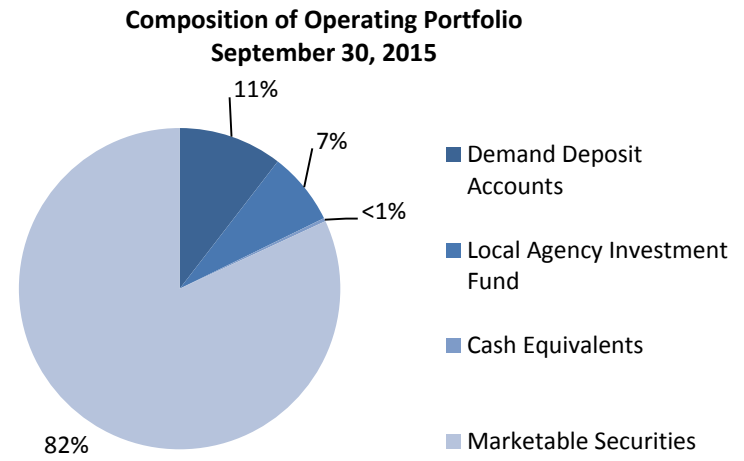
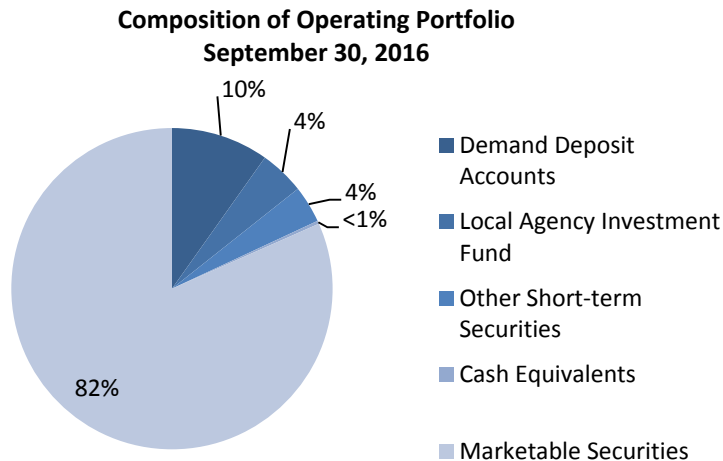




Portfolios	September 30, 2016									
	Amortized Cost	Unrealized Gains/(Loss)	Fair Value	Accrued Interest	Market Value	% Total	YTM @ Cost	YTM @ Market	Notes	
<b>Operating Portfolios</b>										
Short-term Portfolio										
Demand Deposit Accounts	\$ 20,653,170	\$ -	\$ 20,653,170	\$ -	\$ 20,653,170	9.83%	0.44%	0.44%	(1)	
Local Agency Investment Fund	9,457,478	-	9,457,478	-	9,457,478	4.50%	0.60%	0.63%	(2)	
Other Short-term Securities	7,837,209	70	7,837,279	12,665	7,849,944	3.74%	0.32%	0.33%		
Medium-term Portfolio										
Cash Equivalents	653,245	-	653,245	-	653,245	0.31%	0.27%	0.27%		
Marketable Securities	170,495,918	532,113	171,028,032	491,040	171,519,072	81.62%	1.13%	0.97%		
<b>TOTAL OPERATING FUNDS</b>	<b>\$ 209,097,020</b>	<b>\$ 532,184</b>	<b>\$ 209,629,204</b>	<b>\$ 503,705</b>	<b>\$ 210,132,909</b>	<b>100.00%</b>				
<b>Bond Fund Portfolios</b>										
2010 Civic Center COPs	\$ 1,181,486	\$ -	\$ 1,181,486	\$ -	\$ 1,181,486	32.75%	0.01%	0.01%		
Assessment Districts	796,300	-	796,300	-	796,300	22.07%	0.00%	0.00%		
Special Improvement Districts	1,629,522	-	1,629,522	-	1,629,522	45.17%	0.01%	0.01%		
<b>TOTAL BOND FUNDS WITH FISCAL AGENT</b>	<b>\$ 3,607,307</b>	<b>\$ -</b>	<b>\$ 3,607,307</b>	<b>\$ -</b>	<b>\$ 3,607,307</b>	<b>100.00%</b>				
<b>TOTAL CASH &amp; INVESTMENTS</b>	<b>\$ 212,704,328</b>	<b>\$ 532,184</b>	<b>\$ 213,236,511</b>	<b>\$ 503,705</b>	<b>\$ 213,740,217</b>					



Notes:

- (1) Yield offsets bank fees
- (2) LAIF Yield is available Quarterly

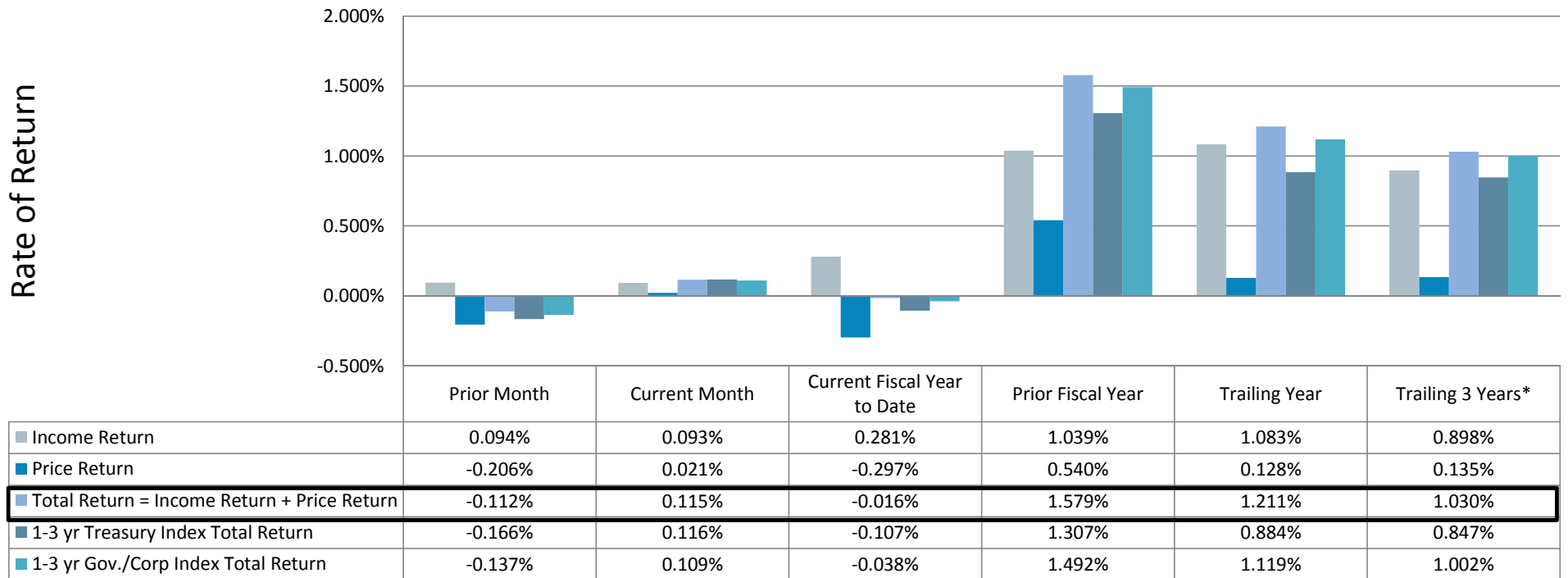


**Medium-Term Investment Portfolio by Security Type  
for the Month Ended**

**September 30, 2016**

Security Type	Par Value	Original Cost	Amortization Cost	Unreal Gain/Loss	Fair Value	Accrued Interest	Market Value	% of Portfolio	YTM @ Cost	YTM @ Market
<b>Cash Equivalents</b>	-	653,245	653,245	-	653,245	-	653,245	0.38%	0.27%	0.27%
<b>Marketable Securities</b>										
Agency	77,170,000	77,378,575	77,272,603	155,610	77,428,213	175,917	77,604,130	45.10%	0.97%	0.85%
Corporate Notes	39,703,000	39,989,906	39,767,335	171,694	39,939,029	170,165	40,109,194	23.26%	1.48%	1.27%
U.S. Government	32,575,000	32,602,571	32,603,643	196,119	32,799,762	89,012	32,888,774	19.11%	1.08%	0.81%
Certificates of Deposit	11,655,000	11,655,000	11,655,000	-	11,655,000	43,094	11,698,094	6.79%	1.18%	1.18%
Asset-Backed Securities	7,229,958	7,229,511	7,229,598	3,593	7,233,191	3,221	7,236,412	4.21%	1.07%	1.02%
Supranational	1,970,000	1,966,651	1,967,739	5,098	1,972,837	9,631	1,982,468	1.15%	1.06%	0.93%
<b>Total Marketable Securities</b>	<b>170,302,958</b>	<b>170,822,214</b>	<b>170,495,918</b>	<b>532,113</b>	<b>171,028,032</b>	<b>491,040</b>	<b>171,519,072</b>	<b>99.62%</b>	<b>1.13%</b>	<b>0.97%</b>
<b>GRAND TOTAL (MIP)</b>	<b>170,302,958</b>	<b>171,475,458</b>	<b>171,149,163</b>	<b>532,113</b>	<b>171,681,276</b>	<b>491,040</b>	<b>172,172,316</b>	<b>100.00%</b>	<b>1.13%</b>	<b>0.97%</b>

**Performance History**

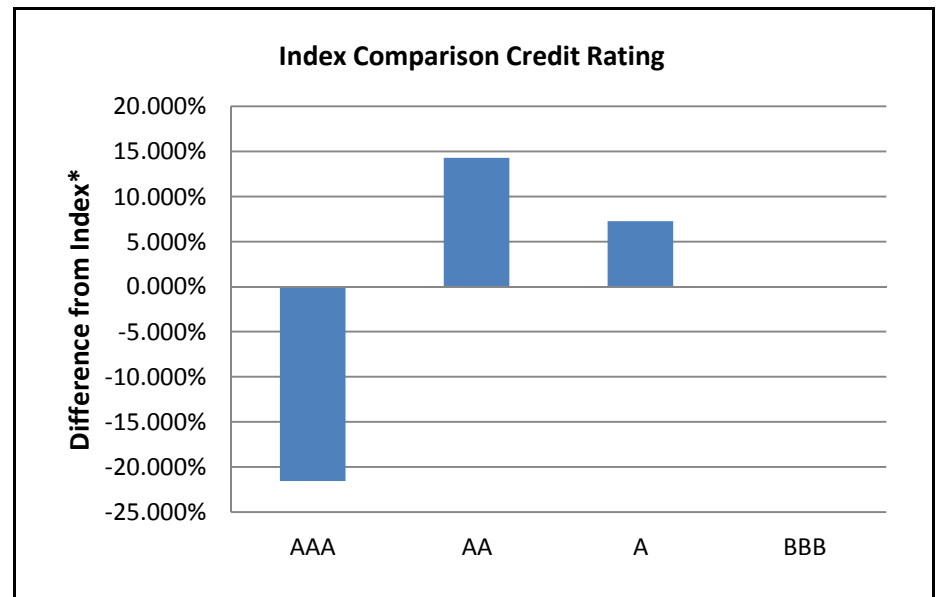
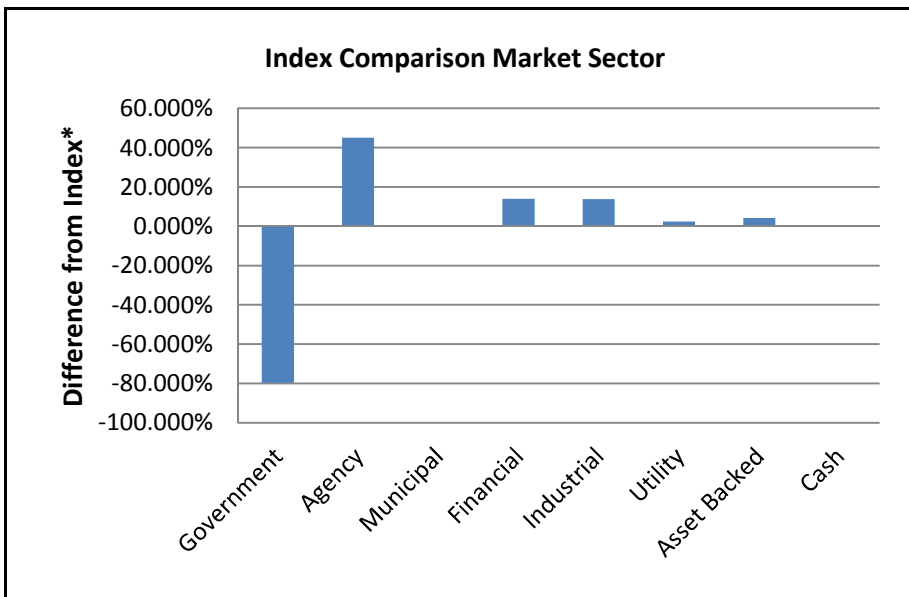
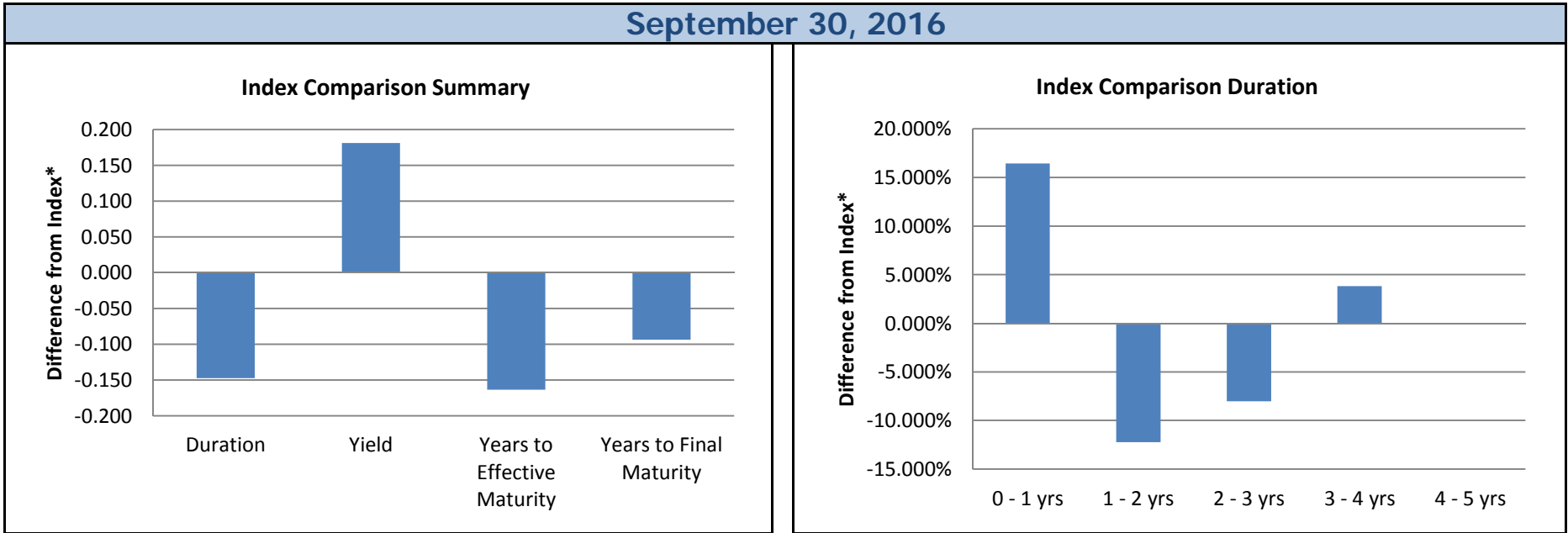


\*Periods greater than one year are annualized



## Index Comparison of Medium-Term Investment Portfolio for the Month Ended

### September 30, 2016



\*Compared to 1-3 Year US Treasuries



## BOND MARKET OVERVIEW

For the Month Ended

September 30, 2016

- ❖ The Federal Reserve decided to keep the federal funds rate unchanged at its September 2016 meeting.
- ❖ However, three of the 10 voting members would have preferred an immediate interest rate hike.
- ❖ Treasury yields remained low in September, and most fell modestly. But the yield curve steepened as the yield between 2-year and 30-year Treasuries widened by 17 basis points (bps).
- ❖ The Fed's reluctance to raise rates put downward pressure on short- and intermediate-term rates, while the perception of a modest rise in labor costs and increases in commodity prices pressured long-term maturity yields upward.

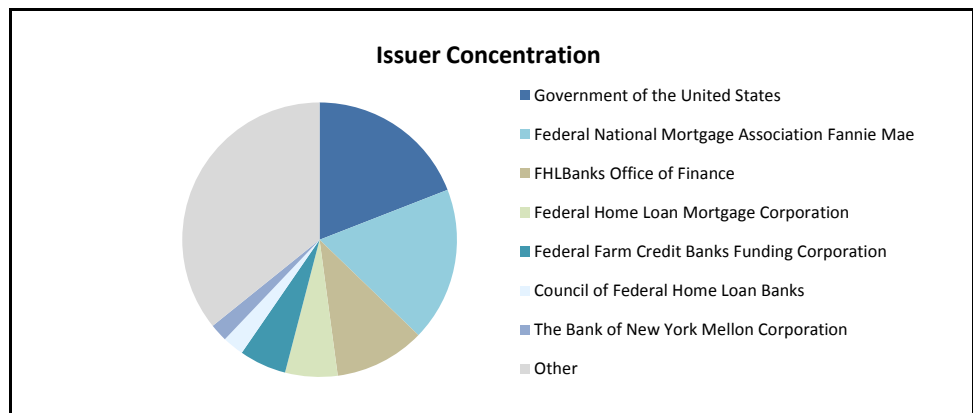
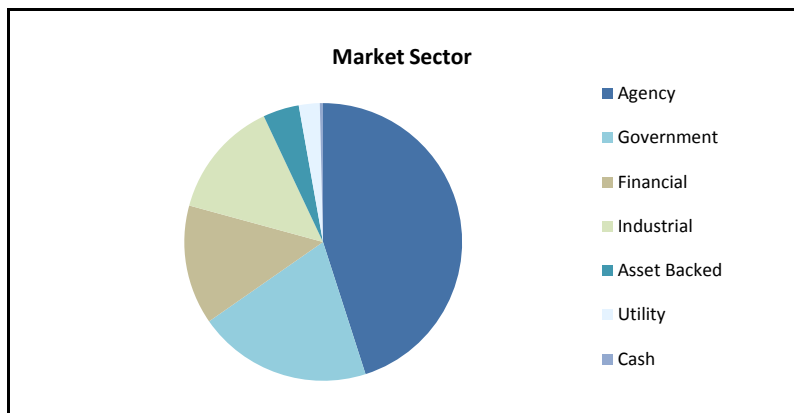
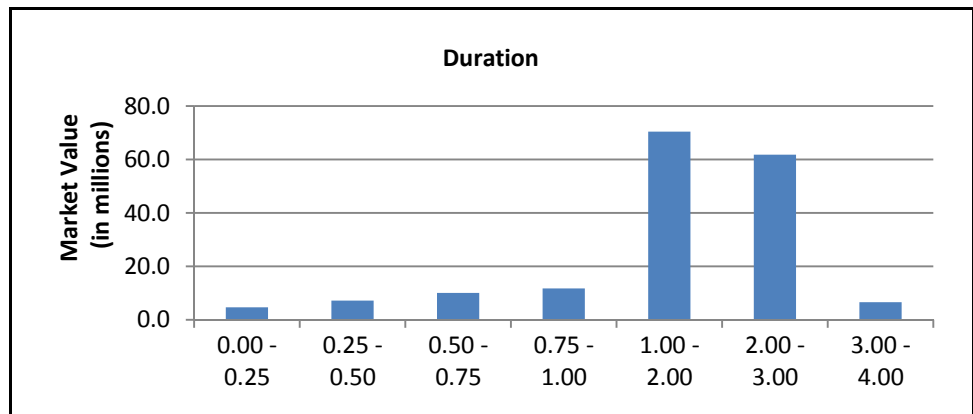
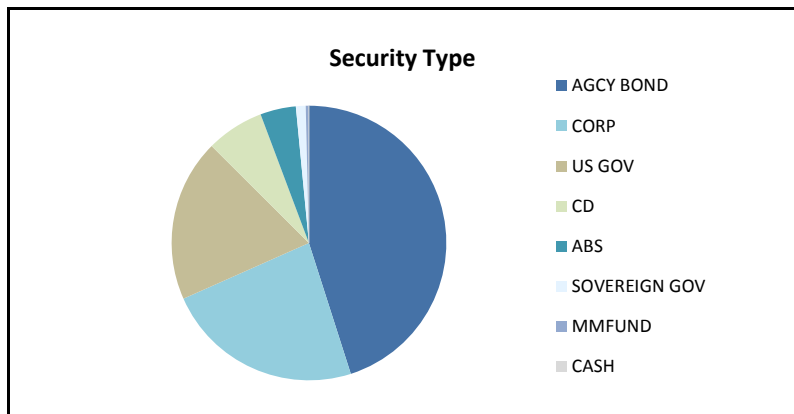
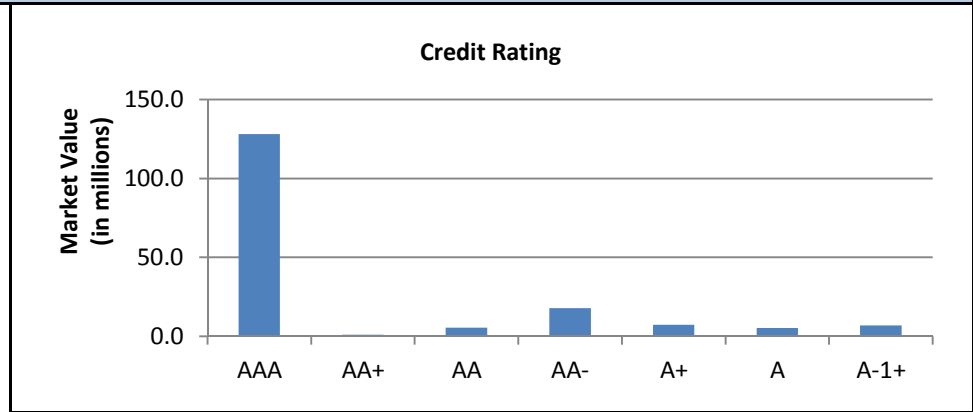
**DISCLAIMER:** This report is provided for informational purposes only and should not be construed as specific investment or legal advice. The information contained herein was obtained from sources believed to be reliable as of the date of publication, but may become outdated or superseded at any time without notice. This report may contain forecasts and forward-looking statements which are inherently limited and should not be relied upon as an indicator of future results. Past performance is not indicative of future results.



**Risk Summary of Medium-Term Investment Portfolio  
for the Month Ended**

**September 30, 2016**

Summary	
Cash	653,245
Fixed Income	171,519,072
Duration	1.756
Convexity	0.046
Weighted Avg Life	1.785
Weighted Avg Maturity	1.854
Weighted Avg Eff Maturity	1.785
Yield	0.97%
Purchase Yield	1.13%
Avg Credit Rating	AA+ /Aa1/AA+





**Medium-Term Investment Portfolio & Other Short-Term Securities Compliance Status  
for the Month Ended**

**September 30, 2016**

Status	Policy Name	Rules	Compliant Rules	Violating Rules
Compliant	Statement of Investment Policy	29	29	0
Status	Rule Basis	Rule Requirements	Rule Limit	Actual
Compliant	Concentration	Bankers Acceptance Concentration	40.00%	0
Compliant	Concentration	Bankers Acceptances Rated Below (LT) A / A2 (ST) A-1/P-1	0.00%	0
Compliant	Concentration	CD	30.00%	6.50%
Compliant	Concentration	Commercial Paper	25.00%	0.00%
Compliant	Concentration	Corp Rated Below A- / A3	0.00%	0.00%
Compliant	Concentration	CP and CDs Rated Below A/A2 or A1/P1	0.00%	0.00%
Compliant	Concentration	Issuer Concentration Except for Agency, Repo, FDIC	5.00%	1.75%
Compliant	Concentration	Max Concentration of Corps (%)	30.00%	23.01%
Compliant	Concentration	Max Concentration of Funds Assets	10.00%	0.29%
Compliant	Concentration	Max Concentration of MBS and ABS	20.00%	4.02%
Compliant	Concentration	Max Concentration of MMF	20.00%	2.83%
Compliant	Concentration	Max Concentration of Munis (%)	30.00%	0.00%
Compliant	Concentration	Max Concentration of Supranationals	20.00%	1.10%
Compliant	Concentration	Max Issuer Concentration of Corporate Bonds (%)	5.00%	2.00%
Compliant	Concentration	Max Issuer Concentration of Supranationals	10.00%	1.10%
Compliant	Concentration	Minimum Credit Rating for MBS of AAA	0.00%	0.00%
Compliant	Concentration	Minimum Issue Size for CD's - In Billions	10	1000000.000
Compliant	Concentration	Minimum Issue Size for CP's - In Millions	500	---
Compliant	Concentration	Minimum Rating for Supranational Securities AA	0.00%	0
Compliant	Concentration	Munis Rated Below A/A2	0.00%	0
Compliant	Concentration	Repos	10.00%	0
Compliant	Concentration	Supranational is in USD	0.00%	0
Compliant	Maturity	Max Effective Maturity for Repos (in Years)	0.08	---
Compliant	Maturity	Max Final Maturity (from Settle) for Munis	5.00	---
Compliant	Maturity	Max Final Maturity for CP (in Years)	0.74	---
Compliant	Maturity	Max Final Maturity From Settle Date (in Years)	5.00	4.986
Compliant	Maturity	Max Final Maturity From Settle for Corp Excl CD	5.00	4.077
Compliant	Maturity	Max Maturity CD	2.00	2.000
Compliant	Maturity	Max Maturity of Bankers Acceptances	0.49	---

**I verify that this investment portfolio is in conformity with California laws and the City's Investment Policy.**

**/S/ Dan Matusiewicz**  
**Dan Matusiewicz**  
**Finance Director**



Other Short-Term Securities Financials  
for the Month Ended

**September 30, 2016**

	Other Short-term Securities	
<b>Balance Sheet</b>	<b>08/31/2016</b>	<b>09/30/2016</b>
Book Value	10,123,554.08	7,837,208.87
Accrued Balance	44,596.15	12,665.25
<b>Book Value + Accrued</b>	<b>10,168,150.22</b>	<b>7,849,874.12</b>
Net Unrealized Gain/Loss	1,653.81	70.17
<b>Market Value + Accrued</b>	<b>10,169,804.04</b>	<b>7,849,944.29</b>
	Other Short-term Securities	
<b>Income Statement</b>	<b>Begin Date</b>	<b>09/01/2016</b>
	<b>End Date</b>	<b>09/30/2016</b>
<b>Net Amortization/Accretion Income</b>		<b>(1,749.49)</b>
Interest Income	6,347.20	
Dividend Income	0.00	
Misc Income	0.00	
<b>Income Subtotal</b>		<b>6,347.20</b>
Net Realized Gain/Loss	0.00	
Net Holding Gain/Loss	(1,583.65)	
Impairment Loss	0.00	
<b>Net Gain/Loss</b>		<b>(1,583.65)</b>
Expense	0.00	
<b>Net Income</b>		<b>3,014.06</b>
Transfers In/Out		(2,322,873.81)
Change in Unrealized Gain/Loss		0.00

# GAAP GL Balance Sheet by Lot (Other Short-term Securities)

As of 09/30/2016

## CE

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
CE CNB-Chandler Short-Term	38141W315 Goldman:FS Trs O;FST Adm	4,438,276.56 4,438,276.56	USD MMFUND	CE ---	--- ---	--- 0.00	4,438,276.56 0.00	4,438,276.56
<b>CE CNB-Chandler Short-Term</b>	<b>38141W315 Goldman:FS Trs O;FST Adm</b>	<b>4,438,276.56 4,438,276.56</b>	<b>USD MMFUND</b>	<b>CE ---</b>	<b>--- ---</b>	<b>--- 0.00</b>	<b>4,438,276.56 0.00</b>	<b>4,438,276.56</b>

## Receivable

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
Receivable CNB-Chandler Short-Term	CCYUSD Receivable	2.48 2.48	USD CASH	RCV ---	--- ---	--- 0.00	2.48 0.00	2.48
<b>Receivable CNB-Chandler Short-Term</b>	<b>CCYUSD Receivable</b>	<b>2.48 2.48</b>	<b>USD CASH</b>	<b>RCV ---</b>	<b>--- ---</b>	<b>--- 0.00</b>	<b>2.48 0.00</b>	<b>2.48</b>

## ST

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
ST CNB-Chandler Short-Term	313396J38 FEDERAL HOME LOAN MORTGAGE CORP	2,100,000.00 2,100,000.00	USD AGCY DISC	ST 12/21/2015	12/22/2015 10/03/2016	10/03/2016 0.00	2,099,929.83 70.17	2,100,000.00
ST CNB-Chandler Short-Term	458140AH3 INTEL CORP	1,299,000.00 1,299,000.00	USD CORP	ST 12/21/2015	12/22/2015 10/01/2016	10/01/2016 12,665.25	1,299,000.00 0.00	1,299,000.00
<b>ST CNB-Chandler Short-Term</b>	<b>---</b>	<b>3,399,000.00 3,399,000.00</b>	<b>USD ---</b>	<b>ST 12/21/2015</b>	<b>12/22/2015 ---</b>	<b>--- 12,665.25</b>	<b>3,398,929.83 70.17</b>	<b>3,399,000.00</b>

## Summary

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
---	---	7,837,279.04	USD	---	---	---	7,837,208.87	7,837,279.04
<b>CNB-Chandler Short-Term</b>	<b>---</b>	<b>7,837,279.04</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>12,665.25</b>	<b>70.17</b>	

\* Grouped by: General Ledger Grouping. \* Groups Sorted by: General Ledger Grouping.



# GAAP Trading Activity (Other Short-term Securities)

09/01/2016 - 09/30/2016

\* Does not Lock Down.

Account	Identifier	Description	Current Units	Currency	Transaction Type	Trade Date	Settle Date	Final Maturity	Price	Principal	Accrued Interest	Amount
CNB-Chandler Short-Term	191216AU4	COCA-COLA CO	-1,140,000.00	USD	Maturity	09/01/2016	09/01/2016	09/01/2016	100.00	-1,140,000.00	0.00	1,140,000.00
CNB-Chandler Short-Term	3135G0CM3	FEDERAL NATIONAL MORTGAGE ASSOCIATION	-3,575,000.00	USD	Maturity	09/28/2016	09/28/2016	09/28/2016	100.00	-3,575,000.00	0.00	3,575,000.00
CNB-Chandler Short-Term	38141W315	Goldman:FS Trs O;FST Adm	6,578,275.63	USD	Buy	---	---	09/30/2016	1.00	6,578,275.63	0.00	-6,578,275.63
CNB-Chandler Short-Term	38141W315	Goldman:FS Trs O;FST Adm	-2,322,872.88	USD	Sell	09/02/2016	09/02/2016	09/30/2016	1.00	-2,322,872.88	0.00	2,322,872.88
CNB-Chandler Short-Term	88579YAD3	3M CO	-825,000.00	USD	Maturity	09/29/2016	09/29/2016	09/29/2016	100.00	-825,000.00	0.00	825,000.00
CNB-Chandler Short-Term	89233GJ15	Toyota Motor Credit Corporation	-1,000,000.00	USD	Maturity	09/01/2016	09/01/2016	09/01/2016	100.00	-1,000,000.00	0.00	1,000,000.00
<b>CNB-Chandler Short-Term</b>	<b>---</b>	<b>---</b>	<b>-2,284,597.25</b>	<b>USD</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>-2,284,597.25</b>	<b>0.00</b>	<b>2,284,597.25</b>

\* Showing transactions with Trade Date within selected date range. \* MMF transactions are collapsed.

\* The Transaction Detail/Trading Activity reports provide our most up-to-date transactional details. As such, these reports are subject to change even after the other reports on the website have been locked down. While these reports can be useful tools in understanding recent activity, due to their dynamic nature we do not recommend using them for booking journal entries or reconciliation.

CITY OF

## Newport Beach



**Medium-Term Investment Portfolio Financials**  
for the Month Ended

**September 30, 2016**

	Medium-Term Investment		Chandler		PFM	
	08/31/2016	09/30/2016	08/31/2016	09/30/2016	08/31/2016	09/30/2016
<b>Balance Sheet</b>						
Book Value	170,942,708.50	171,149,162.90	85,229,002.42	85,356,680.05	85,713,706.08	85,792,482.85
Accrued Balance	526,136.88	491,040.24	291,571.91	250,524.90	234,564.97	240,515.35
<b>Book Value + Accrued</b>	<b>171,468,845.38</b>	<b>171,640,203.14</b>	<b>85,520,574.33</b>	<b>85,607,204.95</b>	<b>85,948,271.05</b>	<b>86,032,998.19</b>
Net Unrealized Gain/Loss	506,156.05	532,113.36	331,696.20	329,455.46	174,459.85	202,657.89
<b>Market Value + Accrued</b>	<b>171,975,001.43</b>	<b>172,172,316.50</b>	<b>85,852,270.54</b>	<b>85,936,660.41</b>	<b>86,122,730.90</b>	<b>86,235,656.09</b>
	Medium-Term Investment		Chandler		PFM	
	Begin Date	09/01/2016	Begin Date	09/01/2016	Begin Date	09/01/2016
	End Date	09/30/2016	End Date	09/30/2016	End Date	09/30/2016
<b>Net Amortization/Accretion Income</b>		(14,217.54)		(6,452.20)		(7,765.34)
Interest Income	174,664.96		87,427.19		87,237.78	
Dividend Income	0.00		0.00		0.00	
Misc Income	0.00		0.00		0.00	
<b>Income Subtotal</b>		<b>174,664.96</b>		<b>87,427.19</b>		<b>87,237.78</b>
Net Realized Gain/Loss	10,910.34		5,655.63		5,254.71	
Net Holding Gain/Loss	25,957.31		(2,240.74)		28,198.05	
Impairment Loss	0.00		0.00		0.00	
<b>Net Gain/Loss</b>		<b>36,867.65</b>		<b>3,414.89</b>		<b>33,452.76</b>
Expense	0.00		0.00		0.00	
<b>Net Income</b>		<b>197,315.07</b>		<b>84,389.88</b>		<b>112,925.19</b>
Transfers In/Out		0.00		0.00		0.00
Change in Unrealized Gain/Loss		0.00		0.00		0.00

# GAAP GL Balance Sheet by Lot (Medium-term Portfolio)

As of 09/30/2016

## CE

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
CE CNB-Chandler	60934N104 FEDR GOV OBLIGATIONS CL IS MMF	560,074.97 560,074.97	USD MMFUND	CE ---	--- ---	--- 0.00	560,074.97 0.00	560,074.97
CE CNB-PFM	60934N104 FEDR GOV OBLIGATIONS CL IS MMF	93,078.60 93,078.60	USD MMFUND	CE ---	--- ---	--- 0.00	93,078.60 0.00	93,078.60
CE CNB-Chandler	CCYUSD Receivable	74.13 74.13	USD CASH	RCV ---	--- ---	--- 0.00	74.13 0.00	74.13
CE CNB-PFM	CCYUSD Receivable	16.92 16.92	USD CASH	RCV ---	--- ---	--- 0.00	16.92 0.00	16.92
<b>CE</b> ---	---	<b>653,244.62</b> <b>653,244.62</b>	<b>USD</b> ---	---	---	---	<b>653,244.62</b> <b>0.00</b>	<b>653,244.62</b>

## MS

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
MS CNB-Chandler	009158AS5 AIR PRODUCTS AND CHEMICALS INC	700,000.00 700,000.00	USD CORP	LT 03/03/2015	03/06/2015 10/15/2017	10/15/2017 3,873.33	699,418.41 1,120.59	700,539.00
MS CNB-PFM	0258MODZ9 AMERICAN EXPRESS CREDIT CORP	1,000,000.00 1,000,000.00	USD CORP	LT 10/29/2015	11/05/2015 11/05/2018	11/05/2018 7,604.17	999,936.63 8,233.37	1,008,170.00
MS CNB-Chandler	02665WAC5 AMERICAN HONDA FINANCE CORP	425,000.00 425,000.00	USD CORP	LT 09/09/2014	09/12/2014 10/10/2018	10/10/2018 4,289.84	426,595.85 6,011.65	432,607.50
MS CNB-PFM	02665WAF8 AMERICAN HONDA FINANCE CORP	235,000.00 235,000.00	USD CORP	ST 07/08/2014	07/15/2014 07/14/2017	07/14/2017 603.17	234,912.02 -116.47	234,795.55
MS CNB-Chandler	02665WAQ4 AMERICAN HONDA FINANCE CORP	650,000.00 650,000.00	USD CORP	LT 12/08/2014	12/11/2014 12/11/2017	12/11/2017 3,078.47	649,756.08 3,428.92	653,185.00
MS CNB-PFM	02665WAT8 AMERICAN HONDA FINANCE CORP	810,000.00 810,000.00	USD CORP	LT 03/10/2015	03/13/2015 03/13/2018	03/13/2018 607.50	809,469.09 3,860.01	813,329.10
MS CNB-Chandler	037833BQ2 APPLE INC	1,060,000.00 1,060,000.00	USD CORP	LT 02/16/2016	02/23/2016 02/22/2019	02/22/2019 1,902.11	1,059,855.35 12,154.45	1,072,009.80
MS CNB-PFM	05574BFW5 BMO Harris Bank National Association	2,100,000.00 2,100,000.00	USD CD	ST 10/22/2015	10/23/2015 04/24/2017	04/24/2017 20,066.67	2,100,000.00 0.00	2,100,000.00
MS CNB-PFM	064058AA8 BANK OF NEW YORK MELLON CORP	1,000,000.00 1,000,000.00	USD CORP	ST 05/29/2014	06/02/2014 06/20/2017	06/20/2017 5,524.14	1,006,490.48 -1,470.48	1,005,020.00
MS CNB-Chandler	06406HCW7 BANK OF NEW YORK MELLON CORP	1,000,000.00 1,000,000.00	USD CORP	LT 03/03/2016	03/08/2016 08/11/2019	09/11/2019 1,277.78	1,008,335.13 15,384.87	1,023,720.00
MS CNB-PFM	06406HDB2 BANK OF NEW YORK MELLON CORP	1,550,000.00 1,550,000.00	USD CORP	LT 05/22/2015	05/29/2015 05/22/2018	05/22/2018 8,886.67	1,549,921.36 9,316.64	1,559,238.00
MS CNB-PFM	06417GAS7 Bank of Nova Scotia, The	1,300,000.00 1,300,000.00	USD CD	LT 11/06/2015	11/09/2015 05/06/2016	11/06/2017 8,168.33	1,300,000.00 0.00	1,300,000.00
MS CNB-Chandler	06417GPZ5 Bank of Nova Scotia, The	1,700,000.00 1,700,000.00	USD CD	ST 09/29/2016	09/30/2016 06/26/2017	06/26/2017 59.50	1,700,000.00 0.00	1,700,000.00
MS CNB-Chandler	084664BS9 BERKSHIRE HATHAWAY FINANCE CORP	325,000.00 325,000.00	USD CORP	ST 11/26/2013	11/27/2013 05/15/2017	05/15/2017 1,964.44	325,849.73 258.52	326,108.25
MS CNB-PFM	084664CG4 BERKSHIRE HATHAWAY FINANCE CORP	320,000.00 320,000.00	USD CORP	LT 03/08/2016	03/15/2016 03/15/2019	03/15/2019 241.78	319,800.00 3,137.60	322,937.60
MS CNB-Chandler	084664CK5 BERKSHIRE HATHAWAY FINANCE CORP	850,000.00 850,000.00	USD CORP	LT 08/22/2016	08/25/2016 08/15/2019	08/15/2019 1,411.94	852,128.40 -691.90	851,436.50
MS CNB-PFM	084664CK5 BERKSHIRE HATHAWAY FINANCE CORP	365,000.00 365,000.00	USD CORP	LT 08/08/2016	08/15/2016 08/15/2019	08/15/2019 606.31	364,660.77 956.08	365,616.85
MS CNB-PFM	13606JYY9 Canadian Imperial Bank of Commerce	1,950,000.00 1,950,000.00	USD CD	ST 04/06/2015	04/10/2015 04/06/2017	04/06/2017 9,573.96	1,950,000.00 0.00	1,950,000.00
MS CNB-Chandler	161571GC2 CHAIT 138 A	670,000.00 670,000.00	USD ABS	LT 09/03/2015	09/04/2015 10/17/2016	10/15/2018 300.76	670,036.54 24.30	670,060.84
MS CNB-PFM	166764AL4 CHEVRON CORP	530,000.00 530,000.00	USD CORP	LT 11/18/2014	11/18/2014 11/15/2017	11/15/2017 2,692.99	530,000.00 1,086.50	531,086.50
MS CNB-Chandler	166764AV2 CHEVRON CORP	860,000.00 860,000.00	USD CORP	LT 02/24/2015	03/03/2015 03/02/2018	03/02/2018 945.64	860,000.00 1,513.60	861,513.60
MS CNB-Chandler	166764AV2 CHEVRON CORP	84,000.00 84,000.00	USD CORP	LT 12/09/2015	12/14/2015 03/02/2018	03/02/2018 92.36	83,942.43 205.41	84,147.84

# GAAP GL Balance Sheet by Lot (Medium-term Portfolio)

As of 09/30/2016

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
MS CNB-PFM	166764AV2 CHEVRON CORP	1,195,000.00 1,195,000.00	USD CORP	LT 06/15/2015	06/18/2015 03/02/2018	03/02/2018 1,314.00	1,193,060.54 4,042.66	1,197,103.20
MS CNB-PFM	17275RAU6 CISCO SYSTEMS INC	1,670,000.00 1,670,000.00	USD CORP	LT 06/10/2015	06/17/2015 06/15/2018	06/15/2018 8,113.42	1,669,836.33 13,874.37	1,683,710.70
MS CNB-Chandler	17275RBG6 CISCO SYSTEMS INC	800,000.00 800,000.00	USD CORP	LT 09/20/2016	09/23/2016 09/20/2019	09/20/2019 342.22	800,833.91 -137.91	800,696.00
MS CNB-PFM	17275RBG6 CISCO SYSTEMS INC	425,000.00 425,000.00	USD CORP	LT 09/13/2016	09/20/2016 09/20/2019	09/20/2019 181.81	424,532.94 836.81	425,369.75
MS CNB-Chandler	24422ESB6 JOHN DEERE CAPITAL CORP	650,000.00 650,000.00	USD CORP	LT 01/29/2015	02/03/2015 03/12/2018	03/12/2018 445.97	649,973.56 923.44	650,897.00
MS CNB-Chandler	24422ESB6 JOHN DEERE CAPITAL CORP	365,000.00 365,000.00	USD CORP	LT 12/03/2014	12/08/2014 03/12/2018	03/12/2018 250.43	363,698.42 1,805.28	365,503.70
MS CNB-PFM	24422ETA7 JOHN DEERE CAPITAL CORP	1,350,000.00 1,350,000.00	USD CORP	LT 09/08/2015	09/11/2015 08/10/2018	08/10/2018 3,346.88	1,349,150.99 13,228.51	1,362,379.50
MS CNB-PFM	30231GAL6 EXXON MOBIL CORP	1,505,000.00 1,505,000.00	USD CORP	LT 03/03/2015	03/06/2015 03/06/2018	03/06/2018 1,363.91	1,505,000.00 4,560.15	1,509,560.15
MS CNB-Chandler	3130A4GJ5 FEDERAL HOME LOAN BANKS	1,600,000.00 1,600,000.00	USD AGCY BOND	LT 03/30/2015	03/31/2015 04/25/2018	04/25/2018 7,800.00	1,603,038.95 4,737.05	1,607,776.00
MS CNB-PFM	3130A8BD4 FEDERAL HOME LOAN BANKS	3,370,000.00 3,370,000.00	USD AGCY BOND	LT 08/12/2016	08/15/2016 06/29/2018	06/29/2018 7,535.69	3,373,926.38 9,014.42	3,382,940.80
MS CNB-PFM	3130A8BD4 FEDERAL HOME LOAN BANKS	995,000.00 995,000.00	USD AGCY BOND	LT 08/12/2016	08/15/2016 06/29/2018	06/29/2018 2,224.93	995,973.88 2,846.92	998,820.80
MS CNB-PFM	3130A8BD4 FEDERAL HOME LOAN BANKS	2,275,000.00 2,275,000.00	USD AGCY BOND	LT 05/26/2016	05/27/2016 06/29/2018	06/29/2018 5,087.15	2,270,414.66 13,321.34	2,283,736.00
MS CNB-PFM	3130A8DB6 FEDERAL HOME LOAN BANKS	3,130,000.00 3,130,000.00	USD AGCY BOND	LT 06/02/2016	06/03/2016 06/21/2019	06/21/2019 9,781.25	3,128,821.02 14,168.48	3,142,989.50
MS CNB-PFM	3130A9AE1 FEDERAL HOME LOAN BANKS	4,315,000.00 4,315,000.00	USD AGCY BOND	LT 08/25/2016	08/26/2016 10/01/2018	10/01/2018 3,670.75	4,312,194.21 907.19	4,313,101.40
MS CNB-PFM	31315PSX8 FEDERAL AGRICULTURAL MORTGAGE CORP	3,565,000.00 3,565,000.00	USD AGCY BOND	ST 09/24/2012	09/25/2012 08/23/2017	08/23/2017 3,875.95	3,570,364.63 2,763.57	3,573,128.20
MS CNB-Chandler	313370SZ2 FEDERAL HOME LOAN BANKS	520,000.00 520,000.00	USD AGCY BOND	ST 01/04/2013	01/09/2013 09/08/2017	09/08/2017 747.50	526,586.97 531.83	527,118.80
MS CNB-Chandler	3133782M2 FEDERAL HOME LOAN BANKS	1,700,000.00 1,700,000.00	USD AGCY BOND	LT 02/09/2016	02/10/2016 03/08/2019	03/08/2019 1,629.17	1,720,819.46 1,399.54	1,722,219.00
MS CNB-Chandler	3133786Q9 FEDERAL HOME LOAN BANKS	1,000,000.00 1,000,000.00	USD AGCY BOND	ST 10/17/2012	10/18/2012 02/13/2017	02/13/2017 1,333.33	1,000,913.36 1,396.64	1,002,310.00
MS CNB-Chandler	313379EE5 FEDERAL HOME LOAN BANKS	1,750,000.00 1,750,000.00	USD AGCY BOND	LT 06/23/2016	06/24/2016 06/14/2019	06/14/2019 8,452.26	1,778,641.02 -956.02	1,777,685.00
MS CNB-Chandler	313379FW4 FEDERAL HOME LOAN BANKS	550,000.00 550,000.00	USD AGCY BOND	ST 09/14/2012	09/17/2012 06/09/2017	06/09/2017 1,711.11	550,688.81 763.19	551,452.00
MS CNB-Chandler	313381C94 FEDERAL HOME LOAN BANKS	1,300,000.00 1,300,000.00	USD AGCY BOND	LT 07/18/2016	07/19/2016 12/13/2019	12/13/2019 4,875.00	1,307,408.16 -2,260.16	1,305,148.00
MS CNB-Chandler	3133EAY28 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,000,000.00 1,000,000.00	USD AGCY BOND	ST 10/17/2012	10/18/2012 09/21/2017	09/21/2017 230.56	999,695.97 834.03	1,000,530.00
MS CNB-Chandler	3133EAY28 FEDERAL FARM CREDIT BANKS FUNDING CORP	690,000.00 690,000.00	USD AGCY BOND	ST 09/21/2012	09/26/2012 09/21/2017	09/21/2017 159.08	690,120.37 245.33	690,365.70
MS CNB-Chandler	3133EDDV1 FEDERAL FARM CREDIT BANKS FUNDING CORP	600,000.00 600,000.00	USD AGCY BOND	LT 01/29/2015	01/30/2015 10/23/2017	10/23/2017 3,054.67	601,830.68 1,139.32	602,970.00
MS CNB-Chandler	3133EEFE5 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,600,000.00 1,600,000.00	USD AGCY BOND	LT 01/30/2015	01/30/2015 12/18/2017	12/18/2017 5,150.00	1,605,295.08 1,648.92	1,606,944.00
MS CNB-Chandler	3133EEHY9 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,225,000.00 1,225,000.00	USD AGCY BOND	ST 02/20/2015	02/23/2015 01/13/2017	01/13/2017 1,857.92	1,224,976.25 930.25	1,225,906.50
MS CNB-Chandler	3133EEQM5 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,700,000.00 1,700,000.00	USD AGCY BOND	LT 08/28/2015	08/31/2015 02/20/2018	02/20/2018 2,149.08	1,703,883.75 2,119.25	1,706,103.00
MS CNB-Chandler	3133EFPJ0 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,000,000.00 1,000,000.00	USD AGCY BOND	LT 03/03/2016	03/04/2016 11/19/2018	11/19/2018 4,730.00	1,004,719.18 2,210.82	1,006,930.00
MS CNB-Chandler	3133EFW52 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,700,000.00 1,700,000.00	USD AGCY BOND	LT 04/26/2016	04/28/2016 07/01/2019	07/01/2019 4,887.50	1,700,115.10 5,902.90	1,706,018.00
MS CNB-Chandler	3135G0E33 FEDERAL NATIONAL MORTGAGE ASSOCIATION	650,000.00 650,000.00	USD AGCY BOND	LT 06/18/2015	06/22/2015 07/20/2018	07/20/2018 1,442.19	649,398.75 3,857.75	653,256.50
MS CNB-Chandler	3135G0E33 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,050,000.00 1,050,000.00	USD AGCY BOND	LT 06/04/2015	06/08/2015 07/20/2018	07/20/2018 2,329.69	1,048,879.03 6,381.47	1,055,260.50

# GAAP GL Balance Sheet by Lot (Medium-term Portfolio)

As of 09/30/2016

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
MS CNB-Chandler	3135G0E58 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,135,000.00 1,135,000.00	USD AGCY BOND	LT 08/27/2015	09/01/2015 10/19/2018	10/19/2018 5,745.94	1,133,787.53 7,091.77	1,140,879.30
MS CNB-PFM	3135G0G72 FEDERAL NATIONAL MORTGAGE ASSOCIATION	4,000,000.00 4,000,000.00	USD AGCY BOND	LT 03/02/2016	03/04/2016 12/14/2018	12/14/2018 13,375.00	4,003,669.51 15,530.49	4,019,200.00
MS CNB-Chandler	3135G0G72 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,765,000.00 1,765,000.00	USD AGCY BOND	LT 10/30/2015	11/03/2015 12/14/2018	12/14/2018 5,901.72	1,763,126.90 10,345.10	1,773,472.00
MS CNB-PFM	3135G0J53 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,500,000.00 1,500,000.00	USD AGCY BOND	LT 02/19/2016	02/23/2016 02/26/2019	02/26/2019 1,458.33	1,497,164.07 4,965.93	1,502,130.00
MS CNB-PFM	3135G0J53 FEDERAL NATIONAL MORTGAGE ASSOCIATION	2,005,000.00 2,005,000.00	USD AGCY BOND	LT 05/03/2016	05/06/2016 02/26/2019	02/26/2019 1,949.31	2,006,589.09 1,258.01	2,007,847.10
MS CNB-PFM	3135G0J53 FEDERAL NATIONAL MORTGAGE ASSOCIATION	6,000,000.00 6,000,000.00	USD AGCY BOND	LT 06/27/2016	06/29/2016 02/26/2019	02/26/2019 5,833.33	6,030,727.81 -22,207.81	6,008,520.00
MS CNB-PFM	3135G0N33 FEDERAL NATIONAL MORTGAGE ASSOCIATION	2,400,000.00 2,400,000.00	USD AGCY BOND	LT 07/29/2016	08/02/2016 08/02/2019	08/02/2019 3,441.67	2,396,184.59 -5,520.59	2,390,664.00
MS CNB-Chandler	3135G0N33 FEDERAL NATIONAL MORTGAGE ASSOCIATION	675,000.00 675,000.00	USD AGCY BOND	LT 07/29/2016	08/02/2016 08/02/2019	08/02/2019 967.97	673,926.92 -1,552.67	672,374.25
MS CNB-PFM	3135G0P49 FEDERAL NATIONAL MORTGAGE ASSOCIATION	3,000,000.00 3,000,000.00	USD AGCY BOND	LT 09/01/2016	09/02/2016 08/28/2019	08/28/2019 2,416.67	2,992,799.62 5,820.38	2,998,620.00
MS CNB-Chandler	3135G0PP2 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,000,000.00 1,000,000.00	USD AGCY BOND	ST 10/18/2012	10/19/2012 09/20/2017	09/20/2017 305.56	1,000,000.00 2,590.00	1,002,590.00
MS CNB-Chandler	3135G0PP2 FEDERAL NATIONAL MORTGAGE ASSOCIATION	250,000.00 250,000.00	USD AGCY BOND	ST 12/06/2012	12/07/2012 09/20/2017	09/20/2017 76.39	250,000.00 647.50	250,647.50
MS CNB-Chandler	3135G0TG8 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,225,000.00 1,225,000.00	USD AGCY BOND	LT 01/15/2015	01/16/2015 02/08/2018	02/08/2018 1,578.04	1,224,438.56 2,202.94	1,226,641.50
MS CNB-Chandler	3135G0VM2 FEDERAL NATIONAL MORTGAGE ASSOCIATION	3,500,000.00 3,500,000.00	USD AGCY BOND	ST 04/11/2013	04/16/2013 03/14/2017	03/14/2017 1,239.58	3,500,000.00 4,410.00	3,504,410.00
MS CNB-Chandler	3135G0YT4 FEDERAL NATIONAL MORTGAGE ASSOCIATION	475,000.00 475,000.00	USD AGCY BOND	LT 10/30/2014	10/31/2014 11/27/2018	11/27/2018 2,658.68	476,425.65 6,245.60	482,671.25
MS CNB-Chandler	3135G0YT4 FEDERAL NATIONAL MORTGAGE ASSOCIATION	465,000.00 465,000.00	USD AGCY BOND	LT 09/29/2014	09/30/2014 11/27/2018	11/27/2018 2,602.71	464,766.68 7,743.07	472,509.75
MS CNB-PFM	3137EADG1 FREDDIE MAC	275,000.00 275,000.00	USD AGCY BOND	LT 05/13/2016	05/16/2016 05/30/2019	05/30/2019 1,617.53	280,504.48 237.52	280,742.00
MS CNB-Chandler	3137EADK2 FEDERAL HOME LOAN MORTGAGE CORP	1,600,000.00 1,600,000.00	USD AGCY BOND	LT 04/28/2015	04/29/2015 08/01/2019	08/01/2019 3,333.33	1,595,757.01 15,858.99	1,611,616.00
MS CNB-Chandler	3137EADK2 FEDERAL HOME LOAN MORTGAGE CORP	100,000.00 100,000.00	USD AGCY BOND	LT 06/18/2015	06/19/2015 08/01/2019	08/01/2019 208.33	99,129.46 1,596.54	100,726.00
MS CNB-Chandler	3137EADM8 FREDDIE MAC	1,700,000.00 1,700,000.00	USD AGCY BOND	LT 10/22/2016	02/23/2016 10/02/2019	10/02/2019 10,565.97	1,702,531.71 9,470.29	1,712,002.00
MS CNB-Chandler	3137EADS5 FREDDIE MAC	1,000,000.00 1,000,000.00	USD AGCY BOND	ST 10/29/2013	10/30/2013 10/14/2016	10/14/2016 4,059.03	1,000,079.11 90.89	1,000,170.00
MS CNB-Chandler	3137EADT3 FREDDIE MAC	825,000.00 825,000.00	USD AGCY BOND	ST 02/24/2014	02/27/2014 02/22/2017	02/22/2017 782.03	825,330.50 981.25	826,311.75
MS CNB-Chandler	3137EADZ9 FEDERAL HOME LOAN MORTGAGE CORP	1,700,000.00 1,700,000.00	USD AGCY BOND	LT 03/18/2016	03/21/2016 04/15/2019	04/15/2019 10,093.75	1,699,537.43 8,010.57	1,707,548.00
MS CNB-PFM	3137EADZ9 FEDERAL HOME LOAN MORTGAGE CORP	1,525,000.00 1,525,000.00	USD AGCY BOND	LT 06/01/2016	06/02/2016 04/15/2019	04/15/2019 9,054.69	1,524,912.74 6,858.26	1,531,771.00
MS CNB-PFM	3137EAEB1 FEDERAL HOME LOAN MORTGAGE CORP	950,000.00 950,000.00	USD AGCY BOND	LT 07/19/2016	07/20/2016 07/19/2019	07/19/2019 1,639.41	947,851.31 -1,166.81	946,684.50
MS CNB-PFM	3137EAD7 FEDERAL HOME LOAN MORTGAGE CORP	815,000.00 815,000.00	USD AGCY BOND	LT 09/15/2016	09/16/2016 10/12/2018	10/12/2018 297.14	814,656.55 98.95	814,755.50
MS CNB-PFM	36962G6W9 GENERAL ELECTRIC CO	1,080,000.00 1,080,000.00	USD CORP	LT 06/15/2015	06/18/2015 04/02/2018	04/02/2018 8,726.25	1,082,864.44 8,162.36	1,091,026.80
MS CNB-PFM	36962G6W9 GENERAL ELECTRIC CO	1,000,000.00 1,000,000.00	USD CORP	LT 07/01/2015	07/07/2015 04/02/2018	04/02/2018 8,079.86	1,001,611.80 8,598.20	1,010,210.00
MS CNB-Chandler	36962GY40 GENERAL ELECTRIC CAPITAL CORPORATION	1,000,000.00 1,000,000.00	USD CORP	ST 01/15/2013	01/18/2013 10/20/2016	10/20/2016 24,038.19	1,002,096.57 -316.57	1,001,780.00
MS CNB-PFM	40428AR41 HSBC BANK USA	2,095,000.00 2,095,000.00	USD CD	LT 11/17/2015	11/18/2015 11/17/2017	11/17/2017 2,498.29	2,095,000.00 0.00	2,095,000.00
MS CNB-Chandler	43813JAC9 HAROT 141 A3	525,000.00 131,107.51	USD ABS	LT 01/22/2015	01/27/2015 02/21/2017	11/21/2017 24.40	131,044.61 -127.30	130,917.30
MS CNB-Chandler	43813NAC0 HAROT 152 A3	960,000.00 960,000.00	USD ABS	LT 05/13/2015	05/20/2015 06/21/2018	02/21/2019 277.33	959,945.50 422.57	960,368.06

# GAAP GL Balance Sheet by Lot (Medium-term Portfolio)

As of 09/30/2016

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
MS CNB-Chandler	43814GAC4 HAROT 142 A3	395,000.00 164,515.92	USD ABS	LT 05/13/2014	05/21/2014 08/18/2017	03/19/2018 45.74	164,512.50 -92.97	164,419.53
MS CNB-Chandler	43814HAC2 HAROT 143 A3	390,000.00 218,165.69	USD ABS	LT 08/12/2014	08/20/2014 09/15/2017	06/15/2018 85.33	218,157.21 -52.85	218,104.37
MS CNB-PFM	44930UAD8 HART 16A A3	250,000.00 250,000.00	USD ABS	LT 03/22/2016	03/30/2016 08/15/2019	09/15/2020 173.33	249,960.48 1,774.52	251,735.00
MS CNB-Chandler	458140AH3 INTEL CORP	625,000.00 625,000.00	USD CORP	ST 03/22/2013	03/27/2013 10/01/2016	10/01/2016 6,093.75	625,000.00 0.00	625,000.00
MS CNB-Chandler	459058ER0 INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOP	1,970,000.00 1,970,000.00	USD SOVEREIGN GOV	LT 09/30/2015	10/07/2015 10/05/2018	10/05/2018 9,631.11	1,967,739.16 5,097.64	1,972,836.80
MS CNB-Chandler	459200HZ7 INTERNATIONAL BUSINESS MACHINES CORP	1,035,000.00 1,035,000.00	USD CORP	LT 02/03/2015	02/06/2015 02/06/2018	02/06/2018 1,778.91	1,033,567.73 1,297.72	1,034,865.45
MS CNB-PFM	459200HZ7 INTERNATIONAL BUSINESS MACHINES CORP	1,825,000.00 1,825,000.00	USD CORP	LT 02/03/2015	02/06/2015 02/06/2018	02/06/2018 3,136.72	1,822,474.50 2,288.25	1,824,762.75
MS CNB-PFM	46623EKD0 JPMORGAN CHASE & CO	1,635,000.00 1,635,000.00	USD CORP	LT 02/25/2015	03/02/2015 03/01/2018	03/01/2018 2,316.25	1,634,796.19 5,174.21	1,639,970.40
MS CNB-Chandler	477877AD6 JDOT 14B A3	445,000.00 328,798.68	USD ABS	LT 08/26/2014	09/03/2014 01/15/2018	11/15/2018 156.36	328,781.02 156.41	328,937.43
MS CNB-Chandler	477877AD6 JDOT 14B A3	490,000.00 362,047.98	USD ABS	LT 12/03/2014	12/08/2014 01/15/2018	11/15/2018 172.17	362,016.83 183.94	362,200.77
MS CNB-Chandler	47787VAC5 JDOT 14 A3	565,000.00 229,268.32	USD ABS	LT 04/02/2014	04/09/2014 08/15/2017	04/16/2018 93.75	229,262.16 -126.71	229,135.46
MS CNB-Chandler	47788MAB6 JDOT 16 A2	940,000.00 940,000.00	USD ABS	LT 02/23/2016	03/02/2016 10/15/2017	10/15/2018 480.44	939,998.78 995.27	940,994.05
MS CNB-Chandler	47788NAB4 JDOT 16B A2	770,000.00 770,000.00	USD ABS	LT 07/19/2016	07/27/2016 01/15/2018	02/15/2019 373.02	769,962.09 -30.85	769,931.24
MS CNB-Chandler	594918BF0 MICROSOFT CORP	485,000.00 485,000.00	USD CORP	LT 11/02/2015	11/03/2015 11/03/2018	11/03/2018 2,592.06	484,660.17 2,706.63	487,366.80
MS CNB-Chandler	594918BN3 MICROSOFT CORP	1,000,000.00 1,000,000.00	USD CORP	LT 08/01/2016	08/08/2016 08/08/2019	08/08/2019 1,619.44	999,019.67 -2,209.67	996,810.00
MS CNB-PFM	65478VAD9 NAROT 16B A3	185,000.00 185,000.00	USD ABS	LT 04/18/2016	04/27/2016 12/15/2019	01/15/2021 108.53	184,975.86 764.08	185,739.94
MS CNB-Chandler	65478WAB1 NAROT 16C A2A	540,000.00 540,000.00	USD ABS	LT 08/02/2016	08/10/2016 05/15/2018	05/15/2019 256.80	539,981.27 -338.69	539,642.57
MS CNB-Chandler	68389XAN5 ORACLE CORP	500,000.00 500,000.00	USD CORP	LT 07/10/2015	07/15/2015 10/15/2017	10/15/2017 2,766.67	499,984.78 35.22	500,020.00
MS CNB-Chandler	68389XAN5 ORACLE CORP	600,000.00 600,000.00	USD CORP	LT 03/25/2014	03/28/2014 10/15/2017	10/15/2017 3,320.00	598,607.97 1,416.03	600,024.00
MS CNB-Chandler	69371RM37 PACCAR FINANCIAL CORP	500,000.00 500,000.00	USD CORP	LT 11/12/2014	11/17/2014 11/17/2017	11/17/2017 2,605.56	499,916.23 1,508.77	501,425.00
MS CNB-Chandler	69371RM45 PACCAR FINANCIAL CORP	500,000.00 500,000.00	USD CORP	LT 06/23/2015	06/26/2015 03/09/2018	03/09/2018 443.06	499,999.01 2,605.99	502,605.00
MS CNB-Chandler	69371RM45 PACCAR FINANCIAL CORP	324,000.00 324,000.00	USD CORP	LT 06/15/2015	06/16/2015 03/09/2018	03/09/2018 287.10	323,770.15 1,917.89	325,688.04
MS CNB-PFM	713448CR7 PEPSICO INC	245,000.00 245,000.00	USD CORP	LT 04/27/2015	04/30/2015 04/30/2018	04/30/2018 1,284.55	244,984.39 547.26	245,531.65
MS CNB-Chandler	747525AG8 QUALCOMM INC	430,000.00 430,000.00	USD CORP	LT 05/13/2015	05/20/2015 05/18/2018	05/18/2018 1,004.61	429,683.33 1,004.67	430,688.00
MS CNB-Chandler	747525AG8 QUALCOMM INC	825,000.00 825,000.00	USD CORP	LT 05/19/2015	05/22/2015 05/18/2018	05/18/2018 4,202.92	824,227.85 2,092.15	826,320.00
MS CNB-PFM	78009NZZ2 Royal Bank of Canada	1,260,000.00 1,260,000.00	USD CD	LT 03/11/2016	03/15/2016 03/09/2018	03/09/2018 1,309.00	1,260,000.00 0.00	1,260,000.00
MS CNB-Chandler	808513AK1 CHARLES SCHWAB CORP	105,000.00 105,000.00	USD CORP	LT 04/30/2015	05/05/2015 02/10/2018	03/10/2018 91.88	105,216.14 166.06	105,382.20
MS CNB-Chandler	808513AK1 CHARLES SCHWAB CORP	150,000.00 150,000.00	USD CORP	LT 04/27/2015	04/30/2015 02/10/2018	03/10/2018 131.25	150,449.92 96.08	150,546.00
MS CNB-Chandler	808513AK1 CHARLES SCHWAB CORP	875,000.00 875,000.00	USD CORP	LT 03/03/2015	03/10/2015 03/10/2018	03/10/2018 765.63	874,463.79 3,721.21	878,185.00
MS CNB-PFM	86958DH54 Svenska Handelsbanken AB	1,250,000.00 1,250,000.00	USD CD	ST 11/20/2015	11/24/2015 08/24/2017	08/24/2017 1,418.40	1,250,000.00 0.00	1,250,000.00
MS CNB-Chandler	89231MAC9 TAOT 14A A3	400,000.00 107,479.15	USD ABS	LT 01/21/2015	01/26/2015 03/15/2017	12/15/2017 32.00	107,437.27 -16.39	107,420.88

# GAAP GL Balance Sheet by Lot (Medium-term Portfolio)

As of 09/30/2016

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
MS CNB-Chandler	89231MAC9 TAOT 14A A3	410,000.00 110,166.13	USD ABS	LT 03/11/2014	03/19/2014 03/15/2017	12/15/2017 32.80	110,163.75 -57.35	110,106.40
MS CNB-Chandler	89231TAB6 TAOT 15C A2A	515,000.00 253,408.97	USD ABS	LT 08/18/2015	08/26/2015 02/15/2017	02/15/2018 103.62	253,405.39 -25.28	253,380.11
MS CNB-PFM	89236TCA1 TOYOTA MOTOR CREDIT CORP	415,000.00 415,000.00	USD CORP	LT 01/07/2015	01/12/2015 01/12/2018	01/12/2018 1,320.51	414,754.41 1,801.84	416,556.25
MS CNB-PFM	89236TCP8 TOYOTA MOTOR CREDIT CORP	550,000.00 550,000.00	USD CORP	LT 07/08/2015	07/13/2015 07/13/2018	07/13/2018 1,847.08	549,719.63 3,255.87	552,975.50
MS CNB-PFM	89236TCU7 TOYOTA MOTOR CREDIT CORP	380,000.00 380,000.00	USD CORP	LT 02/16/2016	02/19/2016 02/19/2019	02/19/2019 753.67	379,963.59 3,000.41	382,964.00
MS CNB-Chandler	89236TDE2 TOYOTA MOTOR CREDIT CORP	1,000,000.00 1,000,000.00	USD CORP	LT 05/17/2016	05/20/2016 05/20/2019	05/20/2019 5,094.44	998,766.88 2,493.12	1,001,260.00
MS CNB-Chandler	89236WAC2 TAOT 15A A3	760,000.00 760,000.00	USD ABS	LT 02/24/2015	03/04/2015 05/15/2018	02/15/2019 378.31	759,963.34 588.04	760,551.38
MS CNB-PFM	89237WAD9 TAOT 16C A3	250,000.00 250,000.00	USD ABS	LT 08/01/2016	08/10/2016 10/15/2019	08/17/2020 126.67	249,993.71 -448.03	249,545.67
MS CNB-Chandler	91159HHH6 U.S. BANCORP	1,050,000.00 1,050,000.00	USD CORP	LT 01/27/2016	01/27/2016 03/24/2019	04/25/2019 10,010.00	1,057,378.46 14,167.54	1,071,546.00
MS CNB-PFM	912828D23 UNITED STATES TREASURY	2,000,000.00 2,000,000.00	USD US GOV	LT 07/06/2016	07/08/2016 04/30/2019	04/30/2019 13,600.54	2,048,730.97 -9,970.97	2,038,760.00
MS CNB-Chandler	912828J50 UNITED STATES TREASURY	1,200,000.00 1,200,000.00	USD US GOV	LT 02/12/2016	02/16/2016 02/29/2020	02/29/2020 1,412.98	1,212,696.14 3,011.86	1,215,708.00
MS CNB-Chandler	912828K82 UNITED STATES TREASURY	1,700,000.00 1,700,000.00	USD US GOV	LT 05/10/2016	05/11/2016 08/15/2018	08/15/2018 2,171.20	1,707,378.04 -204.04	1,707,174.00
MS CNB-PFM	912828L40 UNITED STATES TREASURY	1,335,000.00 1,335,000.00	USD US GOV	LT 12/02/2015	12/04/2015 09/15/2018	09/15/2018 590.06	1,331,096.60 9,270.10	1,340,366.70
MS CNB-PFM	912828PK0 UNITED STATES TREASURY	1,150,000.00 1,150,000.00	USD US GOV	LT 03/26/2015	03/27/2015 11/30/2017	11/30/2017 8,695.70	1,168,389.55 1,999.95	1,170,389.50
MS CNB-PFM	912828Q52 UNITED STATES TREASURY	140,000.00 140,000.00	USD US GOV	LT 05/26/2016	05/27/2016 04/15/2019	04/15/2019 565.64	139,479.72 612.68	140,092.40
MS CNB-Chandler	912828RH5 UNITED STATES TREASURY	800,000.00 800,000.00	USD US GOV	LT 08/21/2014	08/25/2014 09/30/2018	09/30/2018 30.22	798,982.60 10,049.40	809,032.00
MS CNB-Chandler	912828RH5 UNITED STATES TREASURY	450,000.00 450,000.00	USD US GOV	LT 04/28/2015	04/29/2015 09/30/2018	09/30/2018 17.00	453,030.66 2,049.84	455,080.50
MS CNB-PFM	912828RH5 UNITED STATES TREASURY	1,000,000.00 1,000,000.00	USD US GOV	LT 10/08/2015	10/14/2015 09/30/2018	09/30/2018 37.77	1,008,574.04 2,715.96	1,011,290.00
MS CNB-PFM	912828RY8 UNITED STATES TREASURY	2,680,000.00 2,680,000.00	USD US GOV	LT 01/06/2016	01/11/2016 12/31/2018	12/31/2018 9,312.64	2,685,174.66 27,494.54	2,712,669.20
MS CNB-Chandler	912828SD3 UNITED STATES TREASURY	200,000.00 200,000.00	USD US GOV	LT 10/29/2015	10/30/2015 01/31/2019	01/31/2019 421.20	200,541.43 1,404.57	201,946.00
MS CNB-Chandler	912828SD3 UNITED STATES TREASURY	1,500,000.00 1,500,000.00	USD US GOV	LT 04/29/2015	04/30/2015 01/31/2019	01/31/2019 3,158.97	1,502,575.57 12,019.43	1,514,595.00
MS CNB-Chandler	912828ST8 UNITED STATES TREASURY	600,000.00 600,000.00	USD US GOV	LT 10/29/2015	10/30/2015 04/30/2019	04/30/2019 3,138.59	600,800.41 5,361.59	606,162.00
MS CNB-Chandler	912828ST8 UNITED STATES TREASURY	1,100,000.00 1,100,000.00	USD US GOV	LT 07/31/2015	07/31/2015 04/30/2019	04/30/2019 5,754.08	1,100,363.71 10,933.29	1,111,297.00
MS CNB-Chandler	912828TG5 UNITED STATES TREASURY	300,000.00 300,000.00	USD US GOV	ST 03/30/2015	03/31/2015 07/31/2017	07/31/2017 252.72	299,505.98 212.02	299,718.00
MS CNB-Chandler	912828TG5 UNITED STATES TREASURY	1,100,000.00 1,100,000.00	USD US GOV	ST 05/07/2013	05/09/2013 07/31/2017	07/31/2017 926.63	1,099,096.49 -130.49	1,098,966.00
MS CNB-Chandler	912828TH3 UNITED STATES TREASURY	1,725,000.00 1,725,000.00	USD US GOV	LT 09/29/2015	09/30/2015 07/31/2019	07/31/2019 2,542.97	1,710,093.26 15,303.49	1,725,396.75
MS CNB-PFM	912828UA6 UNITED STATES TREASURY	1,220,000.00 1,220,000.00	USD US GOV	LT 12/01/2014	12/03/2014 11/30/2017	11/30/2017 2,562.50	1,216,487.34 2,561.06	1,219,048.40
MS CNB-Chandler	912828UA6 UNITED STATES TREASURY	700,000.00 700,000.00	USD US GOV	LT 03/30/2015	03/31/2015 11/30/2017	11/30/2017 1,470.29	698,345.10 1,108.90	699,454.00
MS CNB-Chandler	912828UA6 UNITED STATES TREASURY	560,000.00 560,000.00	USD US GOV	LT 07/02/2014	07/03/2014 11/30/2017	11/30/2017 1,176.23	556,590.66 2,972.54	559,563.20
MS CNB-Chandler	912828UA6 UNITED STATES TREASURY	150,000.00 150,000.00	USD US GOV	LT 07/31/2014	07/31/2014 11/30/2017	11/30/2017 315.06	148,957.77 925.23	149,883.00
MS CNB-Chandler	912828UB4 UNITED STATES TREASURY	1,750,000.00 1,750,000.00	USD US GOV	LT 10/29/2015	10/30/2015 11/30/2019	11/30/2019 5,881.15	1,730,189.87 23,292.63	1,753,482.50

# GAAP GL Balance Sheet by Lot (Medium-term Portfolio)

As of 09/30/2016

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
MS CNB-Chandler	912828UE8 UNITED STATES TREASURY	560,000.00 560,000.00	USD US GOV	LT 07/02/2014	07/03/2014 12/31/2017	12/31/2017 1,061.41	556,945.22 3,295.58	560,240.80
MS CNB-Chandler	912828UE8 UNITED STATES TREASURY	175,000.00 175,000.00	USD US GOV	LT 07/31/2014	07/31/2014 12/31/2017	12/31/2017 331.69	173,887.30 1,187.95	175,075.25
MS CNB-Chandler	912828UF5 UNITED STATES TREASURY	550,000.00 550,000.00	USD US GOV	LT 02/22/2016	02/23/2016 12/31/2019	12/31/2019 1,563.69	550,293.81 2,802.69	553,096.50
MS CNB-Chandler	912828UJ7 UNITED STATES TREASURY	775,000.00 775,000.00	USD US GOV	LT 08/21/2014	08/25/2014 01/31/2018	01/31/2018 1,142.49	771,731.92 4,903.33	776,635.25
MS CNB-PFM	912828UJ7 UNITED STATES TREASURY	2,025,000.00 2,025,000.00	USD US GOV	LT 11/05/2015	11/09/2015 01/31/2018	01/31/2018 2,985.22	2,023,672.72 5,600.03	2,029,272.75
MS CNB-Chandler	912828VA5 UNITED STATES TREASURY	1,725,000.00 1,725,000.00	USD US GOV	LT 12/29/2015	12/29/2015 04/30/2020	04/30/2020 8,121.09	1,692,433.90 39,914.60	1,732,348.50
MS CNB-PFM	912828VQ0 UNITED STATES TREASURY	2,115,000.00 2,115,000.00	USD US GOV	LT 04/24/2015	04/27/2015 07/31/2018	07/31/2018 4,899.56	2,131,671.50 6,212.80	2,137,884.30
MS CNB-PFM	912828XA3 UNITED STATES TREASURY	1,290,000.00 1,290,000.00	USD US GOV	LT 12/28/2015	12/30/2015 05/15/2018	05/15/2018 4,872.55	1,285,925.67 9,208.53	1,295,134.20
MS CNB-PFM	92976WBH8 WELLS FARGO BANK NA	745,000.00 745,000.00	USD CORP	LT 06/15/2015	06/18/2015 02/01/2018	02/01/2018 7,139.58	785,559.84 1,592.26	787,152.10
MS CNB-Chandler	94974BFG0 WELLS FARGO & CO	600,000.00 600,000.00	USD CORP	LT 09/09/2014	09/10/2014 01/16/2018	01/16/2018 1,875.00	598,901.73 1,860.27	600,762.00
MS CNB-Chandler	94974BFU9 WELLS FARGO & CO	500,000.00 500,000.00	USD CORP	LT 09/13/2016	09/16/2016 04/22/2019	04/22/2019 4,692.71	507,737.67 -812.67	506,925.00
<b>MS</b>	---	<b>172,533,000.00</b>	<b>USD</b>	---	---	---	<b>170,495,918.28</b>	<b>171,028,031.63</b>
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## Summary

General Ledger Grouping, Account	Identifier, Description	Original Units, Factorized Units	Currency, Security Type	BS Class, Trade Date	Settle Date, Amort Target Date	Maturity Date, Accrued Interest	Book Value, Net Unrealized Gain/Loss	Market Value
---	---	<b>173,186,244.62</b>	<b>USD</b>	---	---	---	<b>171,149,162.90</b>	<b>171,681,276.25</b>
---	---	<b>170,956,202.98</b>	---	---	---	<b>491,040.24</b>	<b>532,113.36</b>	

\* Grouped by: General Ledger Grouping. \* Groups Sorted by: General Ledger Grouping.



# GAAP Trading Activity (Medium-term Portfolio)

09/01/2016 - 09/30/2016

\* Does not Lock Down.

Account	Identifier	Description	Current Units	Currency	Transaction Type	Trade Date	Settle Date	Final Maturity	Price	Principal	Accrued Interest	Amount
CNB-Chandler	---	---	500,000.00	---	Buy	09/30/2016	10/03/2016	---	100.985	504,923.55	1,086.96	-506,010.51
CNB-Chandler	06417GPZ5	Bank of Nova Scotia, The	1,700,000.00	USD	Buy	09/29/2016	09/30/2016	06/26/2017	100.00	1,700,000.00	0.00	-1,700,000.00
CNB-PFM	17275RBG6	CISCO SYSTEMS INC	425,000.00	USD	Buy	09/13/2016	09/20/2016	09/20/2019	99.889	424,528.25	0.00	-424,528.25
CNB-Chandler	17275RBG6	CISCO SYSTEMS INC	800,000.00	USD	Buy	09/20/2016	09/23/2016	09/20/2019	100.105	800,840.00	93.33	-800,933.33
CNB-PFM	21684BXH2	Cooperatieve Rabobank U.A.	-1,250,000.00	USD	Sell	09/01/2016	09/02/2016	04/21/2017	99.842	-1,248,022.59	-4,867.01	1,252,889.60
CNB-PFM	3130A8DB6	FEDERAL HOME LOAN BANKS	-425,000.00	USD	Sell	09/13/2016	09/20/2016	06/21/2019	100.279	-426,185.75	-1,182.03	427,367.78
CNB-PFM	3135G0P49	FEDERAL NATIONAL MORTGAGE ASSOCIATION	3,000,000.00	USD	Buy	09/01/2016	09/02/2016	08/28/2019	99.754	2,992,620.00	0.00	-2,992,620.00
CNB-PFM	3135G0PQ0	FEDERAL NATIONAL MORTGAGE ASSOCIATION	-250,000.00	USD	Sell	09/01/2016	09/02/2016	10/26/2017	100.078	-250,195.00	-765.63	250,960.63
CNB-PFM	3135G0ZL0	FEDERAL NATIONAL MORTGAGE ASSOCIATION	-980,000.00	USD	Sell	09/01/2016	09/02/2016	09/27/2017	100.28	-982,744.00	-4,219.44	986,963.44
CNB-Chandler	3135G0ZL0	FEDERAL NATIONAL MORTGAGE ASSOCIATION	-730,000.00	USD	Sell	09/29/2016	09/30/2016	09/27/2017	100.332	-732,423.60	-60.83	732,484.43
CNB-PFM	3137EAED7	FEDERAL HOME LOAN MORTGAGE CORP	815,000.00	USD	Buy	09/15/2016	09/16/2016	10/12/2018	99.957	814,649.55	0.00	-814,649.55
CNB-Chandler	43813JAC9	HAROT 141 A3	-35,358.79	USD	Principal Paydown	09/21/2016	09/21/2016	11/21/2017	---	-35,358.79	0.00	35,358.79
CNB-Chandler	43814GAC4	HAROT 142 A3	-21,701.54	USD	Principal Paydown	09/18/2016	09/18/2016	03/19/2018	---	-21,701.51	0.00	21,701.51
CNB-Chandler	43814HAC2	HAROT 143 A3	-25,261.99	USD	Principal Paydown	09/15/2016	09/15/2016	06/15/2018	---	-25,261.99	0.00	25,261.99
CNB-Chandler	47787AD6	JDOT 14B A3	-47,825.88	USD	Principal Paydown	09/15/2016	09/15/2016	11/15/2018	---	-47,825.88	0.00	47,825.88
CNB-Chandler	47787VAC5	JDOT 14 A3	-22,470.71	USD	Principal Paydown	09/15/2016	09/15/2016	04/16/2018	---	-22,470.71	0.00	22,470.71
CNB-PFM	60934N104	FEDR GOV OBLIGATIONS CL IS MMF	71,645.13	USD	Buy	---	---	09/30/2016	1.00	71,645.13	0.00	-71,645.13
CNB-Chandler	60934N104	FEDR GOV OBLIGATIONS CL IS MMF	1,791,956.14	USD	Buy	---	---	09/30/2016	1.00	1,791,956.14	0.00	-1,791,956.14
CNB-Chandler	60934N104	FEDR GOV OBLIGATIONS CL IS MMF	-1,313,043.33	USD	Sell	---	---	09/30/2016	1.00	-1,313,043.33	0.00	1,313,043.33
CNB-PFM	60934N104	FEDR GOV OBLIGATIONS CL IS MMF	-314,279.32	USD	Sell	09/02/2016	09/02/2016	09/30/2016	1.00	-314,279.32	0.00	314,279.32
CNB-Chandler	89231MAC9	TAOT 14A A3	-47,454.47	USD	Principal Paydown	09/15/2016	09/15/2016	12/15/2017	---	-47,454.47	0.00	47,454.47
CNB-Chandler	89231TAB6	TAOT 15C A2A	-45,612.64	USD	Principal Paydown	09/15/2016	09/15/2016	02/15/2018	---	-45,612.64	0.00	45,612.64
CNB-PFM	912828PK0	UNITED STATES TREASURY	-175,000.00	USD	Sell	09/02/2016	09/02/2016	11/30/2017	101.895	-178,315.43	-1,011.27	179,326.70
CNB-Chandler	912828SS0	UNITED STATES TREASURY	-1,400,000.00	USD	Sell	09/29/2016	09/30/2016	04/30/2017	100.215	-1,403,003.12	-5,093.07	1,408,096.19
CNB-PFM	912828WD8	UNITED STATES TREASURY	-815,000.00	USD	Sell	09/15/2016	09/16/2016	10/31/2018	100.906	-822,385.94	-3,848.00	826,233.94
CNB-Chandler	949746JE2	WELLS FARGO & COMPANY	-978,000.00	USD	Maturity	09/15/2016	09/15/2016	09/15/2016	100.00	-978,000.00	0.00	978,000.00
CNB-Chandler	94974BFU9	WELLS FARGO & CO	500,000.00	USD	Buy	09/13/2016	09/16/2016	04/22/2019	101.572	507,860.00	4,250.00	-512,110.00
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\* Showing transactions with Trade Date within selected date range. \* MMF transactions are collapsed.

\* The Transaction Detail/Trading Activity reports provide our most up-to-date transactional details. As such, these reports are subject to change even after the other reports on the website have been locked down. While these reports can be useful tools in understanding recent activity, due to their dynamic nature we do not recommend using them for booking journal entries or reconciliation.



- ❖ **Accrued Interest** - The interest that has accumulated on a bond since the last interest payment up to, but not including, the settlement date. Accrued interest occurs as a result of the difference in timing of cash flows and the measurement of these cash flows.
- ❖ **Amortized Cost** - The amount at which an investment is acquired, adjusted for accretion, amortization, and collection of cash.
- ❖ **Average Credit Rating** - The average credit worthiness of a portfolio, weighted in proportion to the dollar amount that is invested in the portfolio.
- ❖ **Convexity** - The relationship between bond prices and bond yields that demonstrates how the duration of a bond changes as the interest rate changes.
- ❖ **Credit Rating** - An assessment of the credit worthiness of an entity with respect to a particular financial obligation. The credit rating is inversely related to the possibility of debt default.
- ❖ **Duration** - A measure of the exposure to interest rate risk and sensitivity to price fluctuation of fixed-income investments. Duration is expressed as a number of years.
- ❖ **Fair Value** - The price that a given property or asset would fetch in the open marketplace.
- ❖ **Income Return** - The percentage of the total return generated by the income from interest or dividends.
- ❖ **Market Value** - An assets fair value plus any accrued interest.
- ❖ **Original Cost** - The original cost of an asset takes into consideration all of the costs that can be attributed to its purchase and to putting the asset to use.
- ❖ **Par Value** - The face value of a bond. Par value is important for a bond or fixed-income instrument because it determines its maturity value as well as the dollar value of coupon payments.
- ❖ **Price Return** - The percentage of the total return generated by capital appreciation due to changes in the market price of an asset.
- ❖ **Purchase Yield** -The measure of a bond's recurring realized investment income that combines both the bond's coupon return plus it amortization.
- ❖ **Total Return** - The actual rate of return of an investment over a given evaluation period. Total return is the combination of income and price return.
- ❖ **Unrealized Gains/(Loss)** - a profitable/(losing) position that has yet to be cashed in. The actual gain/(loss) is not realized until the position is closed. A position with an unrealized gain may eventually turn into a position with an unrealized loss, as the market fluctuates and vice versa.
- ❖ **Weighted Average Effective Maturity** – The average time it takes for securities in a portfolio to mature, taking into account the possibility that any of the bonds might be called back to the issuer.
- ❖ **Weighted Average Life** - The average number of years for which each dollar of unpaid principal on an investment remains outstanding, weighted by the size of each principal payout.
- ❖ **Weighted Average Maturity** - The average time it takes for securities in a portfolio to mature, weighted in proportion to the dollar amount that is invested in the portfolio. Weighted average maturity measures the sensitivity of fixed-income portfolios to interest rate changes.
- ❖ **Yield** - The income return on an investment. This refers to the interest or dividends received from a security and is expressed as a percentage based on the investment's cost and its current market value.
- ❖ **Yield to Maturity at Cost (YTM @ Cost)** - The internal rate of return anticipated on a bond if held until the end of its lifetime.
- ❖ **Yield to Maturity at Market (YTM @ Market)** - The internal rate of return of a bond adjusted for any capital gains or losses the price represents relative to the current market value.