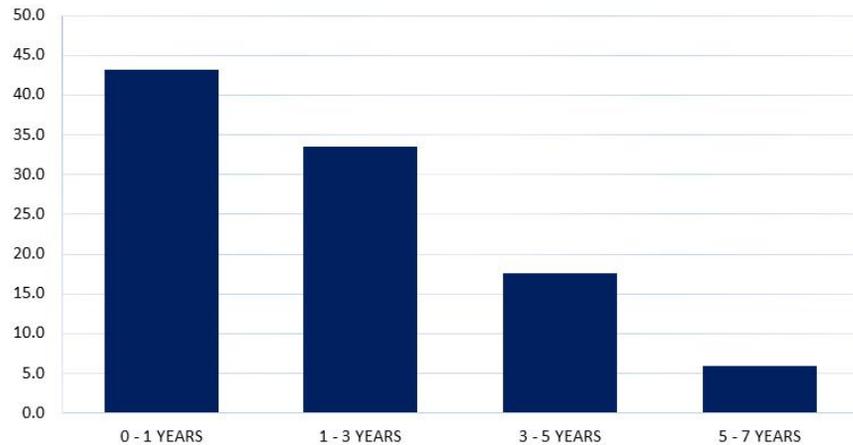
**Portfolio Level Characteristics**

	POOL 12 CAWCD MED TRM
Weighted Average Life	1.93
Coupon	1.52
Effective Duration	1.04
Quality Rating (Moody's)	AA-3

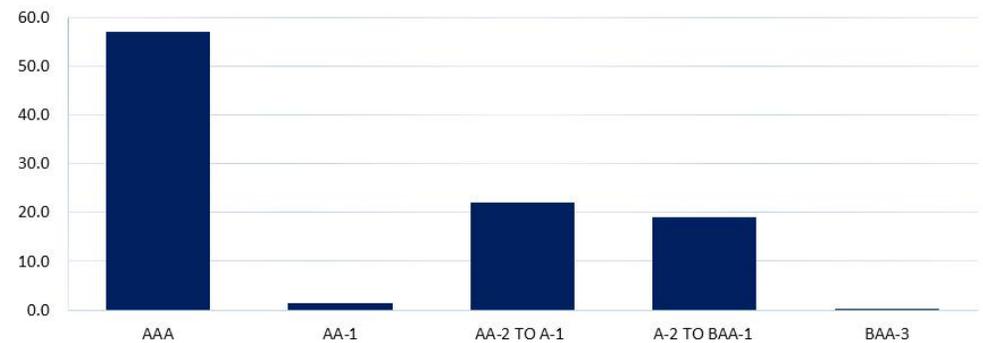
**Coupon Distribution**



**Expected Maturity Distribution**



**Rating Distribution**





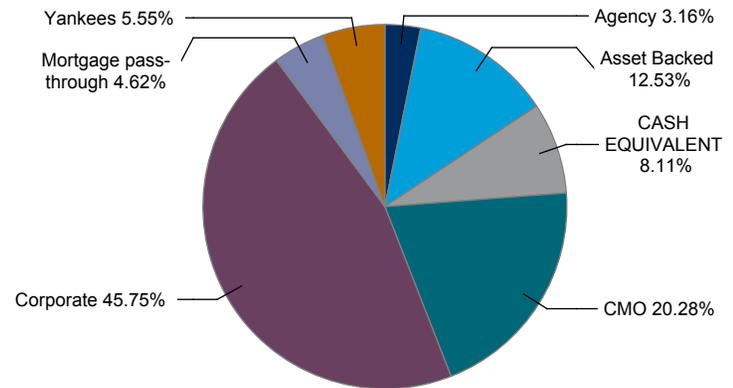
**Net Yield**



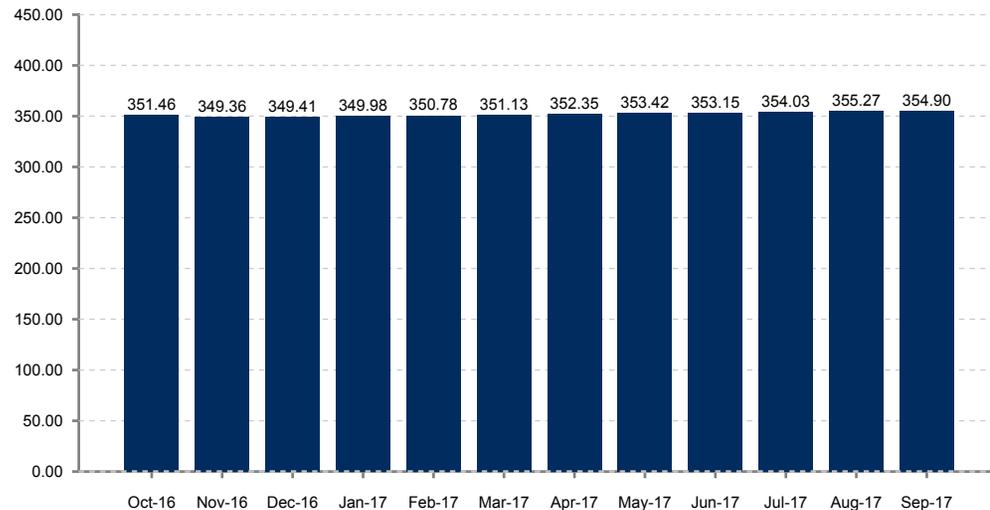
	Current Mth	Prior Mth	1 Year Ago
POOL 16 ECDHB	1.89	1.82	1.64

**Asset Allocation**

	Ending Market Value
POOL 16 ECDHB	354,898,687



**Net Asset Values over Time (\$MM)**

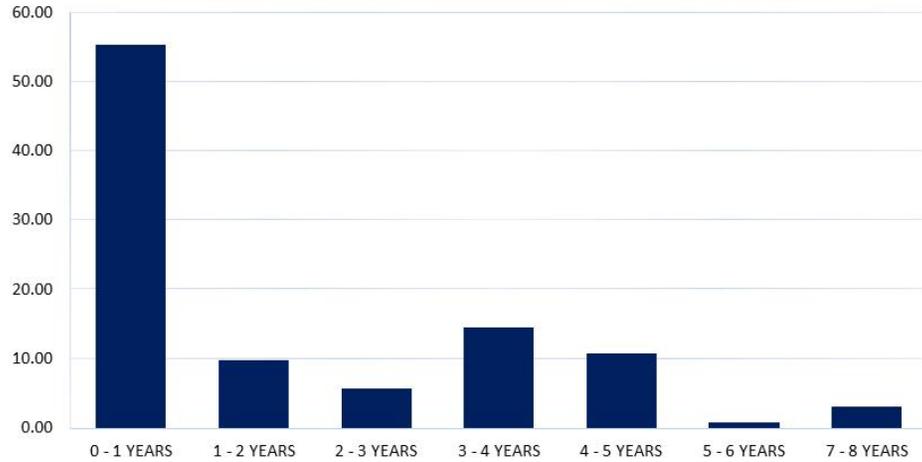


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 16 ECDHB		
SOUTH STREET REPO	8,454,677	2.38
FANNIE MAE	6,349,524	1.79
FREDDIEMAC STRIP	6,125,444	1.73
CNH EQUIPMENT TRUST	5,296,881	1.49
FHLMC MULTIFAMILY STRUCTURED P	5,157,210	1.45
FANNIE MAE	5,094,155	1.44
GOVERNMENT NATIONAL MORTGAGE A	5,092,411	1.43
ROYAL BANK OF CANADA	5,041,534	1.42
BRANCH BANKING + TRUST	5,035,701	1.42
WELLS FARGO + COMPANY	5,034,600	1.42



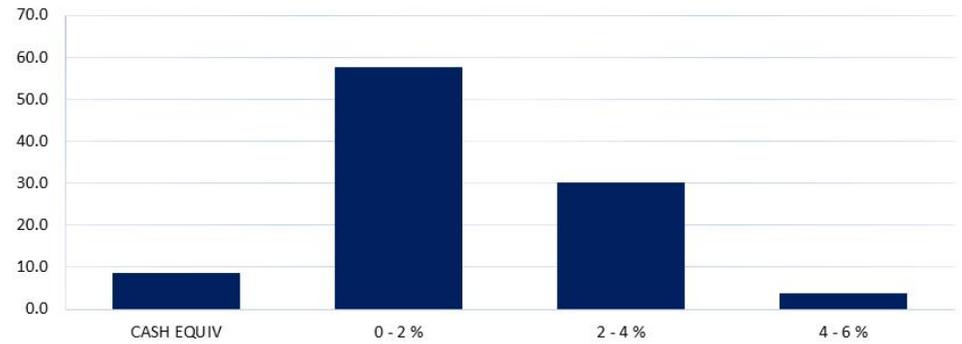
**Duration Distribution**



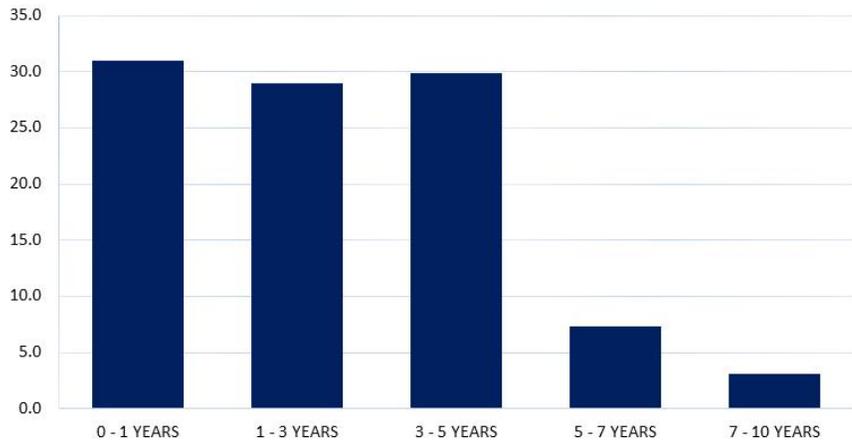
**Portfolio Level Characteristics**

	POOL 16 ECDHB
Weighted Average Life	2.66
Coupon	1.87
Effective Duration	1.70
Quality Rating (Moody's)	AA-3

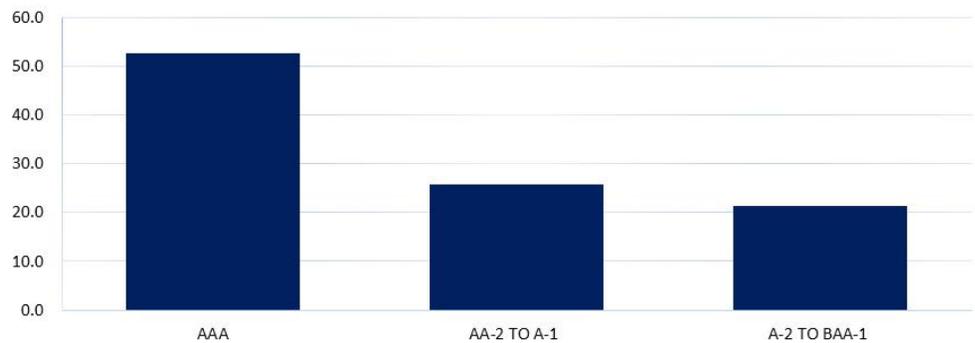
**Coupon Distribution**



**Expected Maturity Distribution**



**Rating Distribution**



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**LGIP & LGIP- GOV  
 PORTFOLIO YIELD ANALYSIS  
 SEPTEMBER 2017**

**NET EARNINGS**

<b>FUND</b>	<b>DESCRIPTION</b>	<b>Current Month 09/30/17</b>	<b>Prior Month 08/31/17</b>	<b>Prior Year 09/30/16</b>	<b>Net Asset Value Per Share</b>
5	LGIP	958,526	1,041,000	416,711	1.0000
7	LGIP - GOV	907,552	964,614	311,664	1.0000
	<b>TOTAL LGIP &amp; LGIP-GOV</b>	<b>1,866,078</b>	<b>2,005,614</b>	<b>728,375</b>	

**YIELDS**

<b><u>MONTHLY</u></b>		<b>Current Month 09/30/17</b>	<b>Prior Month 08/31/17</b>	<b>Prior Year 9/30/16</b>
5	LGIP (NET)	1.07%	1.10%	0.47%
	S & P LGIP INDEX	1.03%	1.00%	0.44%
7	LGIP - GOV (NET)	0.96%	0.89%	0.38%
	3 MONTH T-BILL	1.03%	1.03%	0.28%
<b><u>YEAR TO DATE</u></b>				
5	LGIP (NET)	1.06%	1.05%	0.45%
	S & P LGIP INDEX	0.99%	0.98%	0.42%
7	LGIP - GOV (NET)	0.92%	0.89%	0.38%
	3 MONTH T-BILL	1.04%	1.04%	0.28%

\* Note: 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  
 SEPTEMBER 2017**

**NET EARNINGS**

<b>FUND</b>	<b>DESCRIPTION</b>	<b>Current Month 09/30/17</b>	<b>Prior Month 08/31/17</b>	<b>Prior Year 09/30/16</b>	<b>Net Asset Value Per Share</b>
500	LGIP - MED TERM POOL	466,151	472,514	286,568	1.0309
700	LGIP - FF&C MED TERM POOL	238,275	159,013	141,511	1.0069
	<b>TOTAL LGIP MEDIUM TERM POOLS</b>	<b>704,426</b>	<b>631,527</b>	<b>428,079</b>	

**YIELDS**

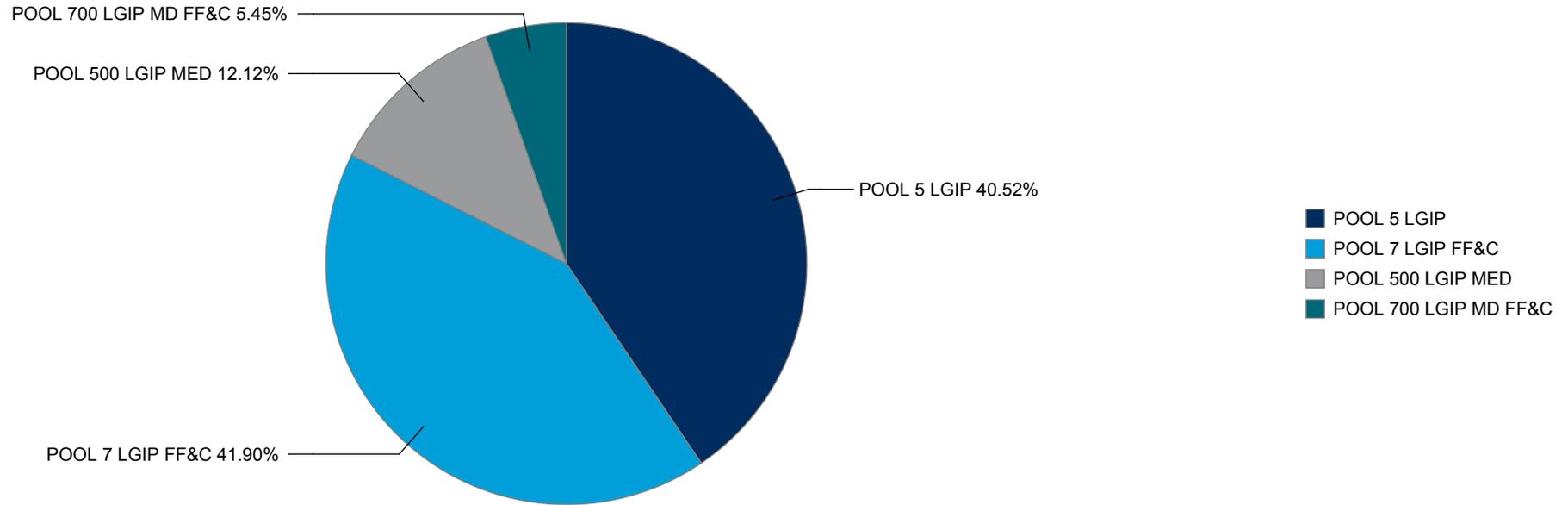
**MONTHLY**

	<b>Current Month 09/30/17</b>	<b>Prior Month 08/31/17</b>	<b>Prior Year 9/30/16</b>
500 LGIP - MED TERM (NET)	1.75%	1.65%	1.33%
75% MERRILL 1-5 US D M INDEX / 25% S & P LGIP INDEX	1.70%	1.58%	1.16%
700 LGIP - FF&C MED TERM (NET)	1.99%	1.31%	1.18%
75% MERRILL 1-5 US TREAS INDEX / 15% MERRILL US GNMA 15 YR INDEX / 10% MERRILL US 3 MO T-BILL INDEX	1.64%	1.49%	0.93%

**YEAR TO DATE**

500 LGIP - MED TERM (NET)	1.68%	1.64%	1.32%
75% MERRILL 1-5 US D M INDEX / 25% S & P LGIP INDEX	1.62%	1.59%	1.13%
700 LGIP - FF&C MED TERM (NET)	1.53%	1.31%	1.11%
75% MERRILL 1-5 US TREAS INDEX / 15% MERRILL US GNMA 15 YR INDEX / 10% MERRILL US 3 MO T-BILL INDEX	1.56%	1.52%	0.91%

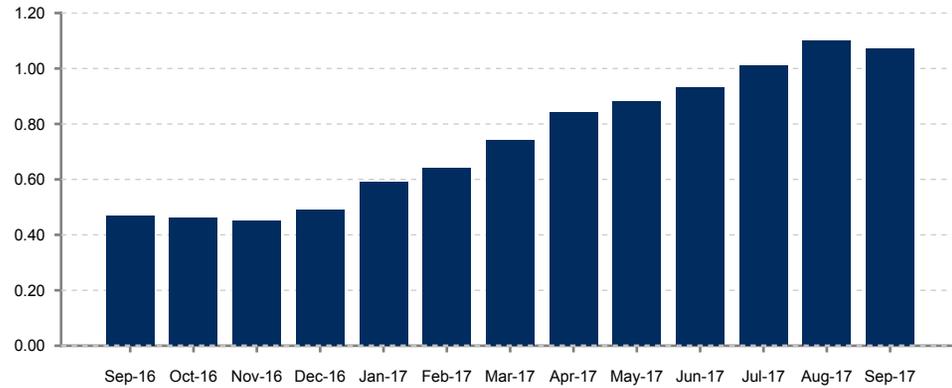
Manager Allocation



	Market Value	% of Portfolio
POOL 5 LGIP	1,085,703,140	40.5
POOL 7 LGIP FF&C	1,122,745,375	41.9
POOL 500 LGIP MED	324,856,557	12.1
POOL 700 LGIP MD FF&C	146,114,525	5.5
TOTAL LGIP	2,679,419,598	100.0



**Net Yield**

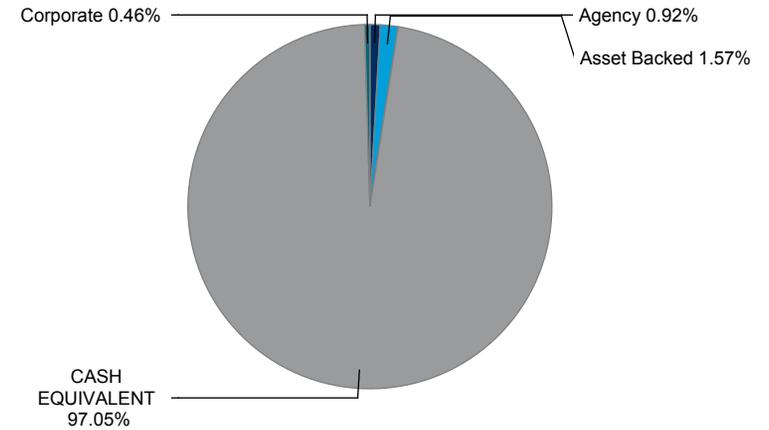


**Current Mth**                      **Prior Mth**                      **1 Year Ago**

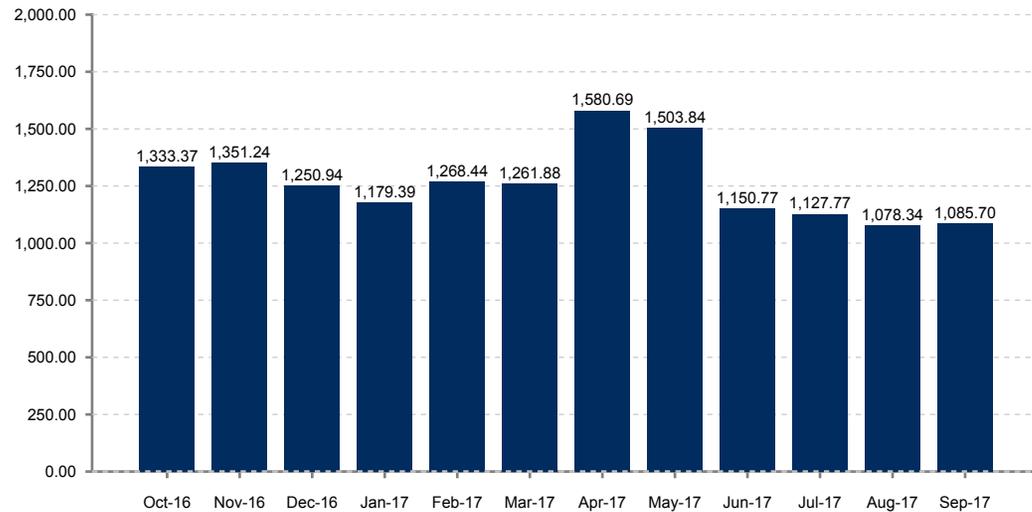
POOL 5 LGIP	1.07	1.10	0.47
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**Asset Allocation**

	Ending Market Value
POOL 5 LGIP	1,085,703,140



**Net Asset Values over Time (\$MM)**

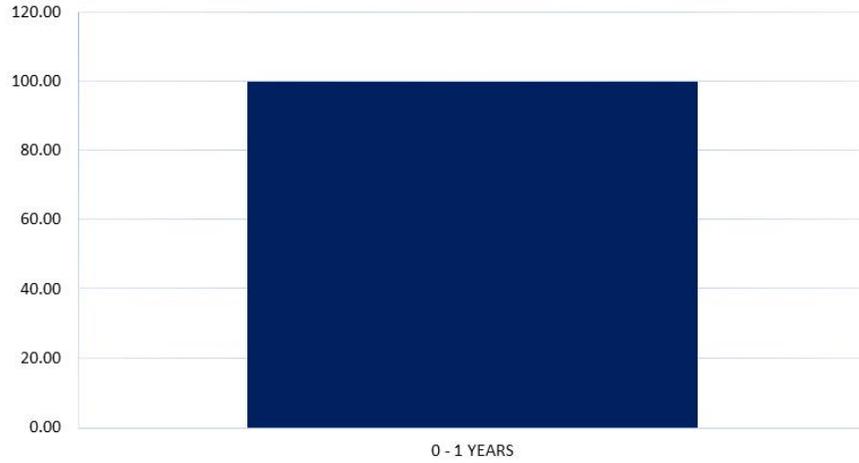


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 5 LGIP		
BMO TRIPARTY MTGE CLAS/ISIT/RTRP MATU//20121224	200,011,556	18.42
WELLS FARGO REPO	170,023,847	15.66
BANK OF AMERICA REPO	100,005,556	9.21
FIDELITY INVESTMENTS MONEY	50,588,430	4.66
BANK TOKYO MIT UFJ NY	39,998,656	3.68
UNITED PARCEL SERVIC	29,999,142	2.76
PEPSICO INC	24,998,458	2.30
TOYOTA MOTOR CREDIT	24,997,563	2.30
TREASURY BILL	24,996,556	2.30
EXPORT DEVELMT CORP	24,981,153	2.30



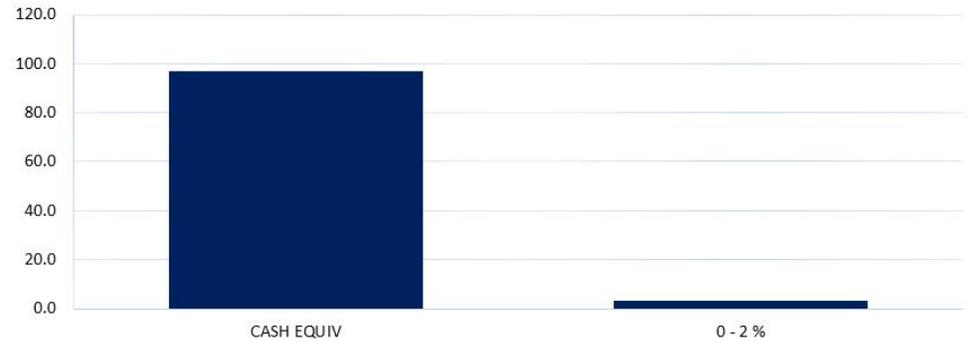
**Duration Distribution**



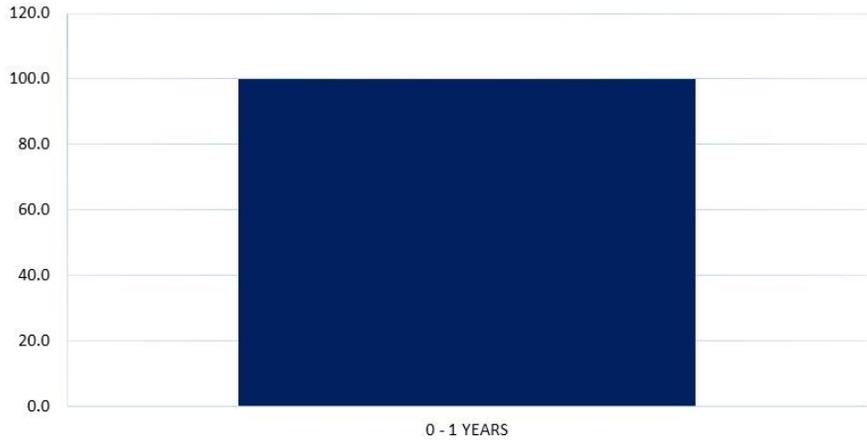
**Portfolio Level Characteristics**

	POOL 5 LGIP
Weighted Average Life	0.07
Coupon	0.07
Effective Duration	0.07
Quality Rating (Moody's)	AA-1

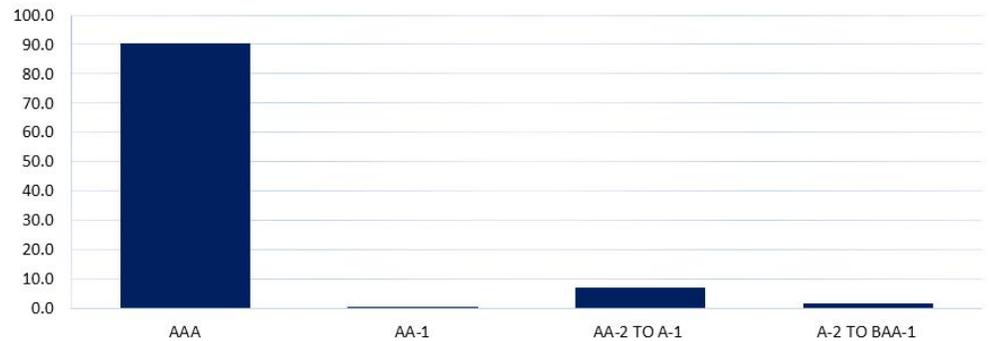
**Coupon Distribution**



**Expected Maturity Distribution**

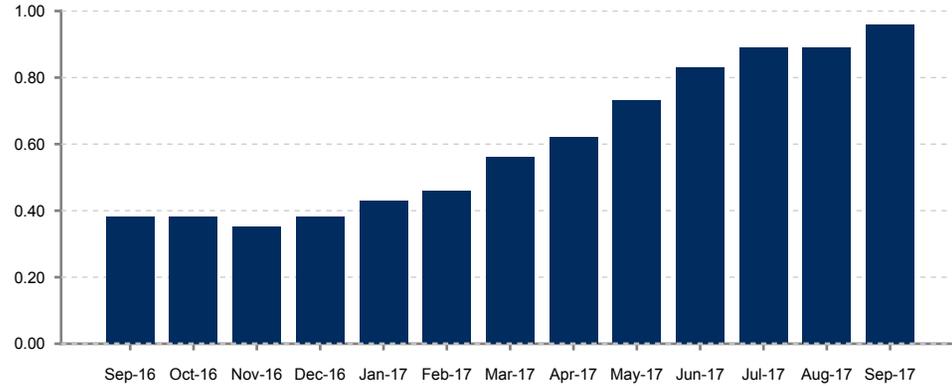


**Rating Distribution**





**Net Yield**



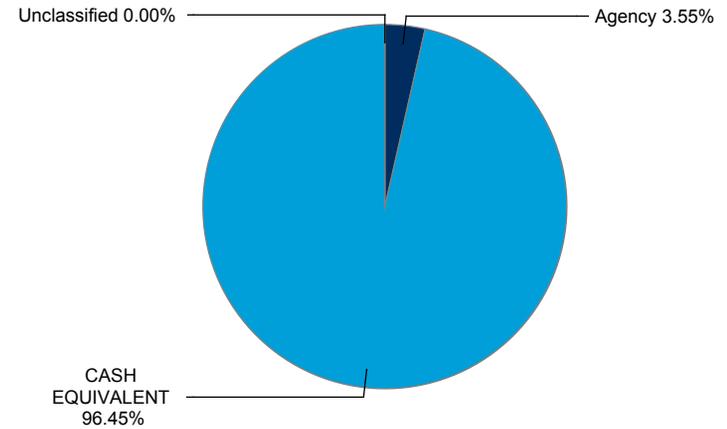
**Current Mth**      **Prior Mth**      **1 Year Ago**

POOL 7 LGIP FF&C	0.96	0.89	0.38
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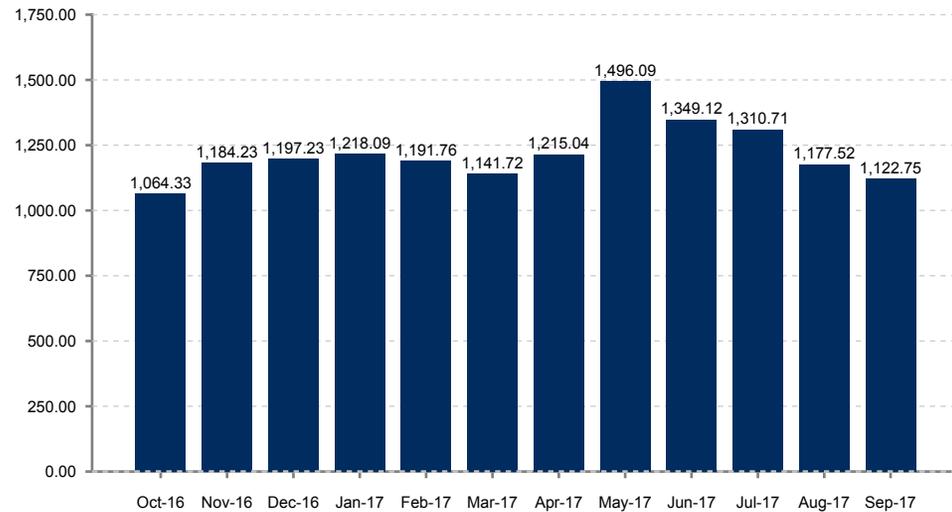
**Asset Allocation**

**Ending Market Value**

POOL 7 LGIP FF&C	1,122,745,375
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**Net Asset Values over Time (\$MM)**

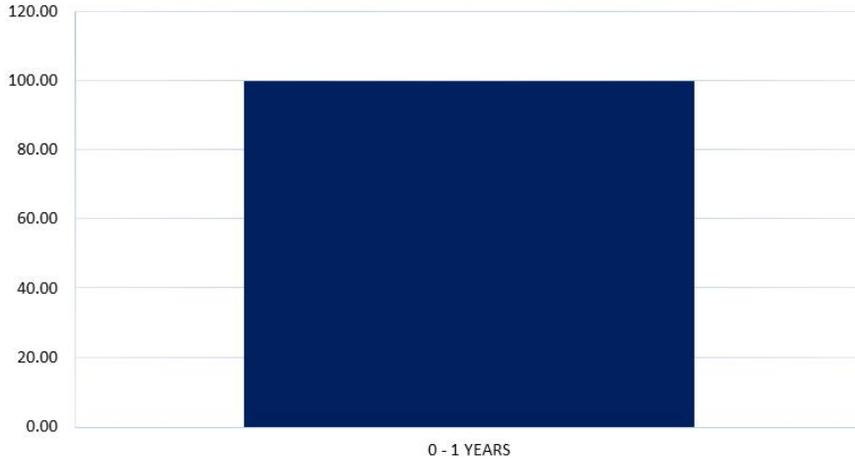


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 7 LGIP FF&C		
TREASURY BILL	189,978,072	16.92
GUGGENHEIM SECURITIES REPO	171,175,070	15.25
TREASURY BILL	139,933,095	12.46
TREASURY BILL	124,911,383	11.13
TREASURY BILL	69,938,916	6.23
TREASURY BILL	69,923,286	6.23
TREASURY BILL	59,850,728	5.33
WELLS FARGO REPO	50,007,014	4.45
TREASURY BILL	44,920,833	4.00
TREASURY BILL	39,989,177	3.56



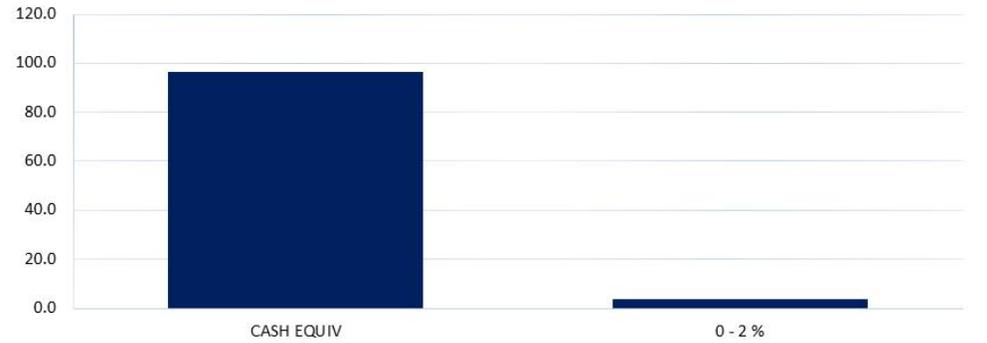
**Duration Distribution**



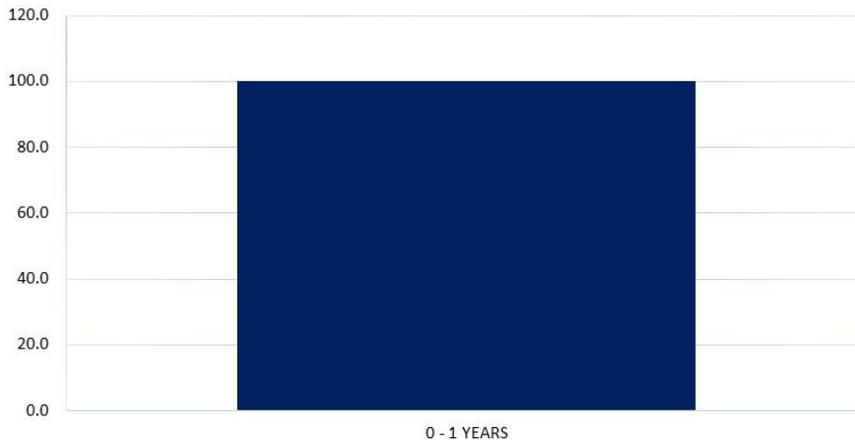
**Portfolio Level Characteristics**

	POOL 7 LGIP FF&C
Weighted Average Life	0.06
Coupon	0.01
Effective Duration	0.06
Quality Rating (Moody's)	AAA

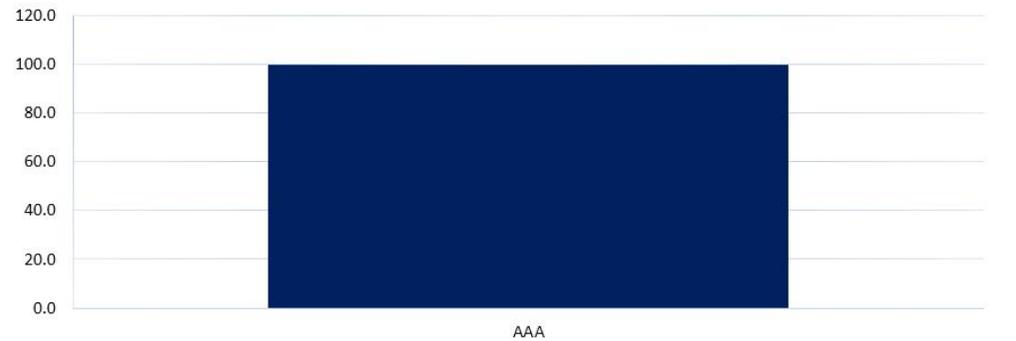
**Coupon Distribution**



**Expected Maturity Distribution**

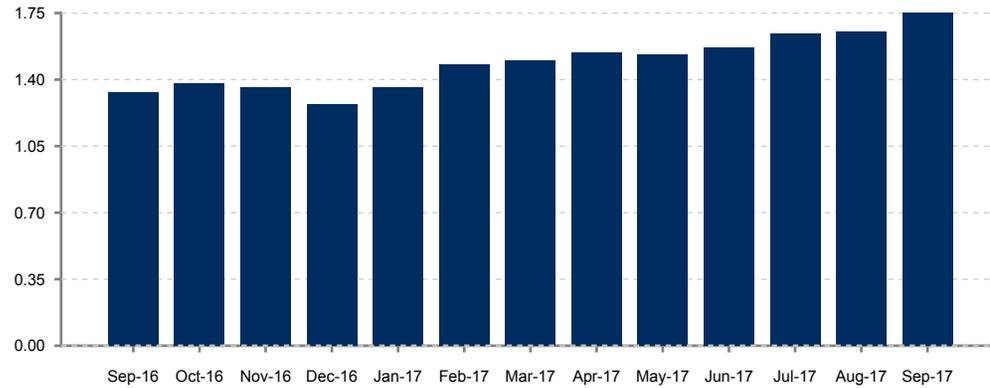


**Rating Distribution**





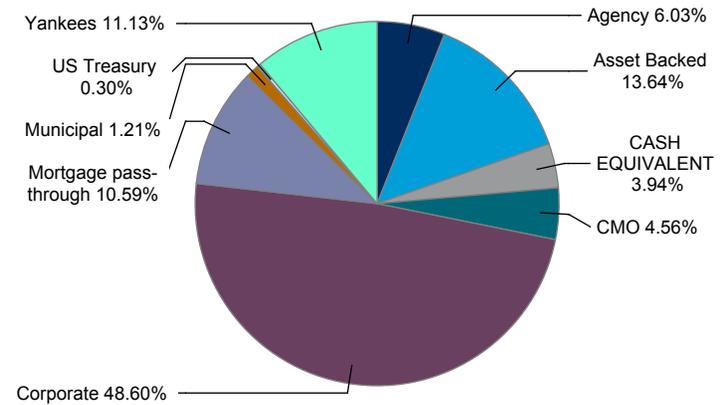
**Net Yield**



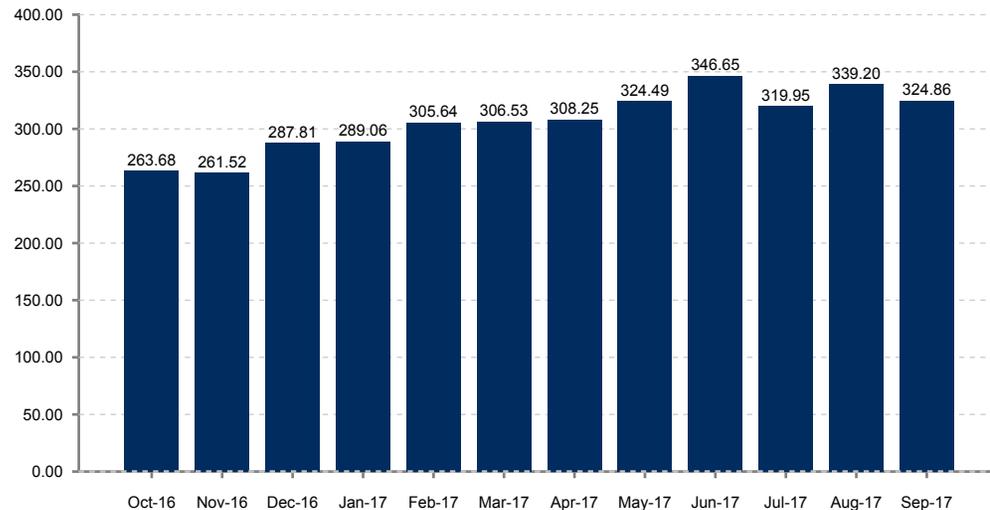
	Current Mth	Prior Mth	1 Year Ago
POOL 500 LGIP MED	1.75	1.65	1.33

**Asset Allocation**

	Ending Market Value
POOL 500 LGIP MED	324,856,557



**Net Asset Values over Time (\$MM)**

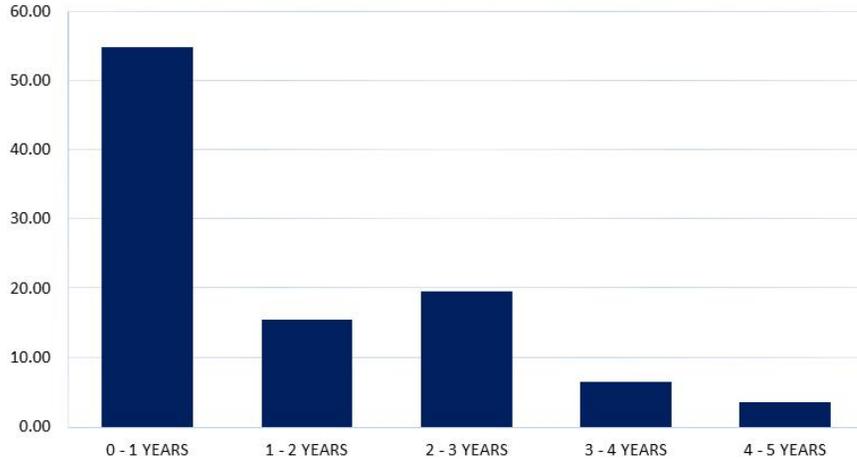


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 500 LGIP MED		
MICROSOFT CORP	8,056,491	2.48
GOLDMAN SACHS GROUP INC	7,910,702	2.44
APPLE INC	7,059,580	2.17
FNMA POOL AB5991	6,439,106	1.98
HERSHEY COMPANY	6,022,636	1.85
MERCK + CO INC	5,545,318	1.71
APPLE INC	5,039,122	1.55
USAA CAPITAL CORP	5,018,703	1.54
BANK OF MONTREAL	5,015,284	1.54
CHEVRON CORP	5,004,918	1.54



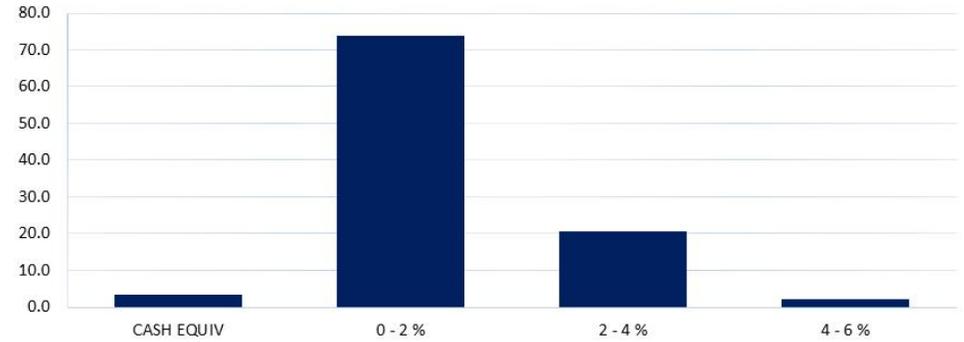
**Duration Distribution**



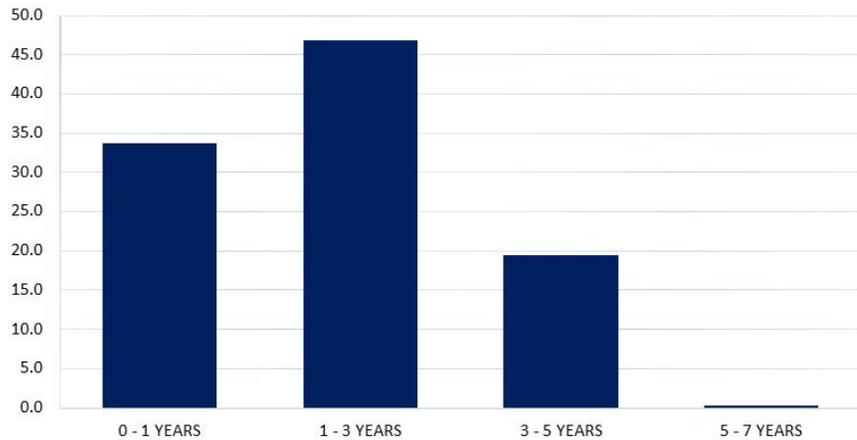
**Portfolio Level Characteristics**

	POOL 500 LGIP MED
Weighted Average Life	1.94
Coupon	1.64
Effective Duration	1.29
Quality Rating (Moody's)	AA-3

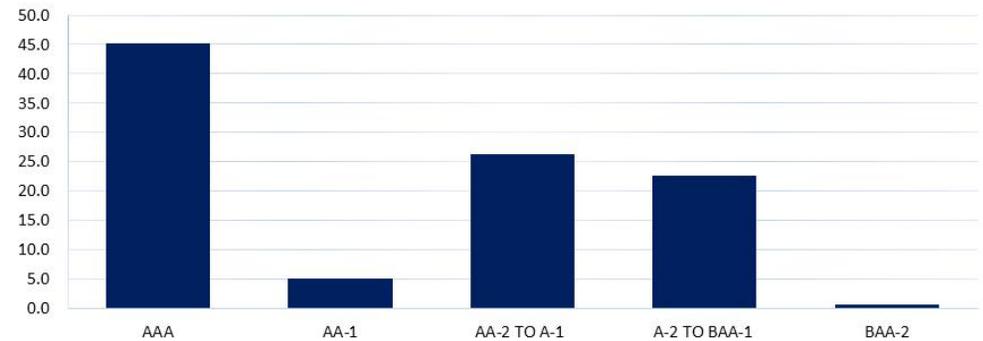
**Coupon Distribution**



**Expected Maturity Distribution**



**Rating Distribution**





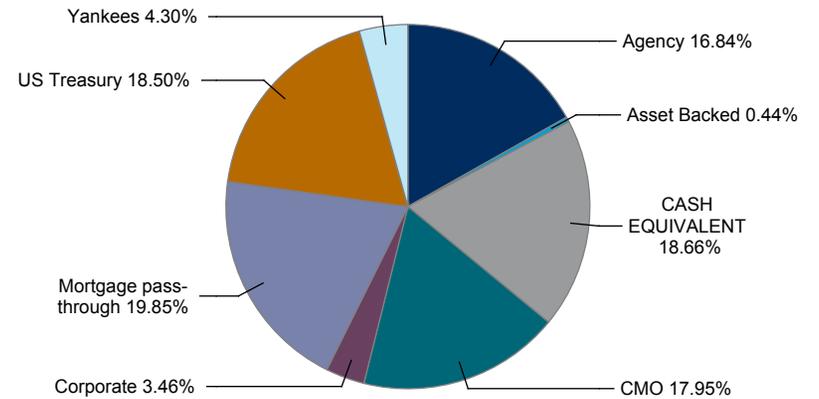
**Net Yield**



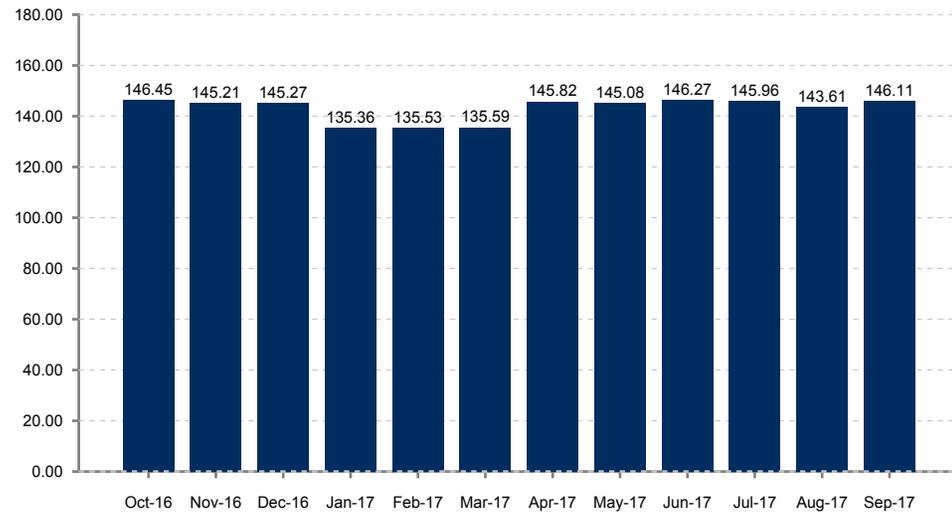
	Current Mth	Prior Mth	1 Year Ago
POOL 700 LGIP MD FF&C	1.99	1.31	1.18

**Asset Allocation**

	Ending Market Value
POOL 700 LGIP MD FF&C	146,114,525



**Net Asset Values over Time (\$MM)**

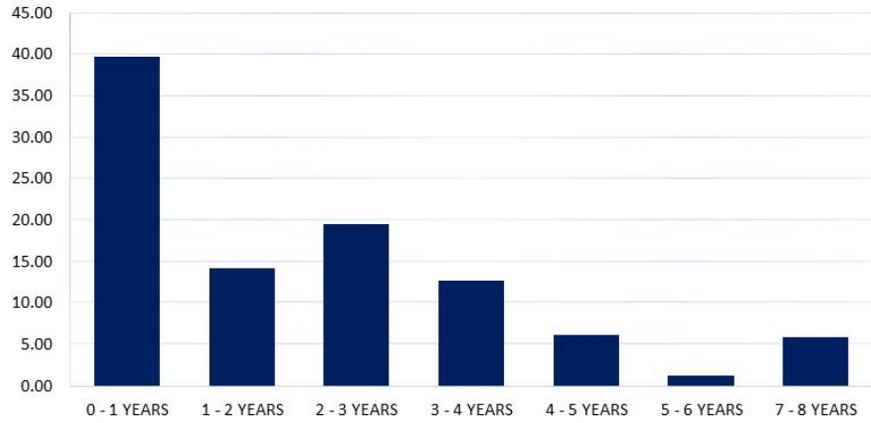


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 700 LGIP MD FF&C		
GUGGENHEIM SECURITIES REPO	15,031,799	10.29
PRIVATE EXP. FUNDING	9,961,718	6.82
US TREASURY N/B	5,015,842	3.43
US TREASURY N/B	5,012,801	3.43
US TREASURY N/B	5,004,857	3.43
GOVERNMENT NATIONAL MORTGAGE A	4,969,472	3.40
OVERSEAS PRIVATE INV COR	4,546,350	3.11
GNMA II POOL MA0213	4,142,610	2.84
OVERSEAS PRIVATE INV COR	4,001,968	2.74
GOVERNMENT NATIONAL MORTGAGE A	3,704,923	2.54



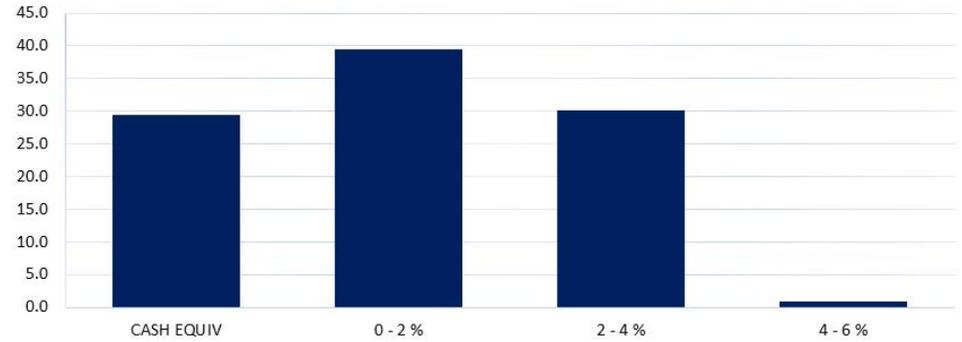
**Duration Distribution**



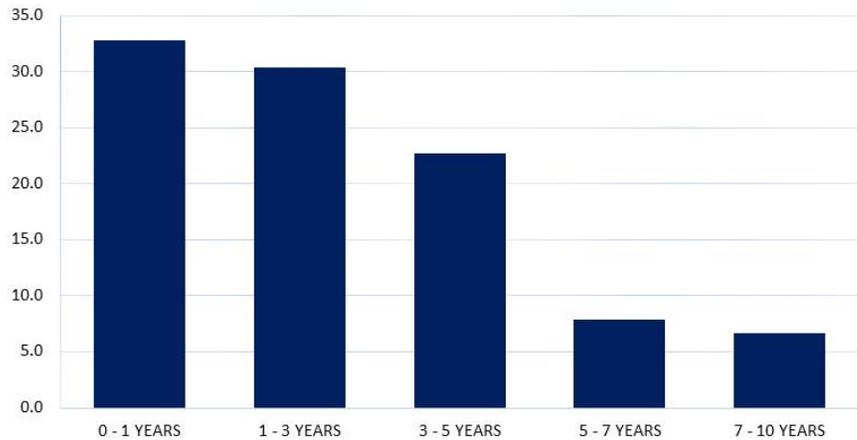
**Portfolio Level Characteristics**

	POOL 700 LGIP MD FF&C
Weighted Average Life	2.34
Coupon	1.70
Effective Duration	1.98
Quality Rating (Moody's)	AAA

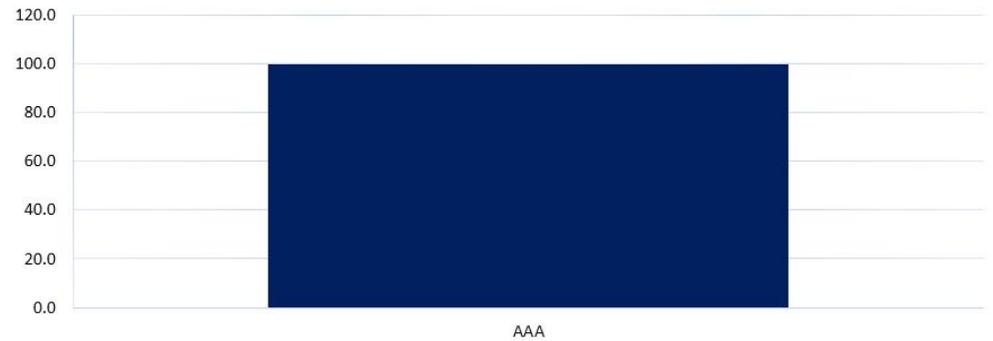
**Coupon Distribution**



**Expected Maturity Distribution**



**Rating Distribution**



**EARNINGS DISTRIBUTED  
 ENDOWMENT FUNDS  
 SEPTEMBER 2017**

**Distributed in Current Month**

<b>Recipient</b>	<b>SEPTEMBER 2017</b>	<b>Fiscal YTD 17/18</b>	<b>Fiscal YTD 16/17</b>
101 A & M Colleges	\$66,488	\$199,463	\$188,085
102 State Hospital	42,992	128,976	119,076
103 Leg., Exec., & Jud.	54,897	164,691	154,239
104 Military Institute	3,642	10,926	10,368
105 Miners Hospital	143,641	430,922	380,895
107 Normal School ASU/NAU	26,115	78,344	71,565
108 Penitentiaries	95,352	286,055	256,626
109 Permanent Common School	24,660,436	73,981,309	67,389,630
110 School for Deaf & Blind	35,595	106,785	99,427
111 School of Mines	75,273	225,820	212,742
112 State Charitable-Pioneers Home	370,145	1,110,434	1,039,419
112 State Charitable-Corrections	185,072	555,217	519,709
112 State Charitable-Youth Treatment	185,072	555,217	519,709
113 University Fund	132,996	398,989	368,882
114 U of A Land - 1881	433,184	1,299,551	1,153,426
<b>Total</b>	<b>\$26,510,900</b>	<b>\$79,532,699</b>	<b>\$72,483,799</b>

## Land Sales Monthly Proceeds Endowment Funds

Month	Year						
	2012	2013	2014	2015	2016	2017	2018
January	21,196,075	85,209,777	29,493,046	7,126,212	5,108,687	2,960,815	
February	92,150,173	24,412,865	33,969,801	2,535,244	1,083,178	1,103,303	
March	1,015,640	13,469,847	1,323,549	1,096,232	1,106,860	3,045,043	
April	1,796,774	4,599,024	2,252,527	1,968,281	28,981,969	78,134,289	
May	926,085	12,685,871	1,100,261	19,123,417	20,147,116	27,642,672	
June	22,369,423	6,493,351	4,564,719	33,179,898	31,844,678	2,451,110	
July	823,328	5,694,705	4,196,738	6,092,396	2,469,997	13,838,188	
August	33,621,311	2,304,138	24,838,430	1,038,971	13,094,287	5,746,802	
September	17,307,221	10,399,639	1,960,673	1,967,125	(12,580,728)	19,937,751	
October	1,403,700	1,240,497	3,150,170	2,366,519	10,614,885		
November	5,131,627	8,995,327	34,193,583	1,358,711	28,490,238		
December	28,846,813	3,574,631	1,136,538	4,264,354	6,127,407		
<b>Calendar Year</b>	<b>226,588,170</b>	<b>179,079,672</b>	<b>142,180,034</b>	<b>82,117,360</b>	<b>136,488,573</b>	<b>154,859,973</b>	<b>-</b>
<b>Fiscal Year (July 1st to June 30th)</b>	<b>163,898,058</b>	<b>234,004,734</b>	<b>104,912,840</b>	<b>134,505,415</b>	<b>105,360,563</b>	<b>163,553,318</b>	<b>39,522,741</b>

**NET REALIZED CAPITAL GAINS / LOSSES - ENDOWMENT FUNDS**

<b>Endowment Fund</b>	<b>September 2017 NET GAIN(LOSS)</b>	<b>September 2016 NET GAIN(LOSS)</b>
Fixed Income Pool	(\$423,670)	(\$435,470)
500 Large-Cap Fund	606,059	5,611,917
400 Mid-Cap Fund	6,861,470	11,225,155
600 Small-Cap Fund	4,318,682	5,976,242
<b>Totals</b>	\$11,362,541	\$22,377,844

<b>Endowment Fund</b>	<b>2017/2018 FISCAL YEAR TO DATE GAINS(LOSSES)</b>	<b>2016/2017 FISCAL YEAR TO DATE GAINS(LOSSES)</b>
Fixed Income Pool	(\$1,143,820)	(\$1,255,416)
500 Large-Cap Fund	5,793,224	7,108,870
400 Mid-Cap Fund	19,767,992	12,316,696
600 Small-Cap Fund	6,355,429	10,201,722
<b>Totals</b>	\$30,772,826	\$28,371,871

**ENDOWMENT FUNDS FIXED-INCOME POOLS  
 PURCHASES & SALES  
 SEPTEMBER 2017**

**I. Endowment Funds Purchases**

<u>POOL</u>	<u>SECURITY DESCRIPTION</u>	<u>RATE</u>	<u>MATURITY</u>	<u>*WAL YEARS</u>	<u>PAR VALUE</u>	<u>PURCHASE COST</u>	<u>YIELD</u>	<u>MOODY'S / S&amp;P RATING</u>
205	FEDERAL HOME LOAN	4.50	10/01/2047	6.08	\$5,000,000	\$5,379,688	3.01%	Aaa/AA+
205	GNMA MTG	4.00	09/20/2047	4.98	5,000,000	5,323,438	2.54%	Aaa/AA+
205	US TREASURY	6.25	05/15/2030	NA	7,500,000	10,914,551	2.13%	Aaa/AA+
205	USAA AUTO OWNER	1.28	09/17/2018	NA	6,750,000	6,750,000	1.28%	P-1/A-1+
123	HALKIN FINANCE	1.25	10/23/2017	NA	15,000,000	14,982,813	1.25%	P-1/A-1
123	INSTITUTIONAL SECURED	1.27	09/20/2017	NA	15,000,000	14,992,592	1.27%	P-1/A-1
123	INSTITUTIONAL SECURED	1.38	12/20/2017	NA	17,000,000	16,946,563	1.38%	P-1/A-1
123	VICTORY RECEIVABLES	1.28	11/20/2017	NA	8,433,000	8,417,408	1.28%	P-1/A-1

**TOTAL ENDOWMENT FUNDS PURCHASES**

**\$79,683,000**

**\$83,707,053**

**II. Endowment Funds Sales**

<u>POOL</u>	<u>SECURITY DESCRIPTION</u>	<u>RATE</u>	<u>MATURITY</u>	<u>PAR VALUE</u>	<u>AMORTIZED COST/PROCEEDS</u>	<u>SALES GAINS/(LOSSES)</u>	<u>MOODY'S / S&amp;P RATING</u>
205	US TREASURY	2.38	05/31/2018	\$5,000,000	\$5,041,602	\$4,918	Aaa/AA+
205	US TREASURY	1.50	01/31/2019	5,000,000	5,018,164	21,156	Aaa/AA+

**TOTAL ENDOWMENT FUNDS SALES**

**\$10,000,000**

**\$10,059,766**

**\$26,074**

\* 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.

**EQUITY FUNDS  
 PURCHASES & SALES  
 SEPTEMBER 2017**

**I. Equity Fund Purchases**

	<u>SHARES</u>	<u>PURCHASE COST</u>	<u>COMMISSIONS</u>
400 Mid-Cap Fund	33,159	\$449,731	\$249
500 Large-Cap Fund	1,584	200,927	12
600 Small-Cap Fund	91,240	2,025,186	684
<b>TOTAL EQUITY PURCHASES</b>	<b>125,983</b>	<b>\$2,675,844</b>	<b>\$945</b>

**II. Equity Funds Sales**

	<u>SHARES</u>	<u>SALES AMOUNT</u>	<u>COMMISSIONS</u>
400 Mid-Cap Fund	112,005	\$4,366,109	\$840
500 Large-Cap Fund	12,200	1,430,301	92
600 Small-Cap Fund	40,390	1,606,089	303
<b>TOTAL EQUITY SALES</b>	<b>164,595</b>	<b>\$7,402,499</b>	<b>\$1,235</b>

**ENDOWMENT FUNDS**  
**INVESTMENTS OUTSTANDING**  
**SEPTEMBER 30, 2017**  
(In Thousands)

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FUND NAME OF FUND	SHARES OUTSTANDING	BOOK VALUE	MARKET VALUE	UNREALIZED GAINS (LOSSES)	<b>Mkt Value/ Book Value</b>
101 A & M Colleges					
<i>Shares in Equity Pools</i>	411	\$2,890	\$8,064	\$5,175	
<i>Shares in Fixed Income Pools</i>	4,117	2,947	5,152	2,204	
Total	4,528	5,837	13,216	7,379	<b>2.264</b>
102 State Hospital					
<i>Shares in Equity Pools</i>	313	2,673	6,145	3,472	
<i>Shares in Fixed Income Pools</i>	3,223	2,658	4,032	1,374	
Total	3,536	5,331	10,178	4,847	<b>1.909</b>
103 Leg., Exec., & Jud					
<i>Shares in Equity Pools</i>	333	2,517	6,543	4,026	
<i>Shares in Fixed Income Pools</i>	3,562	2,553	4,458	1,905	
Total	3,896	5,069	11,000	5,931	<b>2.170</b>
104 Military Institute					
<i>Shares in Equity Pools</i>	23	177	444	267	
<i>Shares in Fixed Income Pools</i>	247	174	309	135	
Total	270	351	753	402	<b>2.145</b>
105 Miners Hospital					
<i>Shares in Equity Pools</i>	984	8,732	19,309	10,577	
<i>Shares in Fixed Income Pools</i>	9,907	8,634	12,397	3,763	
Total	10,891	17,366	31,706	14,340	<b>1.826</b>
107 Normal School ASU/NAU					
<i>Shares in Equity Pools</i>	187	1,612	3,678	2,066	
<i>Shares in Fixed Income Pools</i>	1,935	1,547	2,422	874	
Total	2,123	3,159	6,099	2,941	<b>1.931</b>
108 Penitentiaries					
<i>Shares in Equity Pools</i>	657	5,565	12,890	7,326	
<i>Shares in Fixed Income Pools</i>	6,724	5,538	8,414	2,876	
Total	7,381	11,102	21,304	10,202	<b>1.919</b>

**ENDOWMENT FUNDS**  
**INVESTMENTS OUTSTANDING**  
 SEPTEMBER 30, 2017  
 (In Thousands)

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NAME OF FUND	SHARES OUTSTANDING	BOOK VALUE	MARKET VALUE	UNREALIZED GAINS (LOSSES)	Mkt Value/ Book Value
109 Permanent Common School					
<i>Shares in Equity Pools</i>	165,501	1,346,118	3,249,043	1,902,924	
<i>Shares in Fixed Income Pools</i>	1,668,873	1,365,554	2,088,269	722,715	
Total	1,834,374	2,711,673	5,337,312	2,625,639	<b>1.968</b>
110 School for Deaf & Blind					
<i>Shares in Equity Pools</i>	238	1,980	4,680	2,700	
<i>Shares in Fixed Income Pools</i>	2,671	2,099	3,342	1,242	
Total	2,909	4,080	8,022	3,943	<b>1.966</b>
111 School of Mines					
<i>Shares in Equity Pools</i>	465	3,490	9,127	5,637	
<i>Shares in Fixed Income Pools</i>	4,785	3,553	5,988	2,435	
Total	5,250	7,043	15,115	8,072	<b>2.146</b>
112 State Charitable					
<i>Shares in Equity Pools</i>	4,682	35,269	91,909	56,640	
<i>Shares in Fixed Income Pools</i>	45,585	36,161	57,041	20,880	
Total	50,267	71,430	148,950	77,520	<b>2.085</b>
113 University Fund					
<i>Shares in Equity Pools</i>	847	6,714	16,629	9,916	
<i>Shares in Fixed Income Pools</i>	8,731	6,656	10,925	4,269	
Total	9,578	13,370	27,555	14,184	<b>2.061</b>
114 U Of A Land - 1881					
<i>Shares in Equity Pools</i>	3,185	31,011	62,519	31,507	
<i>Shares in Fixed Income Pools</i>	32,769	28,296	41,004	12,708	
Total	35,954	59,307	103,523	44,215	<b>1.746</b>
TOTALS - ALL FUNDS					
<i>Shares in Equity Pools</i>	177,825	1,448,747	3,490,981	2,042,234	
<i>Shares in Fixed Income Pools</i>	1,793,129	1,466,372	2,243,752	777,380	
<b>Grand Total</b>	\$1,970,955	\$2,915,118	\$5,734,733	\$2,819,614	
<b>PRIOR YEAR:</b>					
<b>SEPTEMBER 2016 BALANCE</b>	<b>\$2,008,593</b>	<b>\$2,933,391</b>	<b>\$5,240,922</b>	<b>\$2,307,532</b>	

**ENDOWMENT FUNDS  
INVESTMENTS OUTSTANDING  
SEPTEMBER 30, 2017**

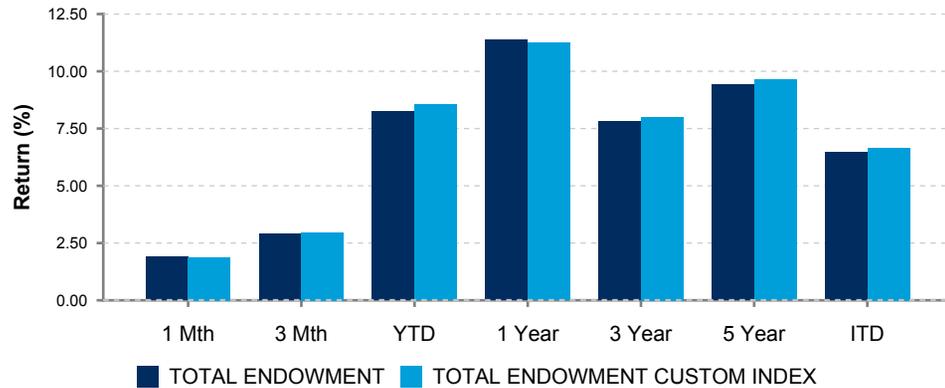
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**ASSET ALLOCATION PERCENTAGE**

	SHARES OUTSTANDING	BOOK VALUE	MARKET VALUE	SEPTEMBER 2016 MARKET VALUE
<i>Shares in Equity Pools</i>	9.02%	<b>49.70%</b>	60.87%	61.04%
<i>Shares in Fixed Income Pools</i>	90.98%	<b>50.30%</b>	39.13%	38.96%
	-----	-----	-----	-----
<b>Total</b>	100.00%	<b>100.00%</b>	100.00%	100.00%
	=====	=====	=====	=====



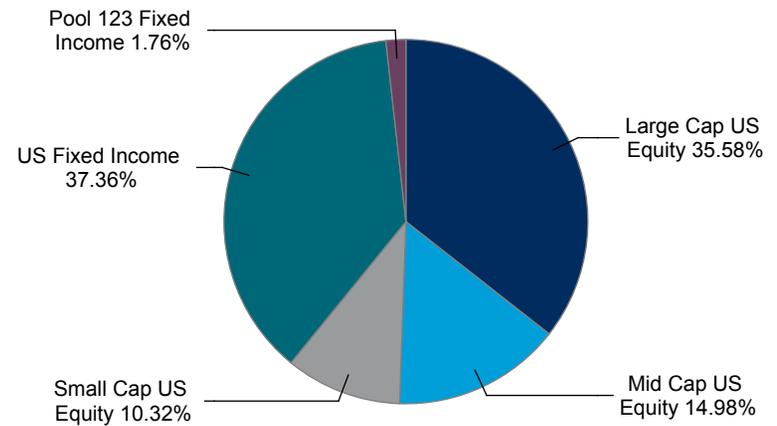
## Performance



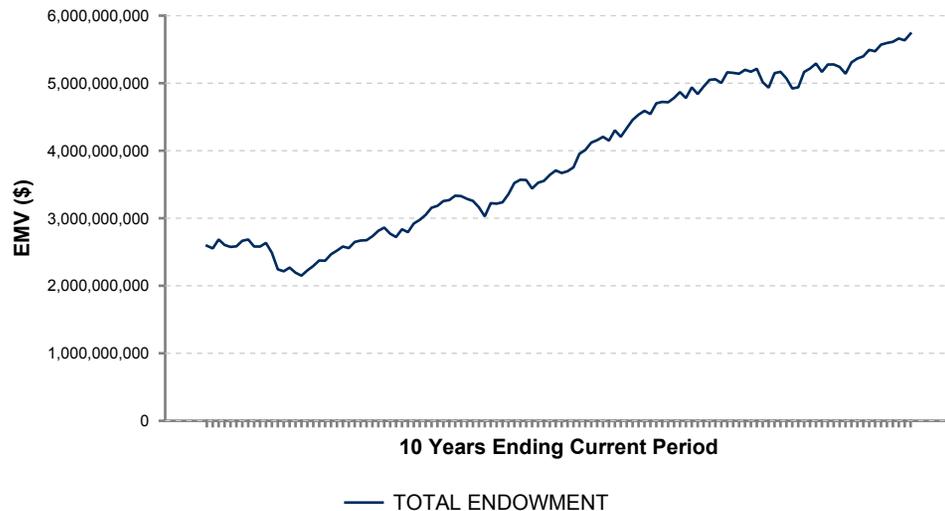
	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Incept Date
TOTAL ENDOWMENT	1.89	2.91	8.24	11.38	7.82	9.41	6.46	07/99
TOTAL ENDOWMENT CUSTOM INDEX	1.88	2.97	8.54	11.24	8.01	9.64	6.65	07/99
Excess	0.01	-0.06	-0.30	0.15	-0.19	-0.22	-0.19	

## Asset Allocation

	Ending Market Value
TOTAL ENDOWMENT	5,734,732,771



## Ending Market Value



## 3 Year Risk Statistics

	Return	Portfolio Std Dev	Benchmark Std Dev	Sharpe Ratio	Beta	Tracking Error	Information Ratio
TOTAL ENDOWMENT	7.82	6.23	6.30	1.20	0.99	0.36	-0.54



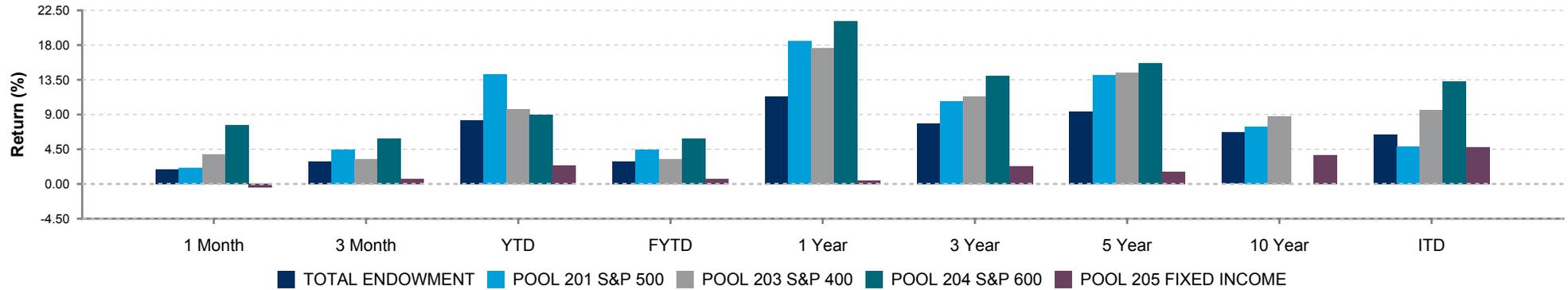
# OFFICE OF THE ARIZONA STATE TREASURER

September 30, 2017

Total Returns Net Mgr



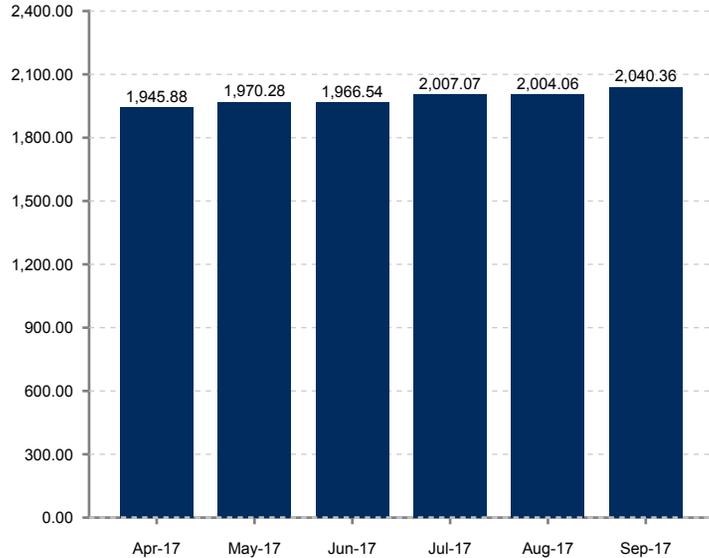
## Return Comparison



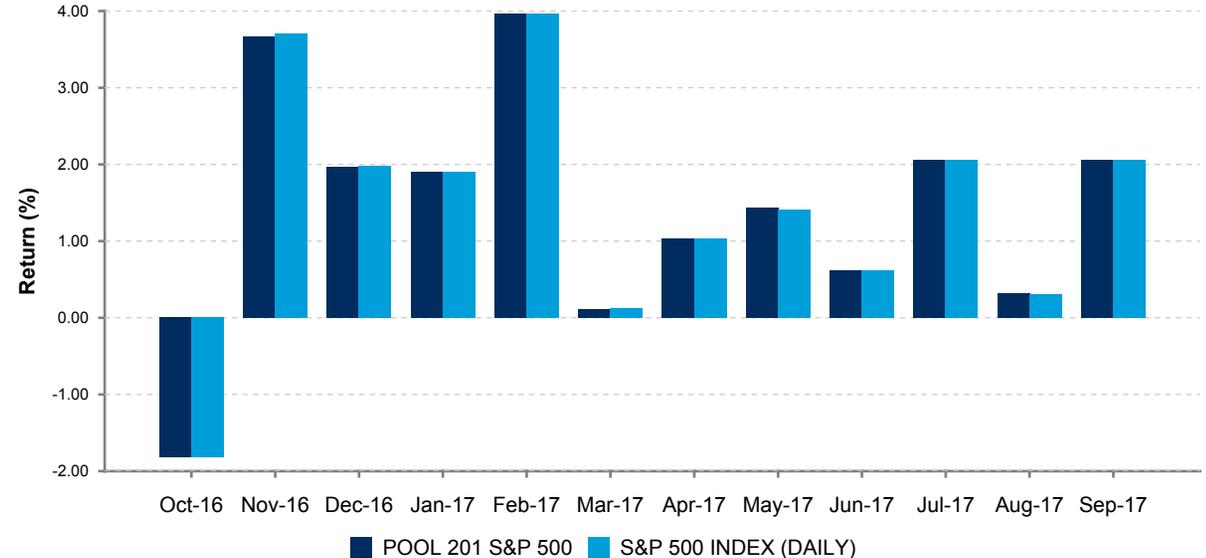
	Market Value	Actual Weight	1 Mth	3 Mth	YTD	FYTD	1 Year	3 Year	5 Year	10 Year	ITD	Inc Date
TOTAL ENDOWMENT	5,734,732,771	100.00	1.89	2.91	8.24	2.91	11.38	7.82	9.41	6.68	6.46	Jul-01-99
TOTAL ENDOWMENT CUSTOM INDEX			1.88	2.97	8.54	2.97	11.24	8.01	9.64	6.99	6.65	Jul-01-99
Excess			0.01	-0.06	-0.30	-0.06	0.15	-0.19	-0.22	-0.31	-0.19	
POOL 201 S&P 500	2,040,362,480	35.58	2.06	4.49	14.26	4.49	18.59	10.74	14.17	7.47	4.87	Jul-01-99
S&P 500 INDEX (DAILY)			2.06	4.48	14.24	4.48	18.61	10.81	14.22	7.44	5.38	Jul-01-99
Excess			-0.01	0.01	0.02	0.01	-0.02	-0.07	-0.06	0.04	-0.51	
POOL 203 S&P 400	858,953,662	14.98	3.88	3.22	9.67	3.22	17.65	11.31	14.48	8.81	9.60	Aug-01-01
S&P 400 MIDCAP INDEX (DAILY)			3.92	3.22	9.40	3.22	17.52	11.18	14.43	9.00	9.60	Aug-01-01
Excess			-0.03	-0.00	0.26	-0.00	0.13	0.13	0.05	-0.18	0.00	
POOL 204 S&P 600	591,664,548	10.32	7.64	5.94	9.01	5.94	21.09	14.07	15.66		13.28	Mar-01-11
S&P SM 600 TR			7.71	5.96	8.92	5.96	21.05	14.07	15.60		13.25	Mar-01-11
Excess			-0.06	-0.02	0.09	-0.02	0.04	-0.00	0.06		0.03	
POOL 205 FIXED INCOME	2,142,696,955	37.36	-0.42	0.68	2.38	0.68	0.48	2.30	1.62	3.74	4.79	Jul-01-99
CITIGROUP BIG (DAILY)			-0.47	0.83	3.19	0.83	0.06	2.72	2.06	4.35	5.11	Jul-01-99
Excess			0.06	-0.15	-0.81	-0.15	0.42	-0.42	-0.44	-0.61	-0.32	
POOL 123 FIXED INCOME	101,055,126	1.76	0.11	0.31	0.79	0.31	0.99				0.89	Jun-01-16
ASTO-POOL 5 BENCHMARK			0.09	0.26	0.65	0.26	0.77				0.68	Jun-01-16
Excess			0.02	0.05	0.14	0.05	0.22				0.20	



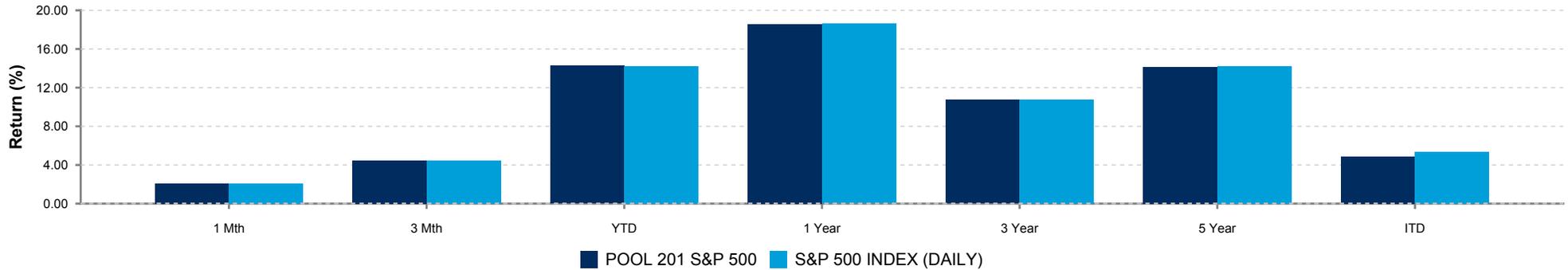
Net Asset Values over Time (\$MM)



Monthly Returns



Rates of Return

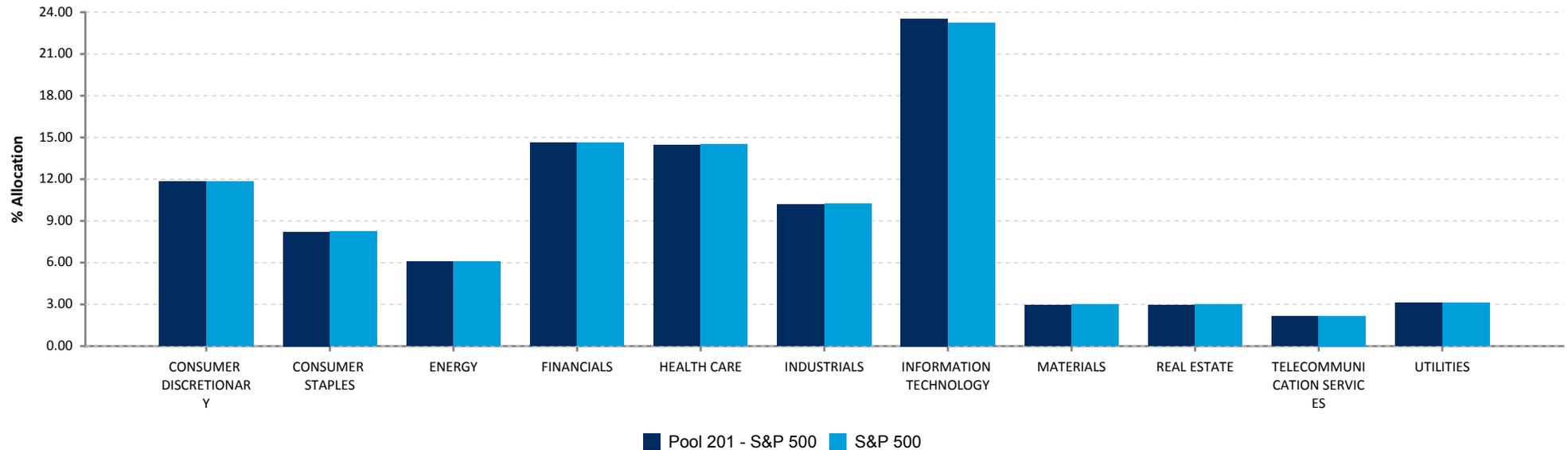


	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Sep 30 2015	Sep 30 2016	Sep 30 2017
POOL 201 S&P 500	2.06	4.49	14.26	18.59	10.74	14.17	4.87	-0.61	15.22	18.59
S&P 500 INDEX (DAILY)	2.06	4.48	14.24	18.61	10.81	14.22	5.38	-0.61	15.43	18.61
Excess	-0.01	0.01	0.02	-0.02	-0.07	-0.06	-0.51	0.01	-0.21	-0.02

# OFFICE OF THE ARIZONA STATE TREASURER

September 30, 2017

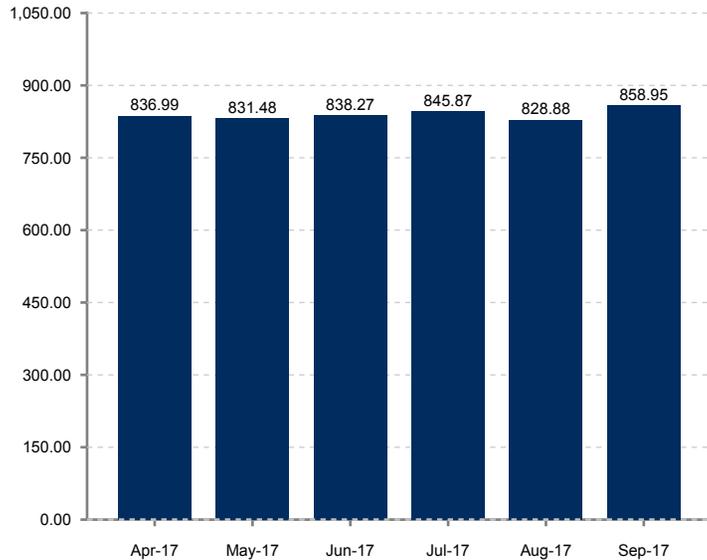
POOL 201 S&P 500  
Sector Allocation vs S&P 500



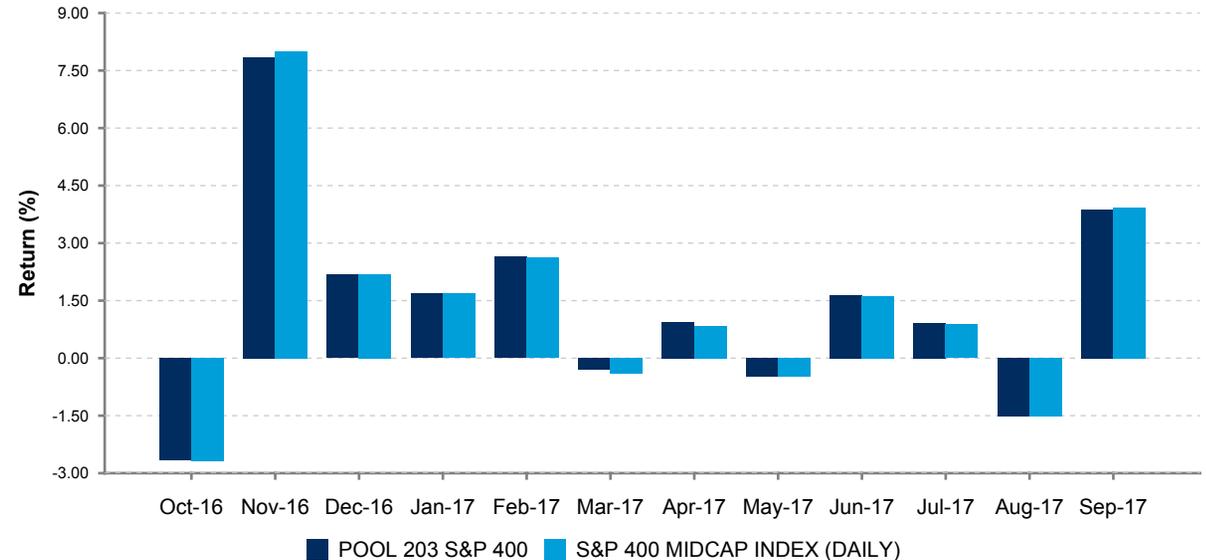
	Fund Weight	Benchmark Weight	Relative Weight
POOL 201 S&P 500	100.00	100.00	0.00
CONSUMER DISCRETIONARY	11.99	12.06	-0.06
CONSUMER STAPLES	8.44	8.48	-0.04
ENERGY	5.66	5.67	-0.01
FINANCIALS	14.16	14.23	-0.07
HEALTH CARE	14.59	14.66	-0.07
INDUSTRIALS	10.04	10.10	-0.06
INFORMATION TECHNOLOGY	23.80	23.51	0.29
MATERIALS	2.89	2.90	-0.01
REAL ESTATE	3.04	2.98	0.07
TELECOMMUNICATION SERVICES	2.13	2.14	-0.01
UTILITIES	3.26	3.26	-0.01



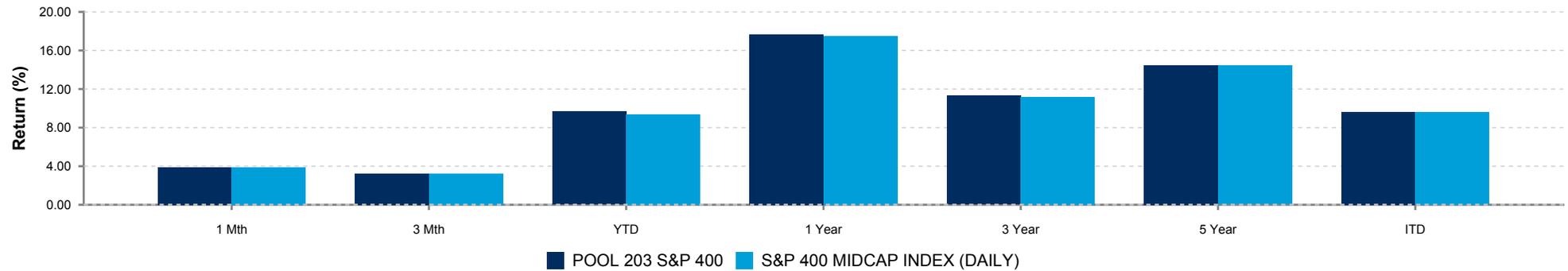
Net Asset Values over Time (\$MM)



Monthly Returns



Rates of Return

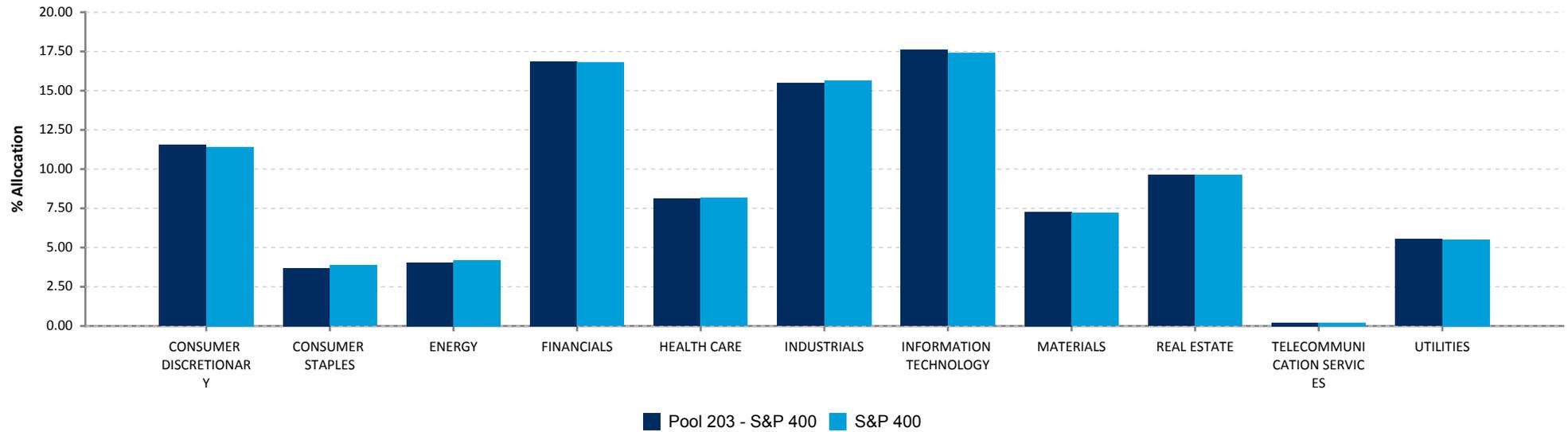


	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Sep 30 2015	Sep 30 2016	Sep 30 2017
POOL 203 S&P 400	3.88	3.22	9.67	17.65	11.31	14.48	9.60	1.59	15.38	17.65
S&P 400 MIDCAP INDEX (DAILY)	3.92	3.22	9.40	17.52	11.18	14.43	9.60	1.40	15.33	17.52
Excess	-0.03	-0.00	0.26	0.13	0.13	0.05	0.00	0.20	0.05	0.13

# OFFICE OF THE ARIZONA STATE TREASURER

September 30, 2017

POOL 203 S&P 400  
Sector Allocation vs S&P MID CAP 400



	Weight Fund	Weight Benchmark	Weight Relative
POOL 203 S&P 400	100.00	100.00	0.00
CONSUMER DISCRETIONARY	11.28	11.26	0.01
CONSUMER STAPLES	3.71	3.70	0.01
ENERGY	3.51	3.50	0.01
FINANCIALS	16.30	16.26	0.04
HEALTH CARE	8.69	8.70	-0.00
INDUSTRIALS	14.64	14.81	-0.17
INFORMATION TECHNOLOGY	18.65	18.65	0.00
MATERIALS	7.23	7.20	0.02
REAL ESTATE	9.90	9.86	0.04
TELECOMMUNICATION SERVICES	0.23	0.23	0.00
UTILITIES	5.85	5.83	0.02

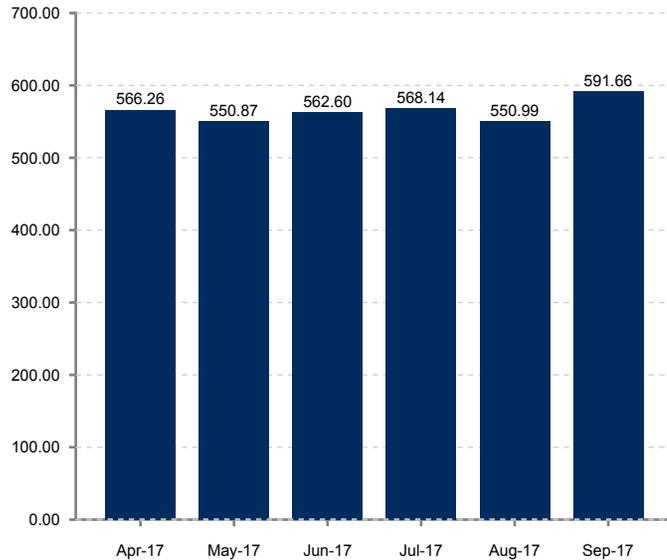
# OFFICE OF THE ARIZONA STATE TREASURER

September 30, 2017

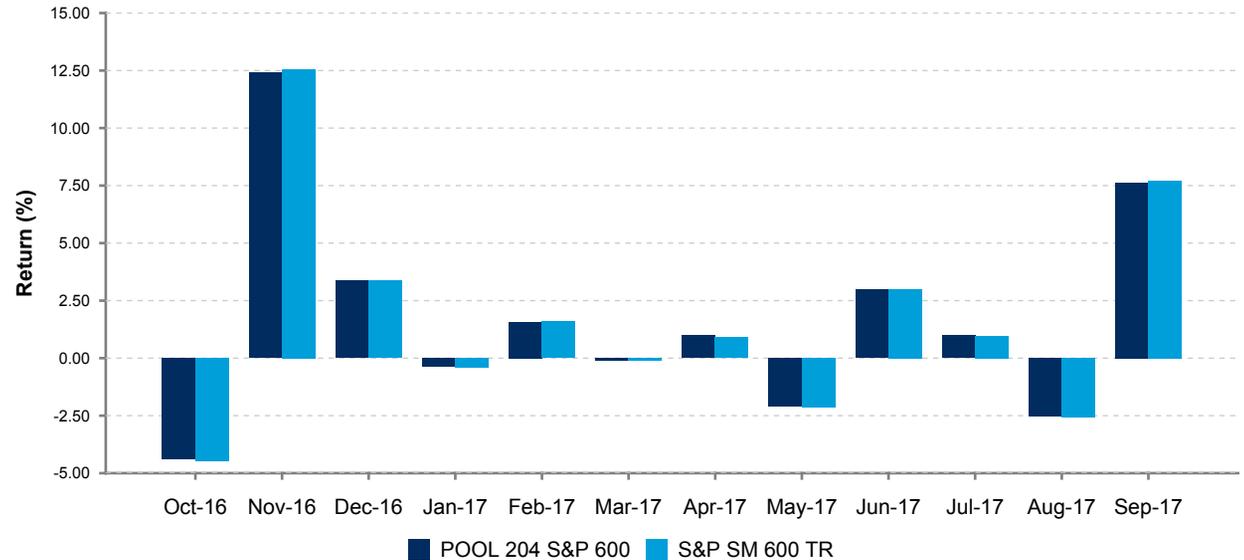
POOL 204 S&P 600



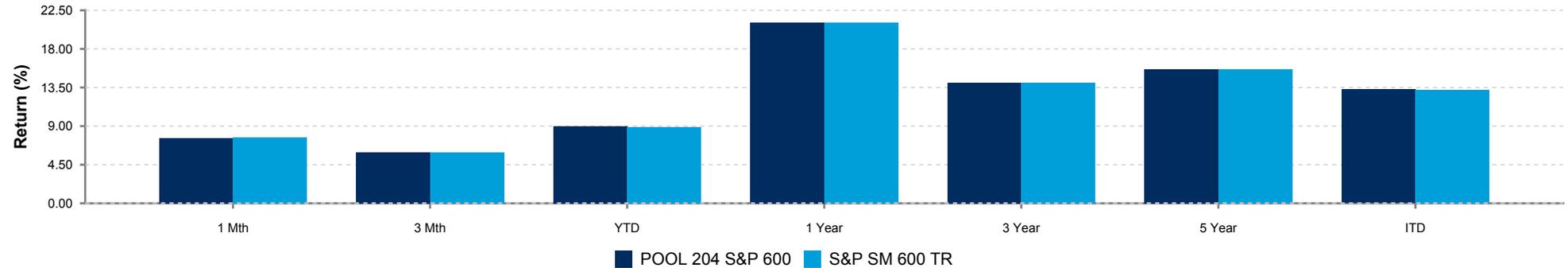
## Net Asset Values over Time (\$MM)



## Monthly Returns



## Rates of Return

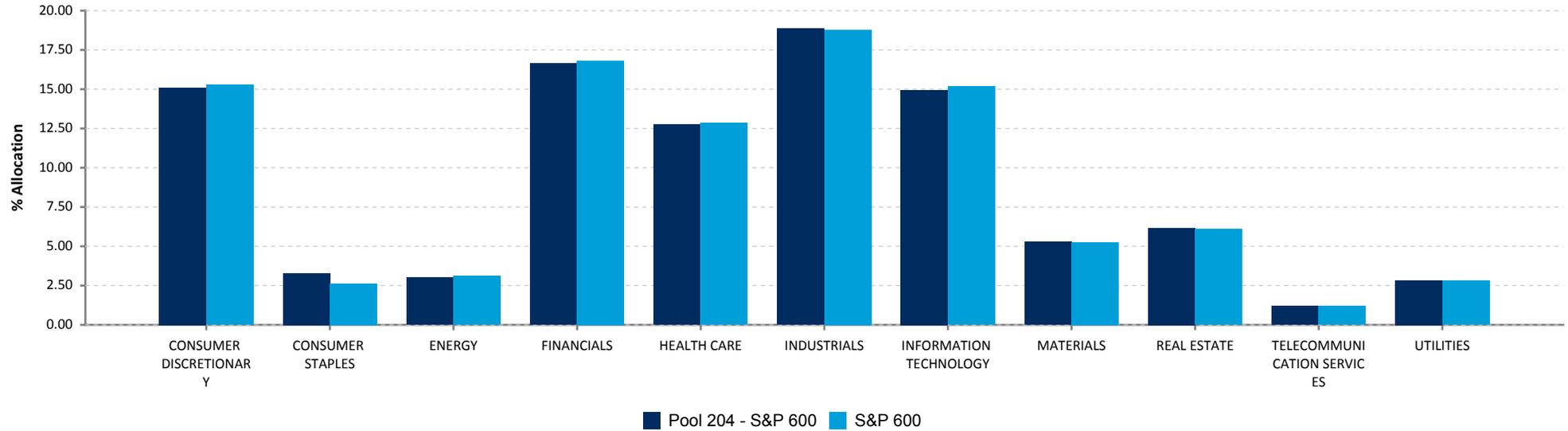


	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Sep 30 2015	Sep 30 2016	Sep 30 2017
POOL 204 S&P 600	7.64	5.94	9.01	21.09	14.07	15.66	13.28	3.91	17.97	21.09
S&P SM 600 TR	7.71	5.96	8.92	21.05	14.07	15.60	13.25	3.81	18.12	21.05
Excess	-0.06	-0.02	0.09	0.04	-0.00	0.06	0.03	0.10	-0.15	0.04

# OFFICE OF THE ARIZONA STATE TREASURER

September 30, 2017

POOL 204 S&P 600  
Sector Allocation vs S&P SMALLCAP 600



	Weight Fund	Weight Benchmark	Weight Relative
POOL 204 S&P 600	100.00	100.00	0.00
CONSUMER DISCRETIONARY	15.23	15.44	-0.20
CONSUMER STAPLES	3.31	3.12	0.19
ENERGY	2.62	2.63	-0.00
FINANCIALS	16.07	16.08	-0.01
HEALTH CARE	12.94	12.96	-0.02
INDUSTRIALS	18.77	18.78	-0.02
INFORMATION TECHNOLOGY	15.08	15.10	-0.02
MATERIALS	5.19	5.19	-0.00
REAL ESTATE	6.43	6.34	0.09
TELECOMMUNICATION SERVICES	1.29	1.29	0.00
UTILITIES	3.07	3.06	0.00

# OFFICE OF THE ARIZONA STATE TREASURER

September 30, 2017

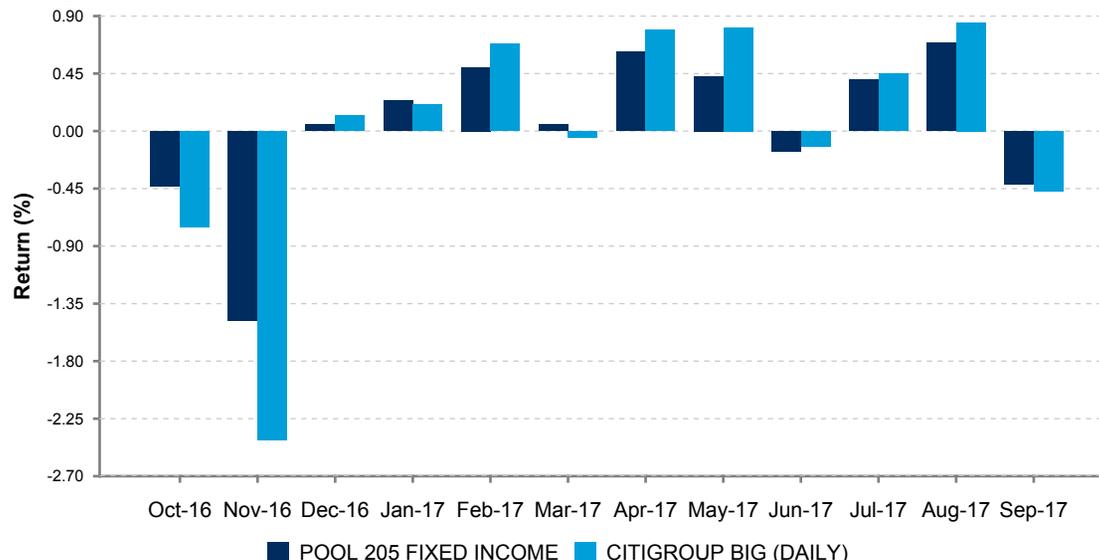
POOL 205 FIXED INCOME



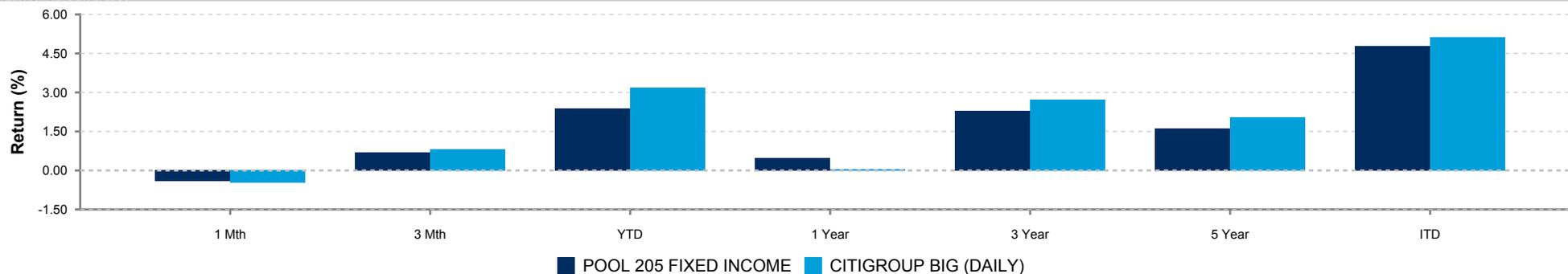
## Net Asset Values over Time (\$MM)



## Monthly Returns



## Rates of Return

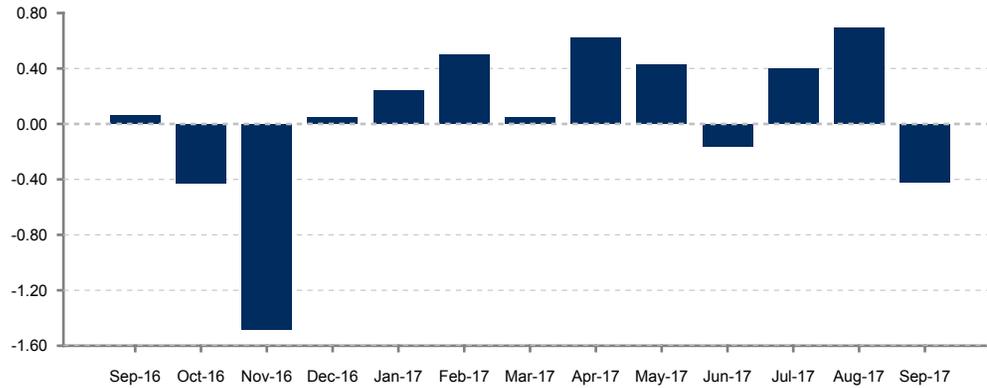


	1 Mth	3 Mth	YTD	1 Year	3 Year	5 Year	ITD	Sep 30 2017	Sep 30 2016	Sep 30 2015
POOL 205 FIXED INCOME	-0.42	0.68	2.38	0.48	2.30	1.62	4.79	0.48	3.79	2.66
CITIGROUP BIG (DAILY)	-0.47	0.83	3.19	0.06	2.72	2.06	5.11	0.06	5.32	2.85
Excess	0.06	-0.15	-0.81	0.42	-0.42	-0.44	-0.32	0.42	-1.53	-0.19

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### Net Mgr Return



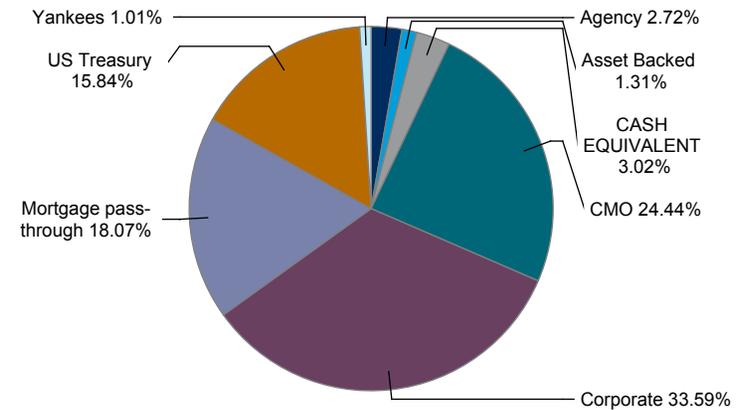
**Current Mth**      **Prior Mth**      **1 Year Ago**

POOL 205 FIXED INCOME

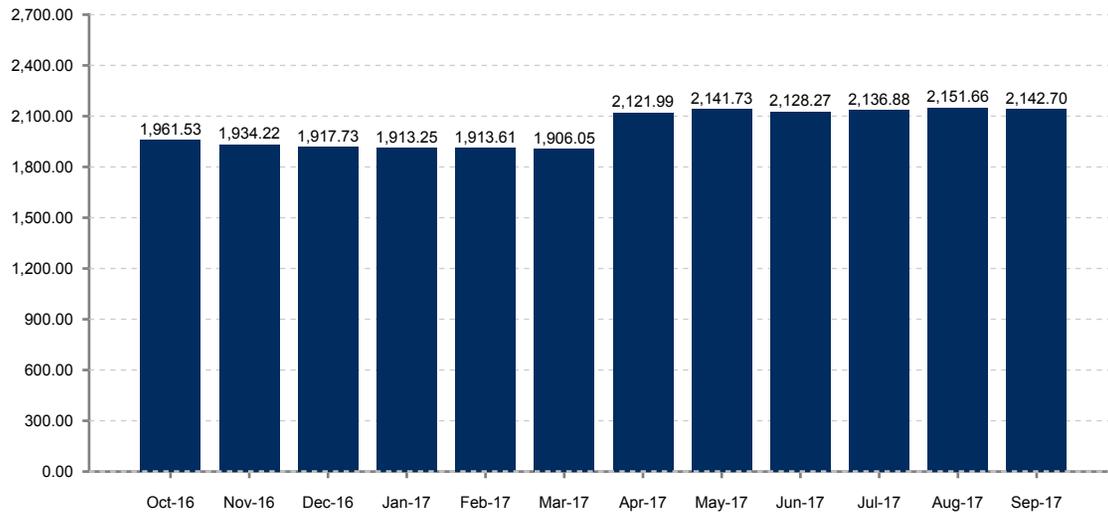
-0.42      0.69      0.06

### Asset Allocation

	Ending Market Value
POOL 205 FIXED INCOME	2,142,696,955



### Net Asset Values over Time (\$MM)

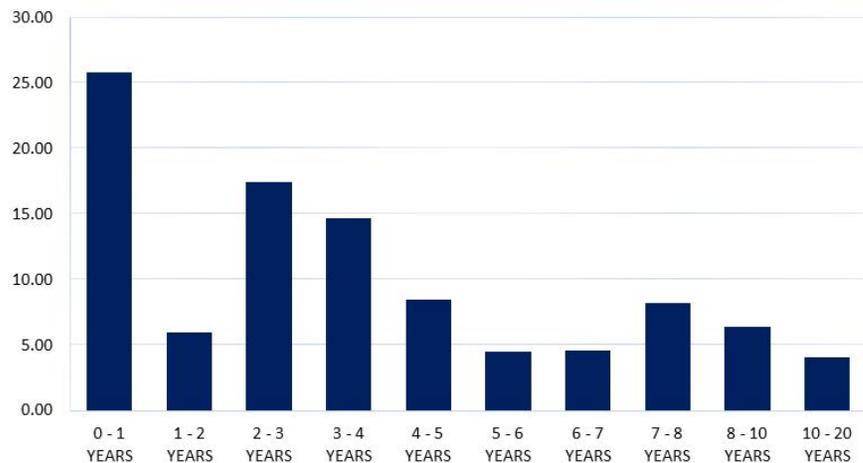


### Top 10 Holdings

Security Name	Ending Market Value	% of Portfolio
POOL 205 FIXED INCOME		
BLACKROCK PROV TEMP	30,270,121	1.41
US TREASURY N/B	27,916,610	1.30
US TREASURY N/B	27,421,637	1.28
US TREASURY N/B	25,266,628	1.18
US TREASURY N/B	22,926,248	1.07
US TREASURY N/B	22,802,399	1.06
US TREASURY N/B	20,532,677	0.96
US TREASURY N/B	20,527,278	0.96
PEPSICO INC	20,138,395	0.94
PNC BANK NA	20,117,424	0.94



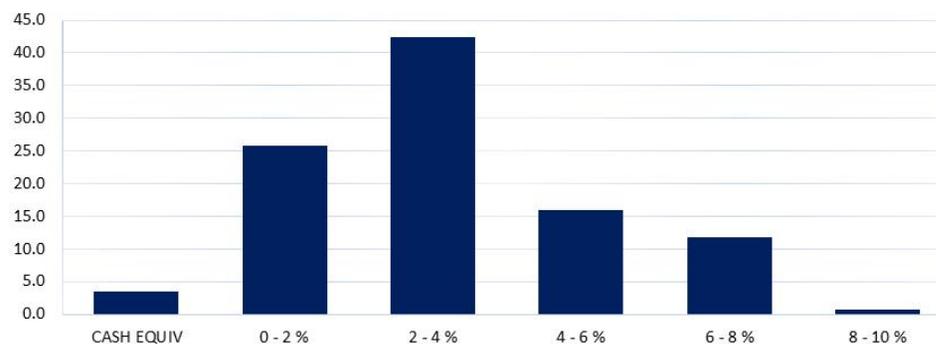
**Duration Distribution**



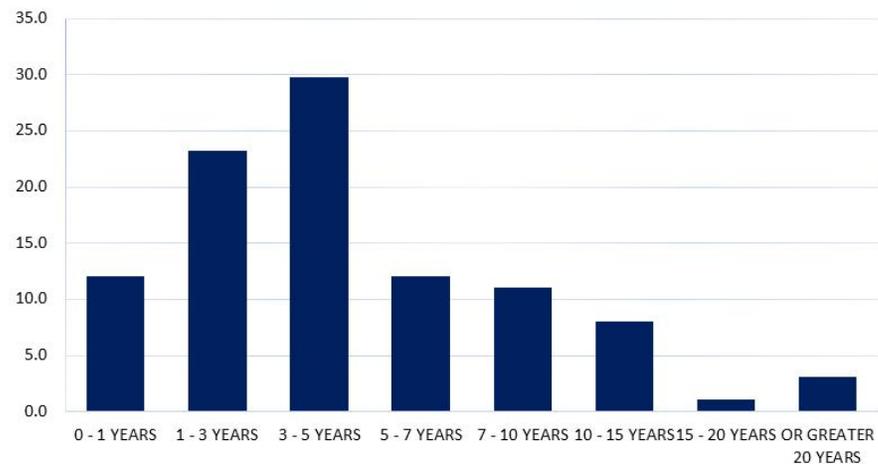
**Portfolio Level Characteristics**

	POOL 205 FIXED INCOME
Weighted Average Life	5.12
Coupon	3.31
Effective Duration	3.69
Quality Rating (Moody's)	AA-2

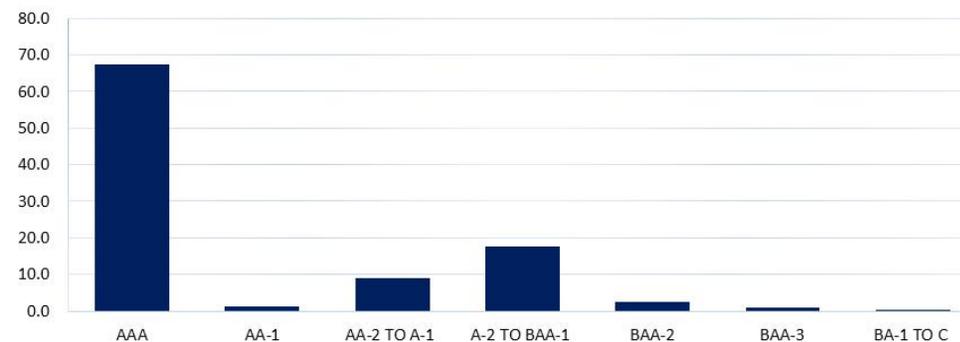
**Coupon Distribution**



**Expected Maturity Distribution**

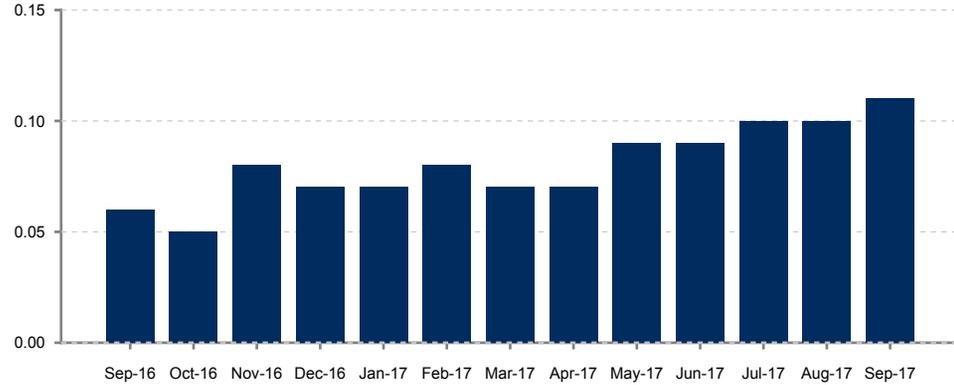


**Rating Distribution**





**Net Yield**

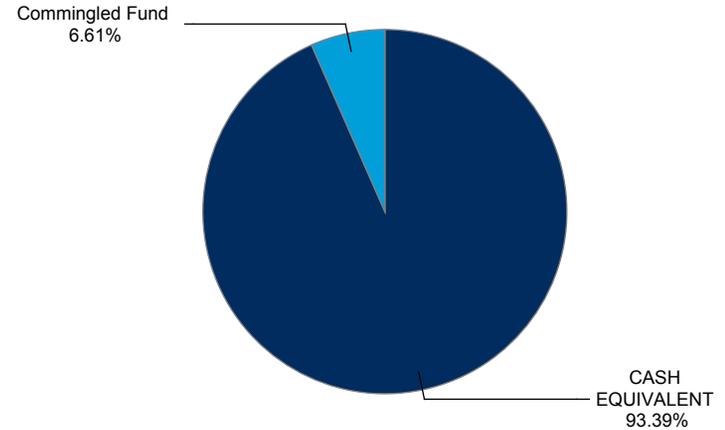


**Current Mth**                      **Prior Mth**                      **1 Year Ago**

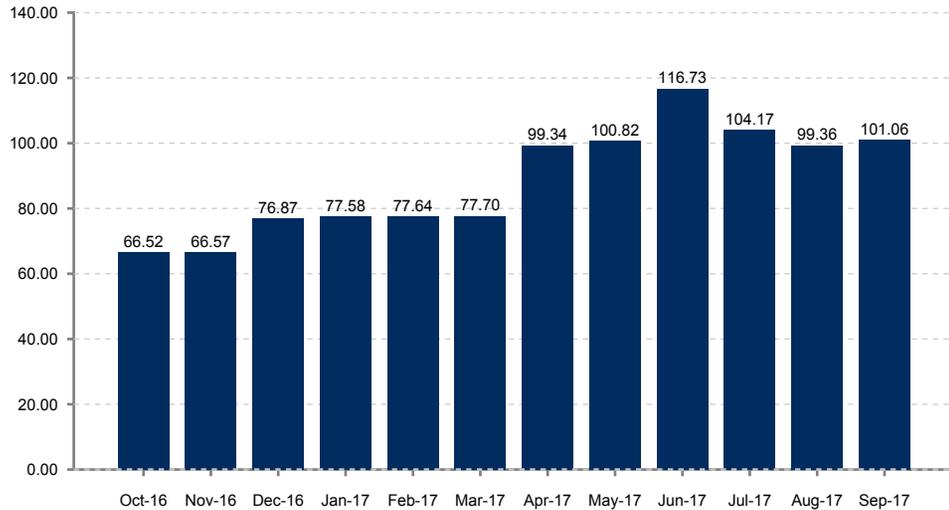
POOL 123 ST	0.11	0.10	0.06
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**Asset Allocation**

	Ending Market Value
POOL 123 ST	101,055,126



**Net Asset Values over Time (\$MM)**

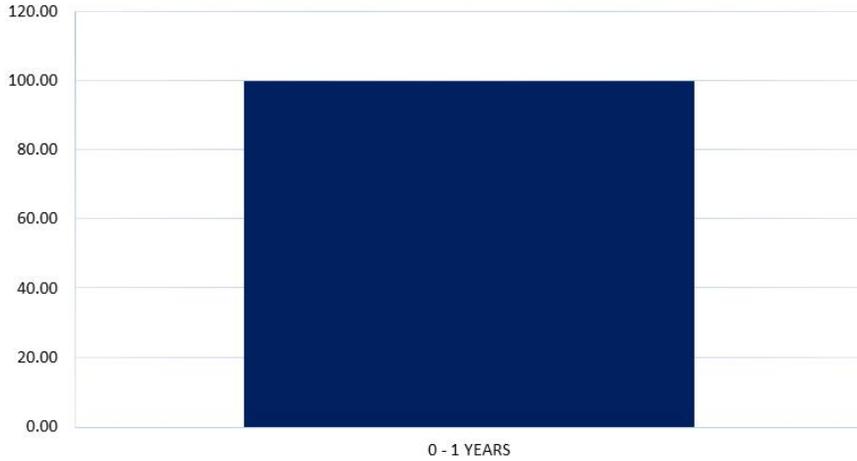


**Top 10 Holdings**

Security Name	Ending Market Value	% of Portfolio
POOL 123 ST		
BLACKROCK PROV TEMP BLACKROCK PROV TEMP FUND 24	42,039,960	41.60
INSTITUTIONAL SECURED	16,947,867	16.77
HALKIN FINANCE LLC USC	14,988,542	14.83
SHEFFIELD RECEIVABLE	11,990,760	11.87
VICTORY RECEIVABLES	8,418,008	8.33
LOCAL GOVERNMENT INVEST POOL	6,682,871	6.61



**Duration Distribution**



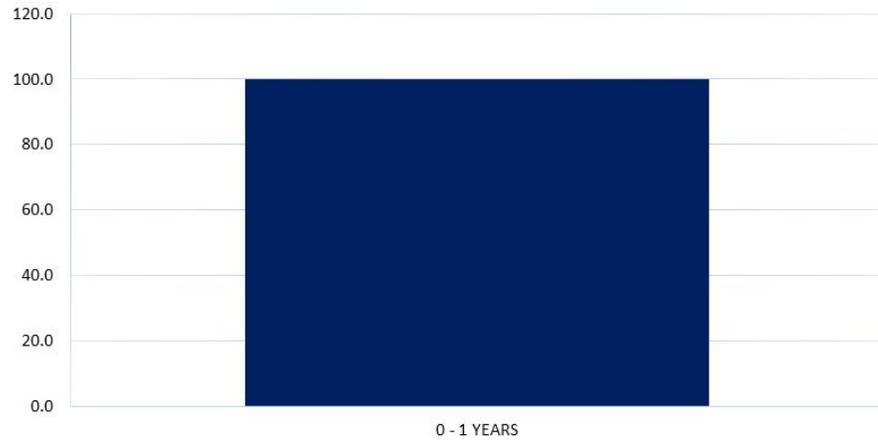
**Portfolio Level Characteristics**

	POOL 123 ST
Weighted Average Life	0.07
Coupon	0.00
Effective Duration	0.07
Quality Rating (Moody's)	AAA

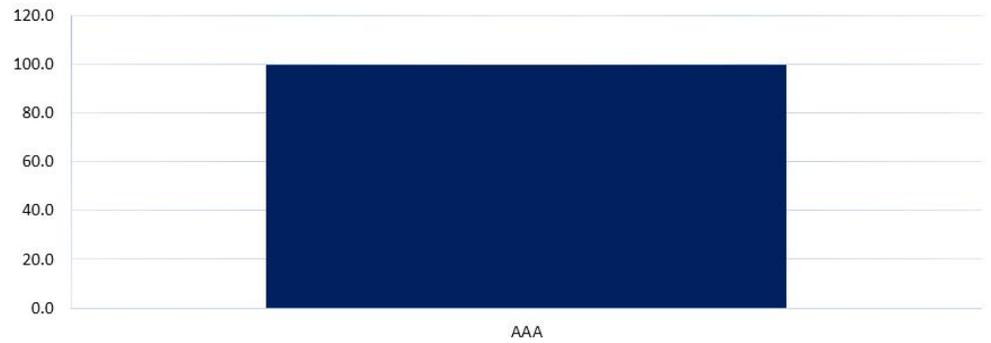
**Coupon Distribution**



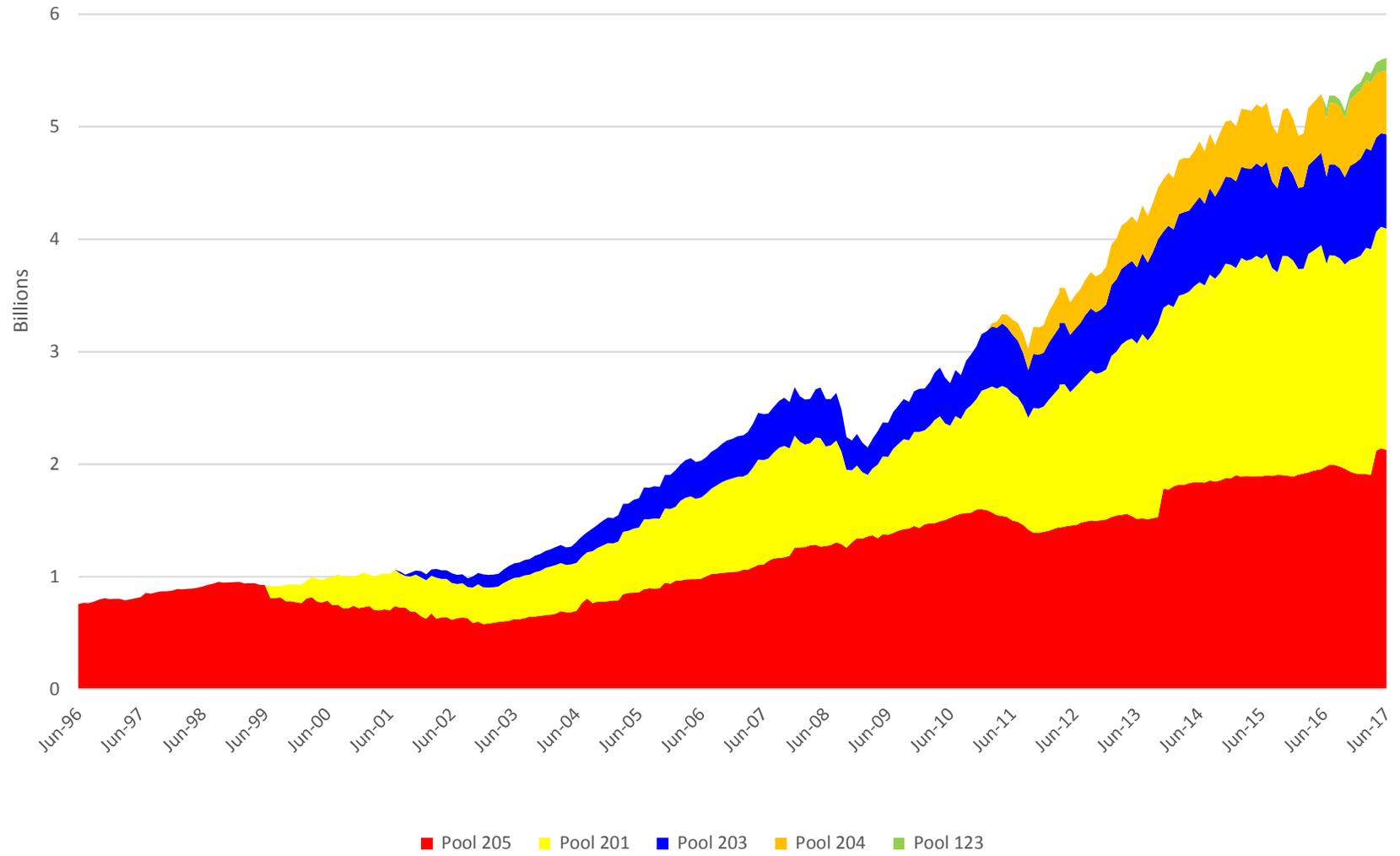
**Expected Maturity Distribution**



**Rating Distribution**



# Endowment Fund Market Value



**BROKER ACTIVITY REPORT**  
**STATE AGENCY POOLS 2, 3 Int., 4, 12, 15, 16 & 10 Int.**  
**JULY 1 - SEPTEMBER 30, 2017**

<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
<b>AMHERST SECURITIES</b>				
	REPO	11,956,413,449	21.16%	20.28%
<b>B OF A SECURITIES INC.</b>				
	COMMERCIAL PAPER	224,103,288	13.69%	0.38%
	CORP NOTES	9,991,400	3.91%	0.02%
	CORP ABS	13,000,000	14.65%	0.02%
	USA MBS	4,989,677	3.66%	0.01%
	US TREAS	90,073,704	26.96%	0.15%
<b>BARCLAYS CAPITAL INC.</b>				
	COMMERCIAL PAPER	198,435,752	12.12%	0.34%
	CORP NOTES	9,991,600	3.91%	0.02%
	CORP ABS	21,000,000	23.67%	0.04%
	US TREAS	14,945,416	4.47%	0.03%
<b>BMO CAPITAL MARKETS</b>				
	REPO	2,706,517,427	4.79%	4.59%
<b>BREAN</b>				
	USA MBS	9,938,158	7.30%	0.02%
<b>CANTOR FITZGERALD</b>				
	COMMERCIAL PAPER	104,732,847	6.40%	0.18%
	USA MBS	80,167,678	58.88%	0.14%
	US TREAS	29,990,833	8.98%	0.05%
<b>CASTLEOAK</b>				
	COMMERCIAL PAPER	14,985,767	0.92%	0.03%

**BROKER ACTIVITY REPORT**  
**STATE AGENCY POOLS 2, 3 Int., 4, 12, 15, 16 & 10 Int.**  
**JULY 1 - SEPTEMBER 30, 2017**

<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
<b>CITIGROUP</b>				
	COMMERCIAL PAPER	205,286,954	12.54%	0.35%
	CORP NOTES	30,000,000	11.74%	0.05%
	CORP ABS	18,000,000	20.29%	0.03%
<b>CREDIT AGRICOLE</b>				
	CORP ABS	17,050,540	19.22%	0.03%
<b>CREDIT SUISSE SECURITIES</b>				
	COMMERCIAL PAPER	106,419,290	6.50%	0.18%
<b>DAIWA CAPITAL MARKETS</b>				
	REPO	10,481,921,507	18.55%	17.78%
<b>FIRST TENNESSEE</b>				
	CORP NOTES	11,919,059	4.67%	0.02%
	US TREAS	9,955,900	2.98%	0.02%
<b>GUGGENHEIM SECURITIES</b>				
	REPO	1,415,005,651	2.50%	2.40%
	COMMERCIAL PAPER	19,983,600	1.22%	0.03%
	US TREAS	9,946,178	2.98%	0.02%
<b>JP MORGAN CHASE</b>				
	COMMERCIAL PAPER	378,740,703	23.13%	0.64%
	CORP NOTES	19,984,800	7.82%	0.03%
	CORP ABS	10,000,000	11.27%	0.02%
<b>LLOYD'S</b>				
	COMMERCIAL PAPER	29,961,150	1.83%	0.05%

**BROKER ACTIVITY REPORT**  
**STATE AGENCY POOLS 2, 3 Int., 4, 12, 15, 16 & 10 Int.**  
**JULY 1 - SEPTEMBER 30, 2017**

<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
<b>MARKETAXESS</b>				
	CORP NOTES	103,415,044	40.49%	0.18%
<b>MITSUBISHI</b>				
	COMMERCIAL PAPER	24,951,000	1.52%	0.04%
<b>MIZUHO SECURITIES</b>				
	REPO	873,034,616	1.55%	1.48%
	COMMERCIAL PAPER	28,558,859	1.74%	0.05%
	CORP ABS	9,674,776	10.90%	0.02%
	US TREAS	20,105,484	6.02%	0.03%
<b>MORGAN STANLEY CAP</b>				
	CORP NOTES	20,000,000	7.83%	0.03%
<b>RAYMOND JAMES</b>				
	USA MBS	24,891,679	18.28%	0.04%
<b>RBC CAPITAL MARKETS</b>				
	REPO	1,059,673,393	1.88%	1.80%
	COMMERCIAL PAPER	203,114,921	12.41%	0.34%
	CORP NOTES	50,130,229	19.63%	0.09%
	USA MBS	16,172,618	11.88%	0.03%
	US TREAS	59,791,024	17.89%	0.10%
<b>SOUTH STREET</b>				
	REPO	28,010,168,981	49.57%	47.51%
<b>WELLS FARGO</b>				
	COMMERCIAL PAPER	97,923,370	5.98%	0.17%
	US TREAS	99,333,286	29.73%	0.17%

**BROKER ACTIVITY REPORT**  
**LGIP POOLS 5, 7, 500 and 700**  
**JULY 1 - SEPTEMBER 30, 2017**

<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
<b>AMHERST PIERPOINT SECURITIES</b>				
	REPO	1,021,586,551	3.19%	3.07%
<b>B OF A SECURITIES INC.</b>				
	REPO	6,300,000,000	19.70%	18.94%
	COMMERCIAL PAPER	220,728,275	24.24%	0.66%
	CORP ABS	13,000,000	45.20%	0.04%
	US TREAS	19,966,054	6.23%	0.06%
<b>BARCLAYS CAPITAL INC.</b>				
	CORP NOTES	5,007,256	35.78%	0.02%
<b>BMO CAPITAL MARKETS</b>				
	REPO	7,345,482,570	22.96%	22.08%
	US TREAS	49,924,093	15.59%	0.15%
<b>BNY MELLON</b>				
	COMMERCIAL PAPER	24,927,069	2.74%	0.07%
<b>BREAN</b>				
	COMMERCIAL PAPER	5,001,796	0.55%	0.02%
	USA MBS	4,969,078	100.00%	0.01%
<b>CANTOR FITZGERALD</b>				
	COMMERCIAL PAPER	19,932,500	2.19%	0.06%
<b>CITIGROUP</b>				
	COMMERCIAL PAPER	24,976,438	2.74%	0.08%
<b>DAIWA CAPITAL MARKETS</b>				
	REPO	2,118,078,493	6.62%	6.37%

**BROKER ACTIVITY REPORT**  
**LGIP POOLS 5, 7, 500 and 700**  
**JULY 1 - SEPTEMBER 30, 2017**

<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
	US TREAS	54,824,911	17.12%	0.16%
<b>GUGGENHEIM SECURITIES, LLC</b>				
	REPO	2,353,994,340	7.36%	7.08%
	US TREAS	39,865,445	12.45%	0.12%
<b>JP MORGAN CHASE</b>				
	COMMERCIAL PAPER	24,950,347	2.74%	0.08%
	CORP NOTES	4,998,320	35.71%	0.02%
<b>MITSUBISHI</b>				
	COMMERCIAL PAPER	9,999,675	1.10%	0.03%
<b>MIZUHO SECURITIES</b>				
	REPO	1,434,965,384	4.49%	4.31%
	COMMERCIAL PAPER	194,838,497	21.40%	0.59%
	CORP ABS	12,750,000	44.33%	0.04%
	US TREAS	26,893,958	8.40%	0.08%
<b>MORGAN STANLEY CAP</b>				
	CORP NOTES	3,990,880	28.51%	0.01%
<b>RBC CAPITAL MARKETS</b>				
	REPO	6,730,326,607	21.04%	20.23%
	COMMERCIAL PAPER	69,874,164	7.67%	0.21%
	CORP ABS	3,011,323	10.47%	0.01%
	US TREAS	9,997,671	3.12%	0.03%
<b>SOUTH STREET</b>				
	REPO	1,822,831,019	5.70%	5.48%

*BROKER ACTIVITY REPORT  
LGIP POOLS 5, 7, 500 and 700  
JULY 1 - SEPTEMBER 30, 2017*

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<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
<hr/> <i>WELLS FARGO</i>				
	REPO	2,860,000,000	8.94%	8.60%
	COMMERCIAL PAPER	315,204,591	34.62%	0.95%
	US TREAS	118,799,035	37.09%	0.36%

**BROKER ACTIVITY REPORT**  
**ENDOWMENT FIXED INCOME POOLS 205 and 123**  
**JULY 1 - SEPTEMBER 30, 2017**

<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
<b>BARCLAYS CAPITAL INC.</b>				
	COMMERCIAL PAPER	11,967,660	10.66%	4.53%
	US TREAS	6,548,143	13.77%	2.48%
<b>B OF A SECURITIES INC.</b>				
	CORP NOTES	4,990,700	24.97%	1.89%
	US TREAS	21,167,874	44.51%	8.00%
<b>BREAN CAPITAL</b>				
	USA MBS	35,922,018	46.10%	13.58%
<b>CANTOR FITZGERALD</b>				
	COMMERCIAL PAPER	29,973,242	26.71%	11.33%
	USA MBS	14,874,684	19.09%	5.62%
<b>CITIGROUP</b>				
	US TREAS	13,204,993	27.77%	4.99%
<b>DEUTSCHE BANC</b>				
	US TREAS	6,634,066	13.95%	2.51%
<b>FIRST TENNESSEE</b>				
	COMMERCIAL PAPER	14,982,813	13.35%	5.67%
<b>JP MORGAN CHASE</b>				
	COMMERCIAL PAPER	23,369,596	20.82%	8.84%
	CORP NOTES	15,000,000	75.03%	5.67%
<b>MIZUHO SECURITIES</b>				
	CORP ABS	6,750,000	100.00%	2.55%

**BROKER ACTIVITY REPORT**  
**ENDOWMENT FIXED INCOME POOLS 205 and 123**  
**JULY 1 - SEPTEMBER 30, 2017**

<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
<b>PIPER JAFFRAY</b>				
	USA MBS	18,650,250	23.93%	7.05%
<b>RBC CAPITAL MARKETS</b>				
	COMMERCIAL PAPER	31,929,897	28.45%	12.07%
	USA MBS	8,474,597	10.88%	3.20%

**BROKER ACTIVITY REPORT**  
**ENDOWMENT EQUITY POOLS 201, 203, & 204**  
**JULY 1 - SEPTEMBER 30, 2017**

<i>Broker Name</i>	<i>Asset Group</i>	<i>Sum Of Book Value</i>	<i>Pct Of Type</i>	<i>Pct Of Total</i>
<b>BARCLAYS CAPITAL INC.</b>				
	LARGE CAP	7,081,178	27.90%	8.00%
<b>BLOOMBERG</b>				
	LARGE CAP	6,230,617	24.55%	7.04%
	MID CAP	42,567,697	90.64%	48.09%
	SMALL CAP	12,112,926	74.89%	13.68%
<b>LUQUIDNET</b>				
	LARGE CAP	2,440,444	9.62%	2.76%
<b>MKM HOLDINGS</b>				
	LARGE CAP	9,628,323	37.94%	10.88%
	MID CAP	4,398,034	9.36%	4.97%
	SMALL CAP	4,062,036	25.11%	4.59%