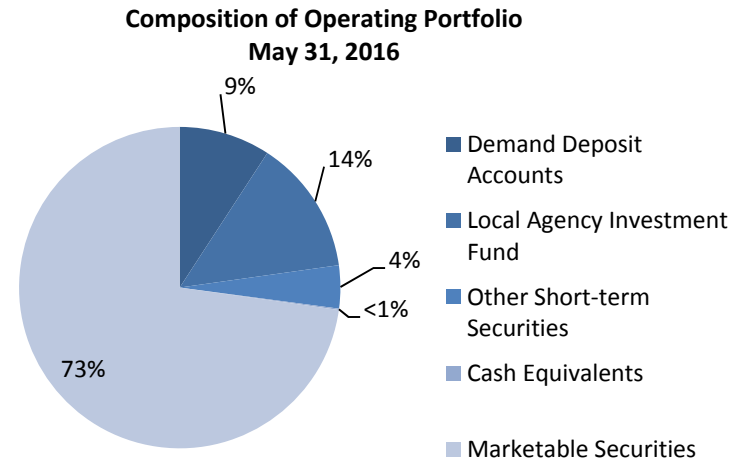
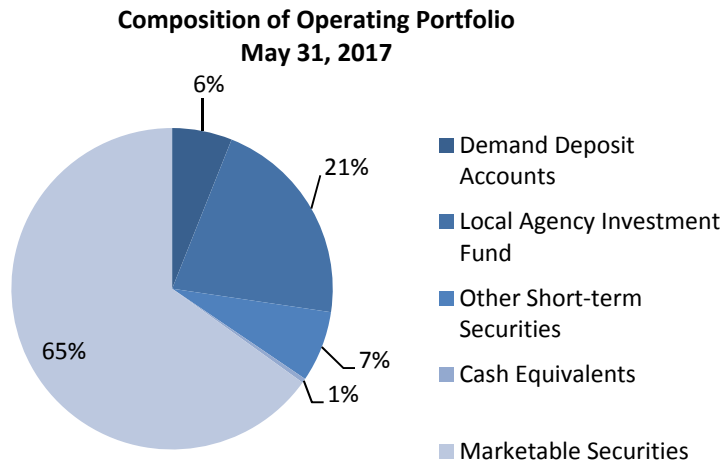




Portfolios	May 31, 2017									
	Amortized Cost	Unrealized Gains/(Loss)	Fair Value	Accrued Interest	Market Value	% Total	YTM @ Cost	YTM @ Market	Notes	
Operating Portfolios										
Short-term Portfolio										
Demand Deposit Accounts	\$ 16,065,688	\$ -	\$ 16,065,688	\$ -	\$ 16,065,688	6.05%	0.44%	0.44%	(1)	
Local Agency Investment Fund	56,510,830	-	56,510,830	-	56,510,830	21.28%	0.78%	0.82%	(2)	
Other Short-term Securities	18,946,153	(1,255)	18,944,898	40,234	18,985,132	7.15%	1.12%	1.14%		
Medium-term Portfolio										
Cash Equivalents	1,178,690	-	1,178,690	-	1,178,690	0.44%	0.67%	0.67%		
Marketable Securities	172,416,861	(193,013)	172,223,847	585,279	172,809,126	65.08%	1.35%	1.43%		
TOTAL OPERATING FUNDS	\$ 265,118,222	\$ (194,268)	\$ 264,923,953	\$ 625,513	\$ 265,549,466	100.00%				
Bond Fund Portfolios										
2010 Civic Center COPs	\$ 1,181,586	\$ -	\$ 1,181,586	\$ -	\$ 1,181,586	26.77%	0.42%	0.42%		
Assessment Districts	1,575,617	-	1,575,617	-	1,575,617	35.70%	0.20%	0.20%		
Special Improvement Districts	1,656,176	-	1,656,176	-	1,656,176	37.53%	0.01%	0.01%		
TOTAL BOND FUNDS WITH FISCAL AGENT	\$ 4,413,379	\$ -	\$ 4,413,379	\$ -	\$ 4,413,379	100.00%				
TOTAL CASH & INVESTMENTS	\$ 269,531,601	\$ (194,268)	\$ 269,337,333	\$ 625,513	\$ 269,962,845					



Notes:

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



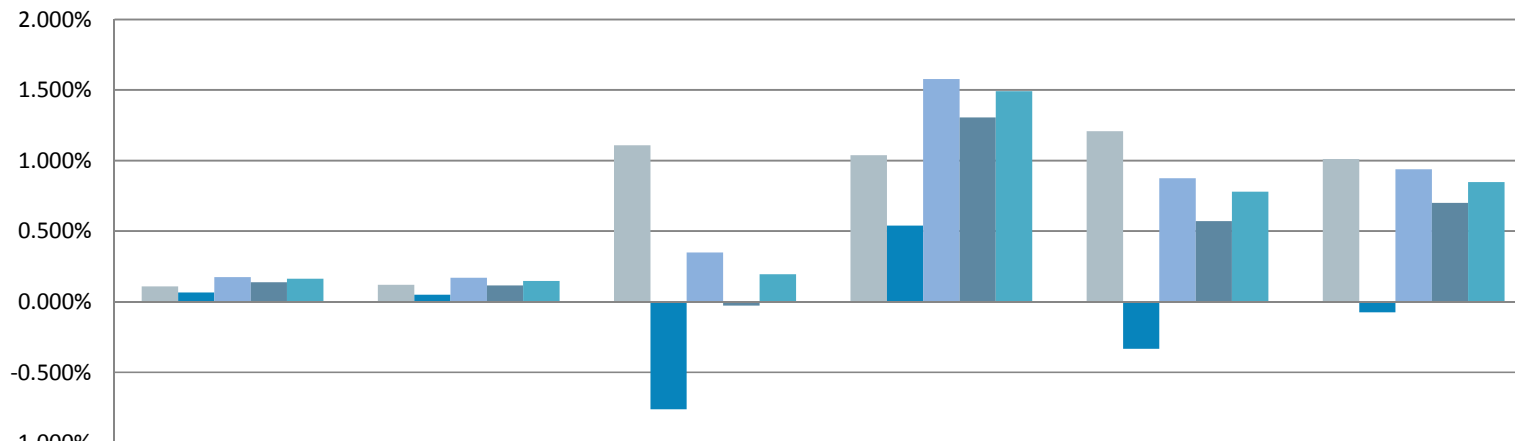
**Medium-Term Investment Portfolio by Security Type
for the Month Ended**

May 31, 2017

Security Type	Par Value	Original Cost	Amortization Cost	Unreal Gain/Loss	Fair Value	Accrued Interest	Market Value	% of Portfolio	YTM @ Cost	YTM @ Market
Cash Equivalents	-	1,178,690	1,178,690	-	1,178,690	-	1,178,690	0.68%	0.67%	0.67%
Marketable Securities										
Agency	76,180,000	76,187,593	76,155,791	(232,847)	75,922,944	258,730	76,181,673	43.78%	1.16%	1.35%
Corporate Notes	41,978,000	42,212,631	42,132,648	31,484	42,164,132	202,821	42,366,953	24.32%	1.61%	1.55%
U.S. Government	29,185,000	29,059,554	29,081,213	14,661	29,095,875	70,658	29,166,533	16.78%	1.33%	1.36%
Certificates of Deposit	11,155,000	11,157,071	11,156,847	-	11,156,847	42,257	11,199,104	6.43%	1.73%	1.73%
Asset-Backed Securities	8,530,720	8,529,794	8,530,110	(2,555)	8,527,555	4,530	8,532,085	4.92%	1.31%	1.43%
Supranational	3,425,000	3,418,203	3,420,186	(3,756)	3,416,430	6,283	3,422,713	1.97%	1.33%	1.46%
Commercial Paper	1,950,000	1,935,819	1,940,066	-	1,940,066	-	1,940,066	1.12%	1.41%	1.41%
Total Marketable Securities	172,403,720	172,500,664	172,416,861	(193,013)	172,223,847	585,279	172,809,126	99.32%	1.35%	1.43%
GRAND TOTAL (MIP)	172,403,720	173,679,354	173,595,551	(193,013)	173,402,537	585,279	173,987,816	100.00%	1.35%	1.43%

Performance History

Rate of Return



	Prior Month	Current Month	Current Fiscal Year to Date	Prior Fiscal Year	Trailing Year	Trailing 3 Years*
Income Return	0.108%	0.119%	1.109%	1.039%	1.208%	1.012%
Price Return	0.066%	0.050%	-0.759%	0.540%	-0.333%	-0.076%
Total Return = Income Return + Price Return	0.174%	0.170%	0.350%	1.579%	0.874%	0.938%
1-3 yr Treasury Index Total Return	0.139%	0.116%	-0.028%	1.307%	0.571%	0.701%
1-3 yr Gov./Corp Index Total Return	0.164%	0.146%	0.195%	1.492%	0.781%	0.849%

*Periods greater than one year are annualized

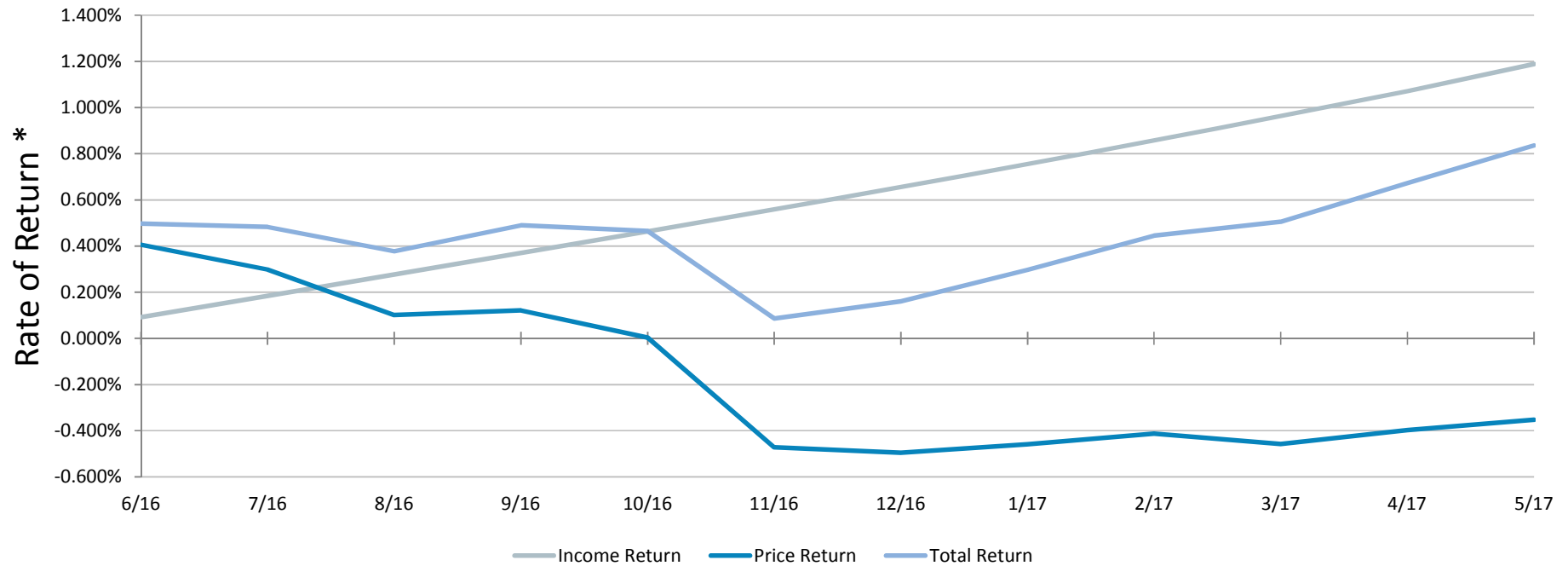


Medium-Term Investment Portfolio's Cumulative Returns During Trailing Year
for the Month Ended

May 31, 2017

	Period in Trailing Year	Income Return	Price Return	Total Return
	06/01/2016 - 06/30/2016	0.091%	0.405%	0.497%
	06/01/2016 - 07/31/2016	0.184%	0.298%	0.482%
	06/01/2016 - 08/31/2016	0.276%	0.101%	0.378%
	06/01/2016 - 09/30/2016	0.369%	0.121%	0.489%
	06/01/2016 - 10/31/2016	0.463%	0.003%	0.465%
	06/01/2016 - 11/30/2016	0.559%	-0.473%	0.086%
	06/01/2016 - 12/31/2016	0.655%	-0.495%	0.160%
	06/01/2016 - 01/31/2017	0.756%	-0.459%	0.297%
	06/01/2016 - 02/28/2017	0.857%	-0.413%	0.444%
	06/01/2016 - 03/31/2017	0.963%	-0.458%	0.505%
	06/01/2016 - 04/30/2017	1.070%	-0.398%	0.673%
	06/01/2016 - 05/31/2017	1.188%	-0.353%	0.835%

Cumulative Returns During Trailing Year



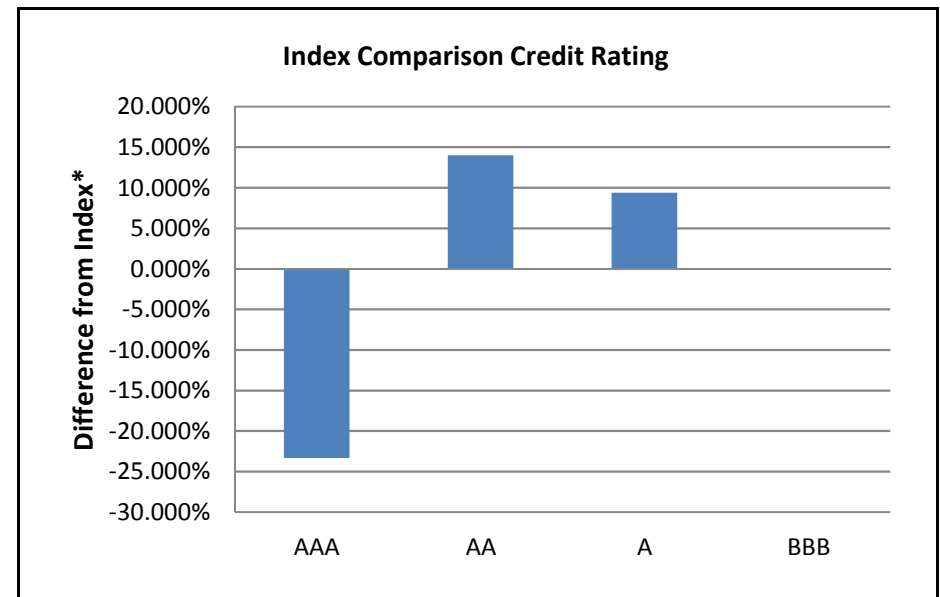
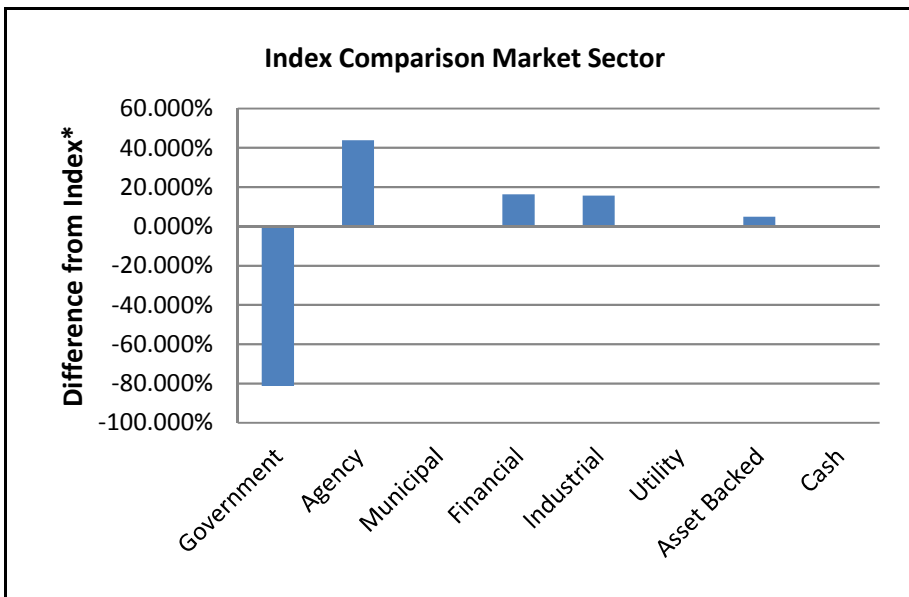
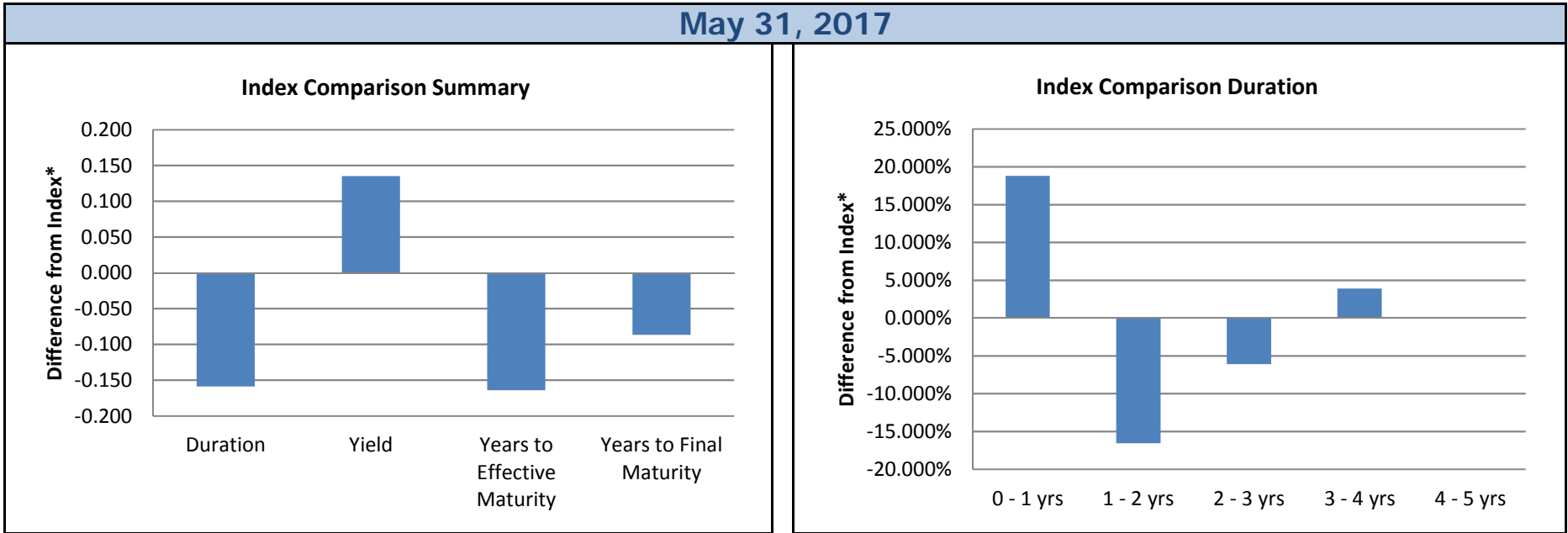
* All returns are cumulative from the beginning of the trailing year.



Index Comparison of Medium-Term Investment Portfolio

for the Month Ended

May 31, 2017



*Compared to 1-3 Year US Treasuries

BOND MARKET OVERVIEW

For the Month Ended

May 31, 2017



- ❖ The Federal Open Market Committee (FOMC) left the fed funds target rate unchanged at a range of 0.75%-1.00% in May. The vote was unanimous.
- ❖ The Fed noted growth in economic activity slowed. The Fed also stated that inflation continues to run somewhat below its 2.0% target, but the labor market continues to strengthen. The Fed believes the slowdown in economic growth during the first quarter was likely transitory.
- ❖ The unemployment rate fell further to 4.3% in May from 4.4% in April. However, the labor participation rate also declined to 62.7% from 62.9%.
- ❖ A broader measure of unemployment called the U-6, which includes those who are marginally attached to the labor force and employed part-time for economic reasons, decreased to 8.4% in May from 8.6% in April.
- ❖ Wage growth rose 0.2% in May.

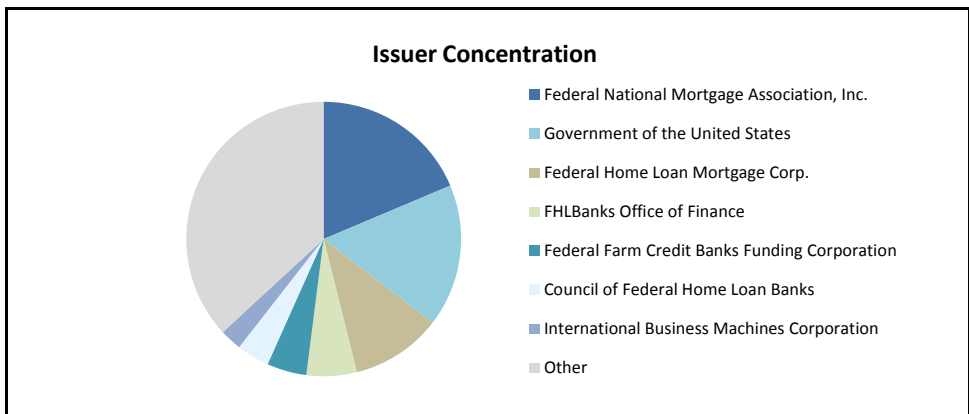
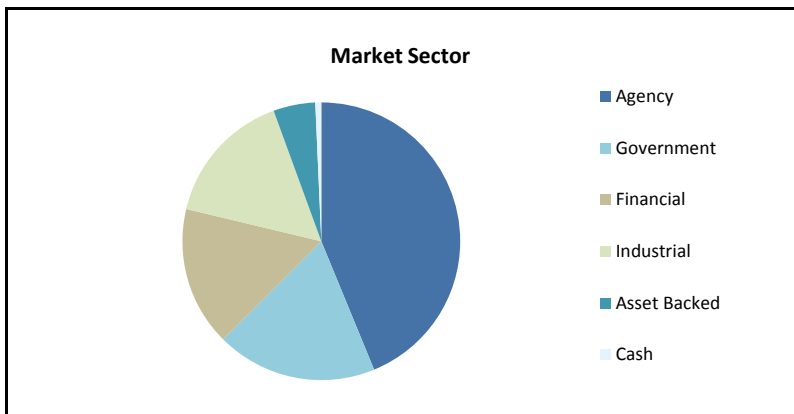
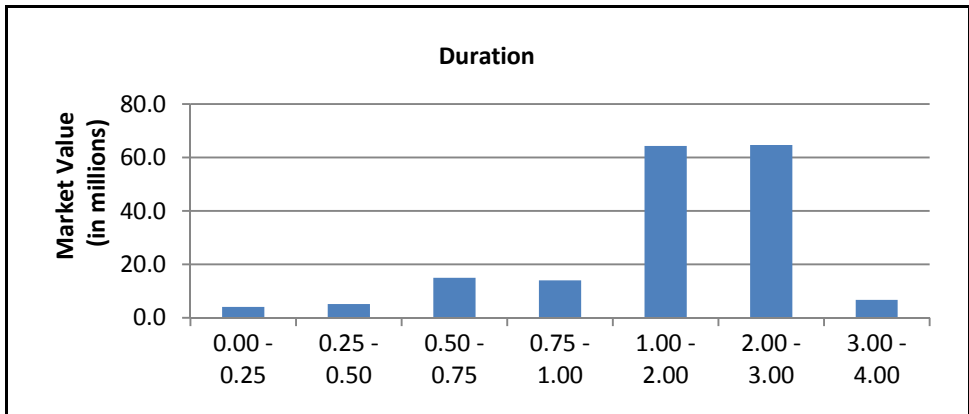
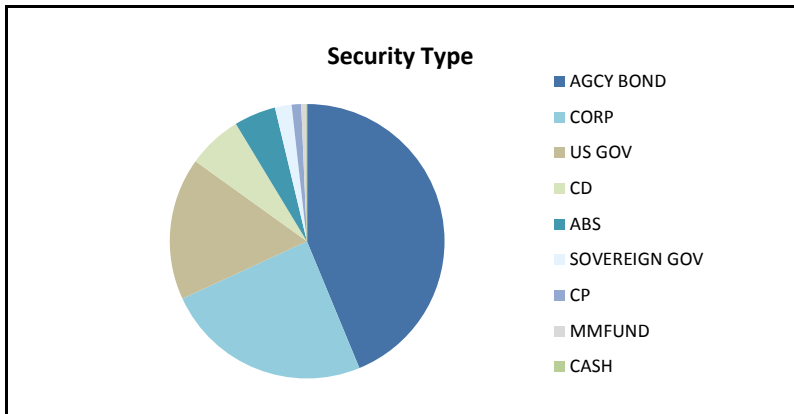
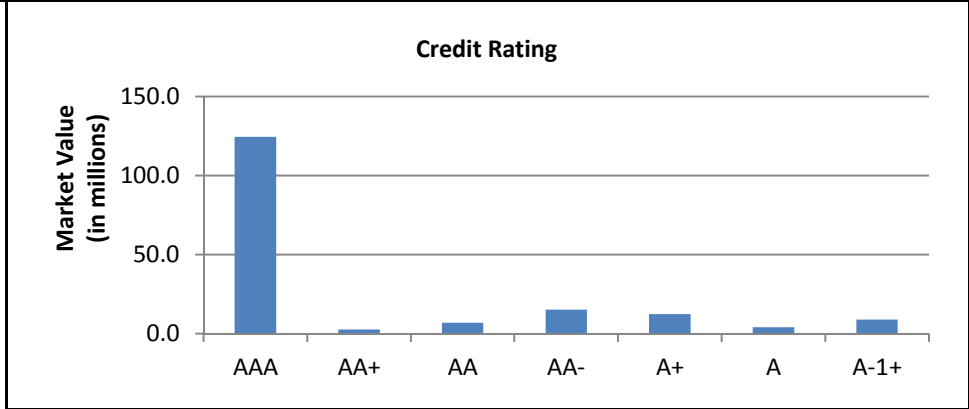
DISCLAIMER: This report is provided for informational purposes only and should not be construed as specific investment or legal advice. The information contained herein was obtained from sources believed to be reliable as of the date of publication, but may become outdated or superseded at any time without 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**

May 31, 2017

Summary	
Cash	1,178,690
Fixed Income	172,809,126
Duration	1.742
Convexity	0.043
Weighted Avg Life	1.784
Weighted Avg Maturity	1.861
Weighted Avg Eff Maturity	1.784
Yield	1.43%
Purchase Yield	1.35%
Avg Credit Rating	AA+ /Aa1/AA+





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

May 31, 2017

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%	0.00%
Compliant	Concentration	Bankers Acceptances Rated Below (LT) A / A2 (ST) A-1/P-1	0.00%	0.00%
Compliant	Concentration	CD	30.00%	8.04%
Compliant	Concentration	Commercial Paper	25.00%	4.00%
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%	2.34%
Compliant	Concentration	Max Concentration of Corps (%)	30.00%	24.13%
Compliant	Concentration	Max Concentration of Funds Assets	10.00%	0.03%
Compliant	Concentration	Max Concentration of MBS and ABS	20.00%	4.42%
Compliant	Concentration	Max Concentration of MMF	20.00%	0.80%
Compliant	Concentration	Max Concentration of Munis (%)	30.00%	0.00%
Compliant	Concentration	Max Concentration of Supranationals	20.00%	1.77%
Compliant	Concentration	Max Issuer Concentration of Corporate Bonds (%)	5.00%	2.34%
Compliant	Concentration	Max Issuer Concentration of Supranationals	10.00%	1.02%
Compliant	Concentration	Minimum Credit Rating for MBS of AAA	0.00%	0.00%
Compliant	Concentration	Minimum Issuer Size for CD's - In Billions	10	Unavailable ⁽¹⁾
Compliant	Concentration	Minimum Issuer Size for CP's - In Millions	500	Unavailable ⁽¹⁾
Compliant	Concentration	Minimum Rating for Supranational Securities AA	0.00%	0.00%
Compliant	Concentration	Munis Rated Below A/A2	0.00%	0.00%
Compliant	Concentration	Repos	10.00%	0.00%
Compliant	Concentration	Supranational is in USD	0.00%	0.00%
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	0.737
Compliant	Maturity	Max Final Maturity From Settle Date (in Years)	5.00	4.923
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

⁽¹⁾ The city's financial advisors have verified compliance based on the data available to them. That data may be for a month prior to this treasury report.



**Other Short-Term Securities Financials
for the Month Ended**

May 31, 2017

	Other Short-term Securities	
Balance Sheet	04/30/2017	05/31/2017
Book Value	18,937,731.74	18,946,153.12
Accrued Balance	30,579.37	40,233.82
Book Value + Accrued	18,968,311.10	18,986,386.94
Net Unrealized Gain/Loss	13.04	(1,254.74)
Market Value + Accrued	18,968,324.14	18,985,132.20
	Other Short-term Securities	
Income Statement	Begin Date	05/01/2017
	End Date	05/31/2017
Net Amortization/Accretion Income		5,751.04
Interest Income	12,324.80	
Dividend Income	0.00	
Misc Income	0.00	
Income Subtotal		12,324.80
Net Realized Gain/Loss	0.00	
Net Holding Gain/Loss	(1,267.78)	
Impairment Loss	0.00	
Net Gain/Loss		(1,267.78)
Expense	0.00	
Net Income		16,808.06
Transfers In/Out		0.00
Change in Unrealized Gain/Loss		0.00

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

As of 05/31/2017

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
CNB-Chandler Short-Term	38141W315 GOLDMAN:FS TRS O;FST ADM	359,950.24 359,950.24	USD MMFUND	CE ---	--- ---	--- 0.00	359,950.24 0.00	359,950.24
CE CNB-Chandler Short-Term	38141W315 GOLDMAN:FS TRS O;FST ADM	359,950.24 359,950.24	USD MMFUND	CE ---	--- ---	--- 0.00	359,950.24 0.00	359,950.24

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	70.27 70.27	USD CASH	RCV ---	--- ---	04/11/2017 0.00	70.27 0.00	70.27
Receivable CNB-Chandler Short-Term	CCYUSD Receivable	70.27 70.27	USD CASH	RCV ---	--- ---	04/11/2017 0.00	70.27 0.00	70.27

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	009158AS5 AIR PRODUCTS AND CHEMICALS INC	700,000.00 700,000.00	USD CORP	ST 03/03/2015	03/06/2015 10/15/2017	10/15/2017 1,073.33	699,792.68 -128.68	699,664.00
ST CNB-Chandler Short-Term	06417GPZ5 The Bank of Nova Scotia	1,700,000.00 1,700,000.00	USD CD	ST 09/29/2016	09/30/2016 06/26/2017	06/26/2017 14,518.00	1,700,000.00 0.00	1,700,000.00
ST CNB-Chandler Short-Term	06538BU76 The Bank of Tokyo-Mitsubishi UFJ, Ltd.	900,000.00 900,000.00	USD CP	ST 03/07/2017	03/07/2017 07/07/2017	07/07/2017 0.00	898,938.00 54.01	898,992.01
ST CNB-Chandler Short-Term	06538BU76 The Bank of Tokyo-Mitsubishi UFJ, Ltd.	100,000.00 100,000.00	USD CP	ST 04/06/2017	04/06/2017 07/07/2017	07/07/2017 0.00	99,888.00 0.00	99,888.00
ST CNB-Chandler Short-Term	21687AW17 Cooperatieve Rabobank U.A.	2,600,000.00 2,600,000.00	USD CP	ST 12/06/2016	12/06/2016 09/01/2017	09/01/2017 0.00	2,592,292.45 0.00	2,592,292.45
ST CNB-Chandler Short-Term	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 2,697.50	521,893.14 -452.74	521,440.40
ST CNB-Chandler Short-Term	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 2,627.78	550,022.01 -11.01	550,011.00
ST CNB-Chandler Short-Term	3133EDDV1 FEDERAL FARM CREDIT BANKS FUNDING CORP	600,000.00 600,000.00	USD AGCY BOND	ST 01/29/2015	01/30/2015 10/23/2017	10/23/2017 734.67	600,680.54 -482.54	600,198.00
ST CNB-Chandler Short-Term	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 1,972.22	1,000,000.00 -100.00	999,900.00
ST CNB-Chandler Short-Term	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 493.06	250,000.00 -25.00	249,975.00
ST CNB-Chandler Short-Term	36164JX33 GE Capital Treasury Services (U.S.) LLC	1,000,000.00 1,000,000.00	USD CP	ST 03/07/2017	03/07/2017 10/03/2017	10/03/2017 0.00	995,970.00 0.00	995,970.00
ST CNB-Chandler Short-Term	68389XAN5 ORACLE CORP	600,000.00 600,000.00	USD CORP	ST 03/25/2014	03/28/2014 10/15/2017	10/15/2017 920.00	599,501.87 294.13	599,796.00
ST CNB-Chandler Short-Term	68389XAN5 ORACLE CORP	500,000.00 500,000.00	USD CORP	ST 07/10/2015	07/15/2015 10/15/2017	10/15/2017 766.67	499,995.35 -165.35	499,830.00
ST CNB-Chandler Short-Term	713448DB1 PEPSICO INC	1,500,000.00 1,500,000.00	USD CORP	ST 03/23/2017	03/28/2017 10/13/2017	10/13/2017 2,000.00	1,498,946.47 63.53	1,499,010.00
ST CNB-Chandler Short-Term	89113WVZ6 The Toronto-Dominion Bank	1,300,000.00 1,300,000.00	USD CD	ST 02/02/2017	02/02/2017 08/02/2017	08/02/2017 5,070.72	1,300,000.00 0.00	1,300,000.00
ST CNB-Chandler Short-Term	89113WZM1 The Toronto-Dominion Bank	1,300,000.00 1,300,000.00	USD CD	ST 03/15/2017	03/16/2017 09/27/2017	09/27/2017 3,364.47	1,300,000.00 0.00	1,300,000.00
ST CNB-Chandler Short-Term	89233GW10 Toyota Motor Credit Corporation	1,200,000.00 1,200,000.00	USD CP	ST 12/06/2016	12/06/2016 09/01/2017	09/01/2017 0.00	1,196,166.67 0.00	1,196,166.67
ST CNB-Chandler Short-Term	911312AP1 UNITED PARCEL SERVICE INC	883,000.00 883,000.00	USD CORP	ST 03/20/2017	03/23/2017 10/01/2017	10/01/2017 1,655.63	882,324.01 190.34	882,514.35
ST CNB-Chandler Short-Term	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 1,838.40	1,099,819.95 -424.95	1,099,395.00
ST CNB-Chandler Short-Term	912828TG5 UNITED STATES TREASURY	300,000.00 300,000.00	USD US GOV	ST 03/31/2015	03/31/2015 07/31/2017	07/31/2017 501.38	299,901.49 -66.49	299,835.00

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

As of 05/31/2017

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	---	18,603,000.00	USD	ST	---	---	18,586,132.61	18,584,877.87
CNB-Chandler Short-Term	---	18,603,000.00	---	---	---	40,233.82	-1,254.74	

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
---	---	18,963,020.51	USD	---	---	---	18,946,153.12	18,944,898.38
CNB-Chandler Short-Term	---	18,963,020.51	---	---	---	40,233.82	-1,254.74	

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

GAAP Trading Activity (Other Short-term Securities)

05/01/2017 - 05/31/2017

* 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	084664BS9	BERKSHIRE HATHAWAY FINANCE CORP	-325,000.00	USD	Maturity	05/15/2017	05/15/2017	05/15/2017	100.00	-325,000.00	0.00	325,000.00
CNB-Chandler Short-Term	38141W315	GOLDMAN:FS TRS O:FST ADM	327,610.37	USD	Buy	---	---	05/31/2017	1.00	327,610.37	0.00	-327,610.37
CNB-Chandler Short-Term	---	---	2,610.37	USD	---	---	---	05/23/2017	---	2,610.37	0.00	-2,610.37

* 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

May 31, 2017

May 31, 2017						
	Medium-Term Investment		Chandler		PFM	
	04/30/2017	05/31/2017	04/30/2017	05/31/2017	04/30/2017	05/31/2017
Balance Sheet						
Book Value	173,438,204.48	173,595,550.91	87,122,818.77	87,213,997.85	86,315,385.71	86,381,553.06
Accrued Balance	542,744.93	585,278.80	274,136.99	277,524.58	268,607.94	307,754.22
Book Value + Accrued	173,980,949.40	174,180,829.71	87,396,955.75	87,491,522.43	86,583,993.65	86,689,307.28
Net Unrealized Gain/Loss	(287,928.92)	(193,013.46)	(142,364.52)	(104,533.77)	(145,564.40)	(88,479.68)
Market Value + Accrued	173,693,020.49	173,987,816.25	87,254,591.23	87,386,988.65	86,438,429.25	86,600,827.60
	Medium-Term Investment		Chandler		PFM	
	Begin Date	05/01/2017	Begin Date	05/01/2017	Begin Date	05/01/2017
	End Date	05/31/2017	End Date	05/31/2017	End Date	05/31/2017
Income Statement						
Net Amortization/Accretion Income		(1,959.26)		(3,790.13)		1,830.87
Interest Income	209,206.28		98,132.81		111,073.46	
Dividend Income	0.00		0.00		0.00	
Misc Income	0.00		0.00		0.00	
Income Subtotal		209,206.28		98,132.81		111,073.46
Net Realized Gain/Loss	(7,366.71)		223.98		(7,590.70)	
Net Holding Gain/Loss	94,915.46		37,830.75		57,084.71	
Impairment Loss	0.00		0.00		0.00	
Net Gain/Loss		87,548.75		38,054.73		49,494.01
Expense	0.00		0.00		0.00	
Net Income		294,795.76		132,397.42		162,398.34
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 05/31/2017

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	1,104,025.40 1,104,025.40	USD MMFUND	CE ---	--- ---	--- 0.00	1,104,025.40 0.00	1,104,025.40
CE CNB-PFM	60934N104 FEDR GOV OBLIGATIONS CL IS MMF	74,253.71 74,253.71	USD MMFUND	CE ---	--- ---	--- 0.00	74,253.71 0.00	74,253.71
CE CNB-Chandler	CCYUSD Receivable	392.23 392.23	USD CASH	RCV ---	--- ---	04/11/2017 0.00	392.23 0.00	392.23
CE CNB-PFM	CCYUSD Receivable	18.62 18.62	USD CASH	RCV ---	--- ---	04/11/2017 0.00	18.62 0.00	18.62
CE ---	---	1,178,689.96 1,178,689.96	USD ---	---	---	---	1,178,689.96 0.00	1,178,689.96

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-PFM	02007HAC5 ALLYA 172 A3	700,000.00 700,000.00	USD ABS	LT 03/21/2017	03/29/2017 08/16/2021	08/16/2021 553.78	699,654.10 1,726.72	701,380.82
MS CNB-PFM	02007PAC7 ALLYA 171 A3	290,000.00 290,000.00	USD ABS	LT 01/24/2017	01/31/2017 07/15/2020	06/15/2021 219.11	289,977.91 150.36	290,128.27
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 1,354.17	999,956.58 463.42	1,000,420.00
MS CNB-PFM	0258MOEE5 AMERICAN EXPRESS CREDIT CORP	495,000.00 495,000.00	USD CORP	LT 02/28/2017	03/03/2017 03/03/2020	03/03/2020 2,662.00	494,526.01 4,003.34	498,529.35
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 1,279.43	426,076.89 1,966.11	428,043.00
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 1,073.17	234,986.66 -3.11	234,983.55
MS CNB-Chandler	02665WAQ4 AMERICAN HONDA FINANCE CORP	650,000.00 650,000.00	USD CORP	ST 12/08/2014	12/11/2014 12/11/2017	12/11/2017 4,757.64	649,894.10 593.40	650,487.50
MS CNB-PFM	02665WAT8 AMERICAN HONDA FINANCE CORP	810,000.00 810,000.00	USD CORP	ST 03/10/2015	03/13/2015 03/13/2018	03/13/2018 2,632.50	809,712.17 1,235.53	810,947.70
MS CNB-Chandler	03783BQ2 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 4,905.44	1,059,894.99 4,281.41	1,064,176.40
MS CNB-PFM	03783CK4 APPLE INC	1,400,000.00 1,400,000.00	USD CORP	LT 02/03/2017	02/09/2017 02/07/2020	02/07/2020 8,275.56	1,399,382.83 8,737.17	1,408,120.00
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 5,111.11	1,006,433.32 3,276.68	1,009,710.00
MS CNB-Chandler	06406HCW7 BANK OF NEW YORK MELLON CORP	300,000.00 300,000.00	USD CORP	LT 12/06/2016	12/09/2016 08/11/2019	09/11/2019 1,533.33	302,729.22 183.78	302,913.00
MS CNB-PFM	06406HDB2 BANK OF NEW YORK MELLON CORP	1,550,000.00 1,550,000.00	USD CORP	ST 05/22/2015	05/29/2015 05/22/2018	05/22/2018 620.00	1,549,953.13 1,069.87	1,551,023.00
MS CNB-Chandler	06417GPR3 The Bank of Nova Scotia	400,000.00 400,000.00	USD CD	ST 12/06/2016	12/06/2016 09/27/2017	09/27/2017 3,675.00	400,060.56 0.00	400,060.56
MS CNB-PFM	06417GUE6 The Bank of Nova Scotia	1,700,000.00 1,700,000.00	USD CD	LT 04/05/2017	04/06/2017 04/05/2019	04/05/2019 5,050.89	1,700,000.00 0.00	1,700,000.00
MS CNB-PFM	06427KRC3 Bank of Montreal	1,250,000.00 1,250,000.00	USD CD	LT 02/08/2017	02/09/2017 02/07/2019	02/07/2019 7,311.11	1,250,000.00 0.00	1,250,000.00
MS CNB-PFM	06538XA6 The Bank of Tokyo-Mitsubishi UFJ, Ltd.	1,950,000.00 1,950,000.00	USD CP	ST 04/06/2017	04/06/2017 10/10/2017	10/10/2017 0.00	1,940,065.84 0.00	1,940,065.84
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 1,148.44	319,853.58 1,381.62	321,235.20
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 3,253.61	851,642.75 -6,632.25	845,010.50
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 1,397.14	364,738.20 -1,880.75	362,857.45
MS CNB-Chandler	09247XAE1 BLACKROCK INC	1,000,000.00 1,000,000.00	USD CORP	LT 12/06/2016	12/09/2016 12/10/2019	12/10/2019 23,750.00	1,076,009.18 1,530.82	1,077,540.00
MS CNB-PFM	13606A5Z7 Canadian Imperial Bank of Commerce	1,500,000.00 1,500,000.00	USD CD	LT 04/21/2017	04/21/2017 11/30/2018	11/30/2018 7,935.83	1,501,786.12 0.00	1,501,786.12

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

As of 05/31/2017

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	166764AL4 CHEVRON CORP	530,000.00 530,000.00	USD CORP	ST 11/18/2014	11/18/2014 11/15/2017	11/15/2017 316.82	530,000.00 127.20	530,127.20
MS CNB-Chandler	166764AV2 CHEVRON CORP	860,000.00 860,000.00	USD CORP	ST 02/24/2015	03/03/2015 03/02/2018	03/02/2018 2,902.14	860,000.00 189.20	860,189.20
MS CNB-Chandler	166764AV2 CHEVRON CORP	84,000.00 84,000.00	USD CORP	ST 12/09/2015	12/14/2015 03/02/2018	03/02/2018 283.46	83,969.35 49.13	84,018.48
MS CNB-PFM	166764AV2 CHEVRON CORP	1,195,000.00 1,195,000.00	USD CORP	ST 06/15/2015	06/18/2015 03/02/2018	03/02/2018 4,032.63	1,193,967.24 1,295.66	1,195,262.90
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 12,705.92	1,669,899.75 4,425.55	1,674,325.30
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 -4,937.40	800,649.40 -4,937.40	795,712.00
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 1,173.47	424,636.33 -1,914.33	422,722.00
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 7,284.38	1,349,455.56 5,849.94	1,355,305.50
MS CNB-PFM	30231GAL6 EXXON MOBIL CORP	1,505,000.00 1,505,000.00	USD CORP	ST 03/03/2015	03/06/2015 03/06/2018	03/06/2018 4,637.28	1,505,000.00 -45.15	1,504,954.85
MS CNB-Chandler	3130A4GJ5 FEDERAL HOME LOAN BANKS	1,600,000.00 1,600,000.00	USD AGCY BOND	ST 03/30/2015	03/31/2015 04/25/2018	04/25/2018 1,800.00	1,601,750.46 -3,014.46	1,598,736.00
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 15,650.00	3,129,106.30 -14,349.40	3,114,756.90
MS CNB-Chandler	3130AA3R7 FEDERAL HOME LOAN BANKS	1,900,000.00 1,900,000.00	USD AGCY BOND	LT 11/29/2016	11/30/2016 11/15/2019	11/15/2019 1,161.11	1,896,775.79 716.21	1,897,492.00
MS CNB-PFM	3130AA3R7 FEDERAL HOME LOAN BANKS	2,795,000.00 2,795,000.00	USD AGCY BOND	LT 12/15/2016	12/16/2016 11/15/2019	11/15/2019 1,708.06	2,776,061.76 15,248.84	2,791,310.60
MS CNB-Chandler	3130AAE46 FEDERAL HOME LOAN BANKS	2,000,000.00 2,000,000.00	USD AGCY BOND	LT 12/07/2016	12/08/2016 01/16/2019	01/16/2019 9,375.00	1,999,933.09 -1,473.10	1,998,460.00
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 5,879.17	1,715,164.16 -10,421.16	1,704,743.00
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 13,191.84	1,771,652.62 -13,847.62	1,757,805.00
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 7,583.33	1,305,888.73 -12,570.73	1,293,318.00
MS CNB-Chandler	313383HU8 FEDERAL HOME LOAN BANKS	750,000.00 750,000.00	USD AGCY BOND	LT 05/23/2017	05/24/2017 06/12/2020	06/12/2020 6,161.46	753,613.95 916.05	754,530.00
MS CNB-Chandler	3133EEFE5 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,600,000.00 1,600,000.00	USD AGCY BOND	ST 01/30/2015	01/30/2015 12/18/2017	12/18/2017 8,150.00	1,602,390.29 -2,694.29	1,599,696.00
MS CNB-Chandler	3133EEQM5 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,700,000.00 1,700,000.00	USD AGCY BOND	ST 08/28/2015	08/31/2015 02/20/2018	02/20/2018 5,294.08	1,702,026.32 -2,689.32	1,699,337.00
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 430.00	1,003,252.00 -3,852.00	999,400.00
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 8,145.83	1,700,087.51 -8,162.51	1,691,925.00
MS CNB-Chandler	3133EGM69 FEDERAL FARM CREDIT BANKS FUNDING CORP	2,100,000.00 2,100,000.00	USD AGCY BOND	LT 12/06/2016	12/07/2016 12/05/2018	12/05/2018 11,293.33	2,096,234.69 -1,337.69	2,094,897.00
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 2,660.94	649,619.65 -419.15	649,200.50
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 4,298.44	1,049,290.85 -582.35	1,048,708.50
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 1,489.69	1,134,178.89 -870.04	1,133,308.85
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 9,211.09	1,763,688.57 -3,012.82	1,760,675.75
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 20,875.00	4,002,568.39 -12,368.39	3,990,200.00
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 3,958.33	1,497,941.57 -6,146.57	1,491,795.00
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 5,290.97	2,006,153.01 -12,120.36	1,994,032.65
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 15,833.33	6,022,282.45 -55,102.45	5,967,180.00

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

As of 05/31/2017

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	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 1,952.34	674,176.20 -6,439.20	667,737.00
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 6,941.67	2,397,070.94 -22,894.94	2,374,176.00
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 7,750.00	2,994,400.47 -19,840.47	2,974,560.00
MS CNB-PFM	3135G0R39 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,705,000.00 1,705,000.00	USD AGCY BOND	LT 01/05/2017	01/10/2017 10/24/2019	10/24/2019 1,752.36	1,687,291.95 1,425.30	1,688,717.25
MS CNB-PFM	3135G0R39 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,395,000.00 1,395,000.00	USD AGCY BOND	LT 12/15/2016	12/16/2016 10/24/2019	10/24/2019 1,433.75	1,373,952.31 7,725.44	1,381,677.75
MS CNB-PFM	3135G0T29 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,055,000.00 1,055,000.00	USD AGCY BOND	LT 02/24/2017	02/28/2017 02/28/2020	02/28/2020 4,088.13	1,054,381.53 1,546.87	1,055,928.40
MS CNB-PFM	3135G0T29 FEDERAL NATIONAL MORTGAGE ASSOCIATION	2,000,000.00 2,000,000.00	USD AGCY BOND	LT 03/02/2017	03/03/2017 02/28/2020	02/28/2020 7,750.00	1,989,335.43 12,424.57	2,001,760.00
MS CNB-Chandler	3135G0TG8 FEDERAL NATIONAL MORTGAGE ASSOCIATION	1,225,000.00 1,225,000.00	USD AGCY BOND	ST 01/15/2015	01/16/2015 02/08/2018	02/08/2018 3,364.50	1,224,713.83 -2,237.33	1,222,476.50
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 85.76	475,988.39 1,372.36	477,360.75
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 83.96	464,838.15 2,472.90	467,311.05
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 13.37	279,136.66 -1,768.91	277,367.75
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 6,666.67	1,596,739.33 -1,747.33	1,594,992.00
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 416.67	99,330.53 356.47	99,687.00
MS CNB-Chandler	3137EADM8 FREDDIE MAC	1,700,000.00 1,700,000.00	USD AGCY BOND	LT 02/22/2016	02/23/2016 10/02/2019	10/02/2019 3,482.64	1,701,977.17 -8,794.17	1,693,183.00
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 2,443.75	1,699,657.86 -5,709.86	1,693,948.00
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 2,192.19	1,524,936.15 -5,365.15	1,519,571.00
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 3,047.92	948,357.61 -8,114.11	940,243.50
MS CNB-PFM	3137EAEB1 FEDERAL HOME LOAN MORTGAGE CORP	4,600,000.00 4,600,000.00	USD AGCY BOND	LT 10/03/2016	10/05/2016 07/19/2019	07/19/2019 14,758.33	4,588,506.08 -35,748.08	4,552,758.00
MS CNB-PFM	3137EAE7 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 970.64	814,769.60 -3,795.70	810,973.90
MS CNB-Chandler	3137EAE5 FREDDIE MAC	1,740,000.00 1,740,000.00	USD AGCY BOND	LT 01/12/2017	01/17/2017 01/17/2020	01/17/2020 9,715.00	1,738,349.95 3,912.05	1,742,262.00
MS CNB-PFM	3137EAE5 FREDDIE MAC	3,650,000.00 3,650,000.00	USD AGCY BOND	LT 04/03/2017	04/05/2017 01/17/2020	01/17/2020 20,379.17	3,648,219.58 6,525.42	3,654,745.00
MS CNB-PFM	36962G6W9 GENERAL ELECTRIC CO	1,000,000.00 1,000,000.00	USD CORP	ST 07/01/2015	07/07/2015 04/02/2018	04/02/2018 2,663.19	1,000,900.82 1,059.18	1,001,960.00
MS CNB-PFM	36962G6W9 GENERAL ELECTRIC CO	1,080,000.00 1,080,000.00	USD CORP	ST 06/15/2015	06/18/2015 04/02/2018	04/02/2018 2,876.25	1,081,600.57 516.23	1,082,116.80
MS CNB-PFM	40428AR41 Hsbc Bank USA	2,095,000.00 2,095,000.00	USD CD	ST 11/17/2015	11/18/2015 11/17/2017	11/17/2017 1,544.57	2,095,000.00 0.00	2,095,000.00
MS CNB-Chandler	43813NAC0 HAROT 152 A3	960,000.00 534,924.07	USD ABS	LT 05/13/2015	05/20/2015 05/21/2018	02/21/2019 154.53	534,906.49 -673.55	534,232.95
MS CNB-Chandler	43814GAC4 HAROT 142 A3	395,000.00 21,307.51	USD ABS	ST 05/13/2014	05/21/2014 07/18/2017	03/19/2018 5.92	21,307.39 -7.85	21,299.54
MS CNB-Chandler	43814HAC2 HAROT 143 A3	390,000.00 53,863.16	USD ABS	LT 08/12/2014	08/20/2014 09/15/2017	06/15/2018 21.07	53,862.42 -20.54	53,841.87
MS CNB-Chandler	43814RAB2 HAROT 164 A2	1,090,000.00 1,090,000.00	USD ABS	LT 10/18/2016	10/25/2016 08/18/2018	04/18/2019 409.36	1,089,984.85 -1,918.51	1,088,066.34
MS CNB-Chandler	43814TAB8 HAROT 171 A2	515,000.00 515,000.00	USD ABS	LT 03/21/2017	03/28/2017 07/22/2019	07/22/2019 203.14	514,988.55 -14.36	514,974.20
MS CNB-PFM	43814TAC6 HAROT 171 A3	400,000.00 400,000.00	USD ABS	LT 03/21/2017	03/28/2017 07/21/2021	07/21/2021 191.11	399,977.07 973.33	400,950.40
MS CNB-PFM	44930UAD8 HART 16A A3	250,000.00 250,000.00	USD ABS	LT 03/22/2016	03/30/2016 09/15/2019	09/15/2020 173.33	249,972.34 47.73	250,020.08

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

As of 05/31/2017

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	44931PAD8 HART 17A A3	380,000.00 380,000.00	USD ABS	LT 03/22/2017	03/29/2017 08/16/2021	08/16/2021 297.24	379,970.33 728.45	380,698.78
MS CNB-Chandler	4581X0CX4 INTER-AMERICAN DEVELOPMENT BANK	1,455,000.00 1,455,000.00	USD SOVEREIGN GOV	LT 04/05/2017	04/12/2017 05/12/2020	05/12/2020 3,218.18	1,451,702.70 3,966.60	1,455,669.30
MS CNB-Chandler	459058ER0 INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPM	1,970,000.00 1,970,000.00	USD SOVEREIGN GOV	LT 09/30/2015	10/07/2015 10/05/2018	10/05/2018 3,064.44	1,968,483.67 -7,722.97	1,960,760.70
MS CNB-Chandler	459200HZ7 INTERNATIONAL BUSINESS MACHINES CORP	1,035,000.00 1,035,000.00	USD CORP	ST 02/03/2015	02/06/2015 02/06/2018	02/06/2018 3,719.53	1,034,272.18 -741.88	1,033,530.30
MS CNB-PFM	459200HZ7 INTERNATIONAL BUSINESS MACHINES CORP	1,825,000.00 1,825,000.00	USD CORP	ST 02/03/2015	02/06/2015 02/06/2018	02/06/2018 6,558.59	1,823,716.64 -1,308.14	1,822,408.50
MS CNB-PFM	459200JN2 INTERNATIONAL BUSINESS MACHINES CORP	1,635,000.00 1,635,000.00	USD CORP	LT 02/01/2017	02/03/2017 01/27/2020	01/27/2020 10,700.17	1,634,402.92 4,324.88	1,638,727.80
MS CNB-PFM	46625HJR2 JPMORGAN CHASE & CO	1,635,000.00 1,635,000.00	USD CORP	LT 02/01/2017	02/03/2017 01/28/2019	01/28/2019 13,127.69	1,648,689.74 1,695.61	1,650,385.35
MS CNB-Chandler	477877AD6 JDOT 14B A3	445,000.00 103,824.96	USD ABS	LT 08/26/2014	09/03/2014 01/15/2018	11/15/2018 49.37	103,821.69 -91.41	103,730.29
MS CNB-Chandler	477877AD6 JDOT 14B A3	490,000.00 114,324.12	USD ABS	LT 12/03/2014	12/08/2014 01/15/2018	11/15/2018 54.37	114,318.34 -98.47	114,219.87
MS CNB-Chandler	47787VAC5 JDOT 14 A3	565,000.00 20,142.98	USD ABS	ST 04/02/2014	04/09/2014 07/15/2017	04/16/2018 8.24	20,142.84 -4.96	20,137.88
MS CNB-Chandler	47787XAB3 JDOT 2017 A2	390,000.00 390,000.00	USD ABS	LT 02/22/2017	03/02/2017 10/15/2018	10/15/2019 260.00	389,998.92 233.79	390,232.71
MS CNB-Chandler	47788MAB6 JDOT 16 A2	940,000.00 408,918.86	USD ABS	LT 02/23/2016	03/02/2016 11/15/2017	10/15/2018 209.00	408,918.62 -139.86	408,778.76
MS CNB-Chandler	47788NAB4 JDOT 16B A2	770,000.00 670,315.06	USD ABS	LT 07/19/2016	07/27/2016 02/15/2018	02/15/2019 324.73	670,301.80 -498.33	669,803.48
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 490.39	484,767.86 -180.11	484,587.75
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 3,452.78	999,245.51 -7,925.51	991,320.00
MS CNB-Chandler	654747AB0 NAROT 17A A2A	375,000.00 375,000.00	USD ABS	LT 03/21/2017	03/28/2017 01/15/2020	01/15/2020 245.00	374,998.14 23.23	375,021.38
MS CNB-PFM	65478VAD9 NAROT 16B A3	185,000.00 185,000.00	USD ABS	LT 04/18/2016	04/27/2016 02/15/2020	01/15/2021 108.53	184,982.51 -592.29	184,390.22
MS CNB-Chandler	65478WAB1 NAROT 16C A2A	540,000.00 477,987.24	USD ABS	LT 08/02/2016	08/10/2016 07/15/2018	05/15/2019 227.31	477,979.43 -505.69	477,473.73
MS CNB-Chandler	68389XAX3 ORACLE CORP	250,000.00 250,000.00	USD CORP	LT 12/06/2016	12/09/2016 10/08/2019	10/08/2019 828.13	252,549.62 317.88	252,867.50
MS CNB-Chandler	69371RM37 PACCAR FINANCIAL CORP	500,000.00 500,000.00	USD CORP	ST 11/12/2014	11/17/2014 11/17/2017	11/17/2017 272.22	499,967.61 217.39	500,185.00
MS CNB-Chandler	69371RM45 PACCAR FINANCIAL CORP	324,000.00 324,000.00	USD CORP	ST 06/15/2015	06/16/2015 03/09/2018	03/09/2018 1,070.10	323,876.19 334.41	324,210.60
MS CNB-Chandler	69371RM45 PACCAR FINANCIAL CORP	500,000.00 500,000.00	USD CORP	ST 06/23/2015	06/26/2015 03/09/2018	03/09/2018 1,651.39	499,999.47 325.53	500,325.00
MS CNB-PFM	713448CR7 PEPSICO INC	245,000.00 245,000.00	USD CORP	ST 04/27/2015	04/30/2015 04/30/2018	04/30/2018 263.72	244,990.94 -25.24	244,965.70
MS CNB-Chandler	747525AG8 QUALCOMM INC	825,000.00 825,000.00	USD CORP	ST 05/19/2015	05/22/2015 05/18/2018	05/18/2018 352.92	824,542.27 432.98	824,975.25
MS CNB-Chandler	747525AG8 QUALCOMM INC	430,000.00 430,000.00	USD CORP	ST 05/13/2015	05/20/2015 05/18/2018	05/18/2018 183.94	429,812.30 174.80	429,987.10
MS CNB-PFM	78009NZZ2 Royal Bank of Canada	1,260,000.00 1,260,000.00	USD CD	ST 03/11/2016	03/15/2016 03/09/2018	03/09/2018 4,879.00	1,260,000.00 0.00	1,260,000.00
MS CNB-Chandler	808513AK1 CHARLES SCHWAB CORP	150,000.00 150,000.00	USD CORP	ST 04/27/2015	04/30/2015 02/10/2018	03/10/2018 506.25	150,229.79 -154.79	150,075.00
MS CNB-Chandler	808513AK1 CHARLES SCHWAB CORP	875,000.00 875,000.00	USD CORP	ST 03/03/2015	03/10/2015 03/10/2018	03/10/2018 2,953.13	874,710.68 726.82	875,437.50
MS CNB-Chandler	808513AK1 CHARLES SCHWAB CORP	105,000.00 105,000.00	USD CORP	ST 04/30/2015	05/05/2015 02/10/2018	03/10/2018 354.38	105,110.42 -57.92	105,052.50
MS CNB-Chandler	857477AS2 STATE STREET CORP	400,000.00 400,000.00	USD CORP	LT 05/22/2017	05/25/2017 08/18/2020	08/18/2020 2,918.33	408,070.10 -386.10	407,684.00
MS CNB-Chandler	857477AS2 STATE STREET CORP	600,000.00 600,000.00	USD CORP	LT 10/04/2016	10/07/2016 08/18/2020	08/18/2020 4,377.50	617,318.50 -5,792.50	611,526.00

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

As of 05/31/2017

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	86563YVN0 Sumitomo Mitsui Banking Corporation	1,700,000.00 1,700,000.00	USD CD	LT 05/03/2017	05/04/2017 05/03/2019	05/03/2019 2,673.42	1,700,000.00 0.00	1,700,000.00
MS CNB-PFM	86958JHB8 Svenska Handelsbanken AB	1,250,000.00 1,250,000.00	USD CD	LT 01/10/2017	01/12/2017 01/10/2019	01/10/2019 9,187.50	1,250,000.00 0.00	1,250,000.00
MS CNB-Chandler	89231LAB3 TAOT 16D A2A	705,000.00 705,000.00	USD ABS	LT 10/04/2016	10/12/2016 07/15/2018	05/15/2019 332.13	704,973.23 -881.20	704,092.03
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 3,267.92	549,823.56 803.44	550,627.00
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 1,830.33	379,973.61 687.59	380,661.20
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 427.78	999,075.11 -4,285.11	994,790.00
MS CNB-PFM	89236TDM4 TOYOTA MOTOR CREDIT CORP	1,000,000.00 1,000,000.00	USD CORP	LT 01/05/2017	01/10/2017 01/09/2019	01/09/2019 6,705.56	1,001,201.02 648.98	1,001,850.00
MS CNB-Chandler	89236WAC2 TAOT 15A A3	760,000.00 375,111.80	USD ABS	LT 02/24/2015	03/04/2015 05/15/2018	02/15/2019 186.72	375,101.06 -273.18	374,827.88
MS CNB-PFM	89237WAD9 TAOT 16C A3	250,000.00 250,000.00	USD ABS	LT 08/01/2016	08/10/2016 12/15/2019	08/17/2020 126.67	249,995.63 -1,267.58	248,728.05
MS CNB-PFM	89238MAD0 TAOT 17A A3	220,000.00 220,000.00	USD ABS	LT 03/07/2017	03/15/2017 05/15/2020	02/16/2021 169.16	219,976.44 549.03	220,525.47
MS CNB-Chandler	90331HML4 US BANK NA	250,000.00 250,000.00	USD CORP	LT 12/06/2016	12/09/2016 09/28/2019	10/28/2019 486.98	251,477.94 692.06	252,170.00
MS CNB-PFM	904764AV9 UNILEVER CAPITAL CORP	125,000.00 125,000.00	USD CORP	LT 05/02/2017	05/05/2017 05/05/2020	05/05/2020 162.50	124,610.77 357.98	124,968.75
MS CNB-Chandler	91159HHH6 U.S. BANCORP	1,050,000.00 1,050,000.00	USD CORP	LT 01/22/2016	01/27/2016 03/24/2019	04/25/2019 2,310.00	1,055,430.13 5,552.87	1,060,983.00
MS CNB-Chandler	912828H52 UNITED STATES TREASURY	500,000.00 500,000.00	USD US GOV	LT 09/30/2016	10/03/2016 01/31/2020	01/31/2020 2,089.09	503,959.31 -5,719.31	498,240.00
MS CNB-Chandler	912828H52 UNITED STATES TREASURY	1,400,000.00 1,400,000.00	USD US GOV	LT 11/08/2016	11/09/2016 01/31/2020	01/31/2020 5,849.45	1,406,082.65 -11,010.65	1,395,072.00
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 4,169.84	1,210,250.82 -11,186.82	1,199,064.00
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 4,977.90	1,704,768.74 -8,814.74	1,695,954.00
MS CNB-Chandler	912828L65 UNITED STATES TREASURY	2,250,000.00 2,250,000.00	USD US GOV	LT 12/28/2016	12/29/2016 09/30/2020	09/30/2020 5,240.78	2,221,606.32 17,751.18	2,239,357.50
MS CNB-PFM	912828L65 UNITED STATES TREASURY	2,455,000.00 2,455,000.00	USD US GOV	LT 03/15/2017	03/17/2017 09/30/2020	09/30/2020 5,718.27	2,416,394.31 26,993.54	2,443,387.85
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 15,472.93	2,683,654.10 1,679.10	2,685,333.20
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 835.64	200,388.25 -412.25	199,976.00
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 6,267.27	1,501,847.17 -2,027.17	1,499,820.00
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 652.17	600,595.49 -949.49	599,646.00
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 1,195.65	1,100,270.63 -919.63	1,099,351.00
MS CNB-Chandler	912828SX9 UNITED STATES TREASURY	1,600,000.00 1,600,000.00	USD US GOV	LT 12/07/2016	12/08/2016 05/31/2019	05/31/2019 49.18	1,596,872.92 -1,752.92	1,595,120.00
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 5,045.15	1,713,553.92 -4,044.42	1,709,509.50
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 47.81	1,734,291.56 868.44	1,735,160.00
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 2,598.07	550,234.31 -3,523.31	546,711.00
MS CNB-Chandler	912828UV0 UNITED STATES TREASURY	1,200,000.00 1,200,000.00	USD US GOV	LT 10/11/2016	10/14/2016 03/31/2020	03/31/2020 2,286.89	1,199,812.10 -9,088.10	1,190,724.00
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 1,687.50	1,698,366.53 12,143.47	1,710,510.00
MS CNB-Chandler	912828XA3 UNITED STATES TREASURY	2,000,000.00 2,000,000.00	USD US GOV	ST 12/06/2016	12/07/2016 05/15/2018	05/15/2018 923.91	1,999,591.08 -3,571.08	1,996,020.00

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

As of 05/31/2017

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	912828XE5 UNITED STATES TREASURY	2,250,000.00 2,250,000.00	USD US GOV	LT 12/28/2016	12/29/2016 05/31/2020	05/31/2020 92.21	2,238,498.85 14,763.65	2,253,262.50
MS CNB-Chandler	912828XH8 UNITED STATES TREASURY	800,000.00 800,000.00	USD US GOV	LT 01/27/2017	01/30/2017 06/30/2020	06/30/2020 5,458.56	800,174.45 3,481.55	803,656.00
MS CNB-Chandler	92826CAB8 VISA INC	1,000,000.00 1,000,000.00	USD CORP	LT 12/28/2016	01/03/2017 12/14/2020	12/14/2020 10,205.56	998,277.09 10,992.91	1,009,270.00
MS CNB-PFM	92976WBH8 WELLS FARGO BANK NA	745,000.00 745,000.00	USD CORP	ST 06/15/2015	06/18/2015 02/01/2018	02/01/2018 14,279.17	765,423.60 -256.45	765,167.15
MS CNB-Chandler	94974BFG0 WELLS FARGO & CO	600,000.00 600,000.00	USD CORP	ST 09/09/2014	09/10/2014 01/16/2018	01/16/2018 3,375.00	599,466.02 221.98	599,688.00
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 1,151.04	505,747.46 -2,732.46	503,015.00
MS	---	175,878,000.00	USD	---	---	---	172,416,860.95	172,223,847.49
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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
---	---	177,056,689.96	USD	---	---	---	173,595,550.91	173,402,537.45
---	---	173,582,409.71	---	---	---	585,278.80	-193,013.46	

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

GAAP Trading Activity (Medium-term Portfolio)

05/01/2017 - 05/31/2017

* 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	24422ESB6	JOHN DEERE CAPITAL CORP	-1,015,000.00	USD	Sell	05/25/2017	05/31/2017	03/12/2018	99.951	-1,014,502.65	-2,895.57	1,017,398.22
CNB-PFM	3130A9AE1	FEDERAL HOME LOAN BANKS	-1,500,000.00	USD	Sell	05/03/2017	05/04/2017	10/01/2018	99.448	-1,491,720.00	-1,203.13	1,492,923.13
CNB-Chandler	313383HU8	FEDERAL HOME LOAN BANKS	750,000.00	USD	Buy	05/23/2017	05/24/2017	06/12/2020	100.485	753,637.50	5,906.25	-759,543.75
CNB-Chandler	43813NAC0	HAROT 152 A3	-59,306.37	USD	Principal Paydown	05/21/2017	05/21/2017	02/21/2019	---	-59,306.37	0.00	59,306.37
CNB-Chandler	43814GAC4	HAROT 142 A3	-15,362.89	USD	Principal Paydown	05/18/2017	05/18/2017	03/19/2018	---	-15,362.89	0.00	15,362.89
CNB-Chandler	43814HAC2	HAROT 143 A3	-17,218.63	USD	Principal Paydown	05/15/2017	05/15/2017	06/15/2018	---	-17,218.63	0.00	17,218.63
CNB-Chandler	477877AD6	JDOT 14B A3	-68,089.94	USD	Principal Paydown	05/15/2017	05/15/2017	11/15/2018	---	-68,089.94	0.00	68,089.94
CNB-Chandler	477877VAC5	JDOT 14 A3	-20,459.90	USD	Principal Paydown	05/15/2017	05/15/2017	04/16/2018	---	-20,459.90	0.00	20,459.90
CNB-Chandler	47788MAB6	JDOT 16 A2	-101,434.51	USD	Principal Paydown	05/15/2017	05/15/2017	10/15/2018	---	-101,434.51	0.00	101,434.51
CNB-Chandler	47788NAB4	JDOT 16B A2	-99,684.94	USD	Principal Paydown	05/15/2017	05/15/2017	02/15/2019	---	-99,684.94	0.00	99,684.94
CNB-Chandler	60934N104	FEDR GOV OBLIGATIONS CL IS MMF	1,605,984.15	USD	Buy	---	---	05/31/2017	1.00	1,605,984.15	0.00	-1,605,984.15
CNB-Chandler	60934N104	FEDR GOV OBLIGATIONS CL IS MMF	-1,170,408.08	USD	Sell	---	---	05/31/2017	1.00	-1,170,408.08	0.00	1,170,408.08
CNB-PFM	60934N104	FEDR GOV OBLIGATIONS CL IS MMF	76,976.07	USD	Buy	---	---	05/31/2017	1.00	76,976.07	0.00	-76,976.07
CNB-PFM	60934N104	FEDR GOV OBLIGATIONS CL IS MMF	-336,260.89	USD	Sell	---	---	05/31/2017	1.00	-336,260.89	0.00	336,260.89
CNB-Chandler	65478WAB1	NAROT 16C A2A	-44,227.93	USD	Principal Paydown	05/15/2017	05/15/2017	05/15/2019	---	-44,227.93	0.00	44,227.93
CNB-Chandler	857477AS2	STATE STREET CORP	400,000.00	USD	Buy	05/22/2017	05/25/2017	08/18/2020	102.029	408,116.00	2,748.33	-410,864.33
CNB-PFM	86563YVNO	Sumitomo Mitsui Banking Corporation	1,700,000.00	USD	Buy	05/03/2017	05/04/2017	05/03/2019	100.00	1,700,000.00	0.00	-1,700,000.00
CNB-Chandler	89236WAC2	TAOT 15A A3	-41,959.70	USD	Principal Paydown	05/15/2017	05/15/2017	02/15/2019	---	-41,959.70	0.00	41,959.70
CNB-PFM	904764AV9	UNILEVER CAPITAL CORP	125,000.00	USD	Buy	05/02/2017	05/05/2017	05/05/2020	99.681	124,601.25	0.00	-124,601.25
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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.