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# **CITY OF ANN ARBOR**

June 2018

Part of BNY MELLON

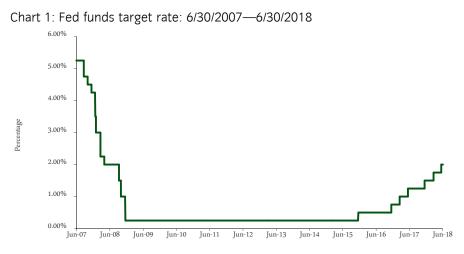


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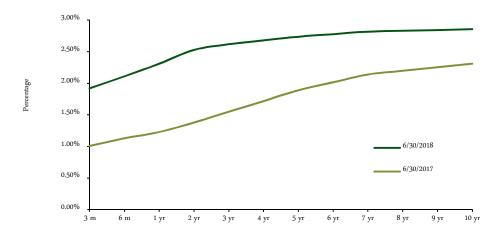
#### FIXED INCOME MARKET REVIEW

#### As of June 30, 2018



Source: Bloomberg Finance LP, June 30, 2018.

#### Chart 2: Treasury yield curve: 6/30/2017 and 6/30/2018



Source: Bloomberg Finance LP, June 30, 2018.

#### Economic Indicators and Monetary Policy

On June 13, the Federal Open Market Committee (FOMC) met and unanimously agreed to increase the federal funds target range by 25 basis points to 1.75% to 2%. (See Chart 1). The FOMC statement noted a strengthening labor market and solid economic activity since the May meeting. The statement also reflected that the FOMC expects further gradual increases in the target rate will be consistent with continued economic expansion, strong labor market conditions and inflation near the FOMC's 2% symmetrical target over the medium-term. Forward guidance from the FOMC meeting revealed that the median forecast for the upper range of the federal funds target rate at year-end 2018 is 2.375%, indicating that one-to-two additional rate increases are expected this year as of the June meeting.

The employment report released on June 1 showed an increase of 223,000 jobs in May, better than expectations for 190,000 jobs added. The unemployment rate decreased 0.1% to 3.8% and the underemployment rate fell 0.2% to 7.6% in May. Average hourly earnings increased 0.1% to 2.7% annual growth, better than expectations for 2.6% growth.

At the start of June, the Institute for Supply Management (ISM) Manufacturing and Non-Manufacturing Indices both pushed higher for May readings of 58.7% and 58.6% respectively. The final estimate for first quarter Gross Domestic Product (GDP) was released on June 28 showing 2% growth, revised down from the second estimate of 2.2% and an original estimate of 2.3% growth. Personal consumption was revised downward to 0.9% growth and inventories and net exports subtracted from the final estimate GDP.

The Consumer Price Index (CPI) data released on June 12 showed 0.2% increases in the headline and core readings, in line with expectations. On an annual basis, the headline CPI was 2.8% for May and factoring out food and energy, the core level was 2.2%.

#### Interest Rate Summary

At the end of June, the 3-month US Treasury bill yielded 1.92%, the 6-month US Treasury bill yielded 2.11%, the 2-year US Treasury note yielded 2.53%, the 5-year US Treasury note yielded 2.74% and the 10-year US Treasury note yielded 2.86%. (See Chart 2).

# ACTIVITY AND PERFORMANCE SUMMARY

#### For the period June 1, 2018 - June 30, 2018

Amortized Co	st Basis Activity Summary
Opening balance	233,362,741.75
Income received	116,875.00
Total receipts	116,875.00
Total disbursements	0.00
Interportfolio transfers	(10,197,588.90)
Total Interportfolio transfers	(10,197,588.90)
Realized gain (loss)	(209.92)
Total amortization expense	(27,615.66)
Total OID/MKT accretion income	38,906.05
Return of capital	0.00
Closing balance	223,293,108.32
Ending fair value	219,911,656.00
Unrealized gain (loss)	(3,381,452.32)

Detail of Amortized Cost Basis Return							
Interest Accretion Realized earned (amortization) gain (loss)							
Commercial Paper	0.00	32,050.60	(209.92)	31,840.68			
Government Agencies	177,044.49	(7,415.86)	0.00	169,628.63			
Government Bonds	93,337.90	(13,344.35)	0.00	79,993.55			
Total	270,382.39	11,290.39	(209.92)	281,462.86			

Comparative Rates of Return (%)						
	* Twelve month trailing	* Six month trailing	* One month			
Fed Funds	1.38	0.79	0.15			
Overnight Repo	1.38	0.80	0.15			
Merrill Lynch 3m US Treas Bill	1.38	0.83	0.15			
Merrill Lynch 6m US Treas Bill	1.51	0.90	0.17			
ML 1 Year US Treasury Note	1.74	1.03	0.19			
ML 2 Year US Treasury Note	1.95	1.14	0.21			
ML 5 Year US Treasury Note	2.29	1.31	0.23			

Summary of Amortized Cost Basis Return for the Period	
	Total portfolio
Interest earned	270,382.39
Accretion (amortization)	11,290.39
Realized gain (loss) on sales	(209.92)
Total income on portfolio	281,462.86
Average daily amortized cost	231,486,375.29
Period return (%)	0.12
YTD return (%)	0.70
Weighted average final maturity in days	551

\* rates reflected are cumulative

# ACTIVITY AND PERFORMANCE SUMMARY

#### For the period June 1, 2018 - June 30, 2018

<u>Fair Value Ba</u>	<u>sis Activity Summary</u>	
Opening balance		230,146,172.15
Income received	116,875.00	
Total receipts		116,875.00
Total disbursements		0.00
Interportfolio transfers	(10,197,588.90)	
Total Interportfolio transfers		(10,197,588.90)
Unrealized gain (loss) on security movements		0.00
Return of capital		0.00
Change in fair value for the period		(153,802.25)
Ending fair value		219,911,656.00

Detail of Fair Value Basis Return					
	Interest earned		Total income		
Commercial Paper	0.00	30,767.75	30,767.75		
Government Agencies	177,044.49	(125,735.00)	51,309.49		
Government Bonds	93,337.90	(58,835.00)	34,502.90		
Total	270,382.39	(153,802.25)	116,580.14		

Comparative Rates of Return (%)						
	* Twelve month trailing	* Six month trailing	* One month			
Fed Funds	1.38	0.79	0.15			
Overnight Repo	1.38	0.80	0.15			
ICE ML 3m US Treas Bill	1.36	0.81	0.17			
ICE ML 6m US Treas Bill	1.39	0.80	0.16			
ICE ML 1 Year US Treasury Note	0.92	0.65	0.12			
ICE ML US Treasury 1-3	0.08	0.09	0.02			
ICE ML US Treasury 1-5	(0.35)	(0.25)	(0.01)			

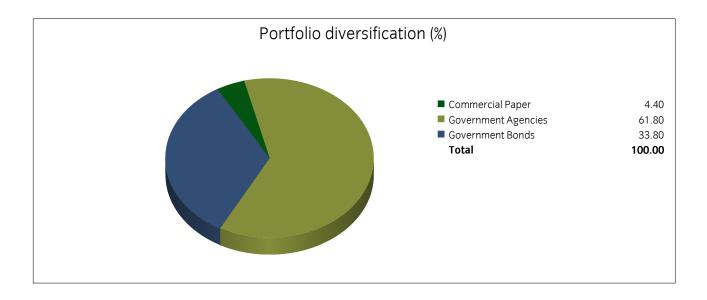
Summary of Fair Value Basis Return for the Period	
	Total portfolio
Interest earned	270,382.39
Change in fair value	(153,802.25)
Total income on portfolio	116,580.14
Average daily total value *	228,782,561.81
Period return (%)	0.05
YTD return (%)	0.27
Weighted average final maturity in days	551

\* Total value equals market value and accrued interest

\* rates reflected are cumulative

## **RECAP OF SECURITIES HELD**

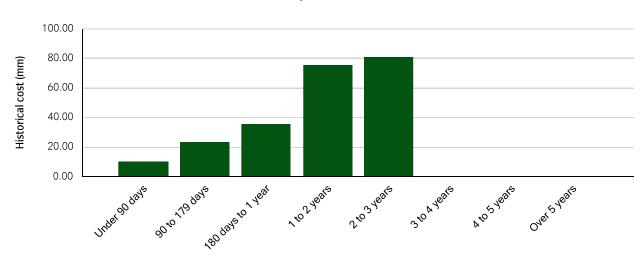
	Historical cost	Amortized cost	Fair value	Unrealized gain (loss)	Weighted average final maturity (days)	Percent of portfolio	Weighted average effective duration (years)
Commercial Paper	9,857,027.75	9,878,819.09	9,875,215.00	(3,604.09)	179	4.40	0.48
Government Agencies	138,325,780.00	138,035,505.65	136,083,236.00	(1,952,269.65)	552	61.80	1.45
Government Bonds	75,661,132.83	75,378,783.58	73,953,205.00	(1,425,578.58)	598	33.80	1.59
Total	223,843,940.58	223,293,108.32	219,911,656.00	(3,381,452.32)	551	100.00	1.46



# MATURITY DISTRIBUTION OF SECURITIES HELD

#### As of June 30, 2018

Maturity	Historic cost	Percent
Under 90 days	10,010,282.81	4.47
90 to 179 days	23,064,448.21	10.30
180 days to 1 year	35,107,729.86	15.68
1 to 2 years	75,100,378.14	33.55
2 to 3 years	80,561,101.56	35.99
3 to 4 years	0.00	0.00
4 to 5 years	0.00	0.00
Over 5 years	0.00	0.00
	223,843,940.58	100.00



Maturity distribution

#### CITY OF ANN ARBOR

# SECURITIES HELD

Cusip/ Description	Coupon Maturity/ Call date	Par value or shares	Historical cost/ Accrued interest purchased	Amortized cost/ Accretion (amortization)	Fair value/ Change in fair value	Unrealized gain (loss)	Interest received	Interest earned	Total accrued interest	% Port cost
<b>Commercial Paper</b>										
46640QLD1 CP J.P. MORGAN SECURITIES LLC - ARRANGING BROKER 0% 13/11/2018	0.000 11/13/2018	5,000,000.00	4,939,666.65 0.00	4,954,915.74 9,945.06	4,954,333.35 10,611.95	(582.39)	0.00	0.00	0.00	2.21
4497W1P67 CP ING US FUNDING LLC 0% 06/02/2019	0.000 02/06/2019	5,000,000.00	4,917,361.10 0.00	4,923,903.35 6,542.25	4,920,881.65 3,520.55	(3,021.70)	0.00	0.00	0.00	2.20
Total Commercial Paper		10,000,000.00	9,857,027.75 0.00	9,878,819.09 16,487.31	9,875,215.00 14,132.50	(3,604.09)	0.00	0.00	0.00	4.40
Government Agencies	5									
3130A6AE7 FEDERAL HOME LOAN BANK 1.125% 14SEP2018	1.125 09/14/2018	5,000,000.00	5,017,900.00 0.00	5,001,254.36 (508.52)	4,990,430.00 7,355.00	(10,824.36)	0.00	4,531.25	16,562.50	2.24
3135G0YT4 FANNIE MAE 1.625% 27NOV2018	1.625 11/27/2018	5,000,000.00	5,017,650.00 0.00	5,001,814.37 (370.28)	4,990,150.00 1,680.00	(11,664.37)	0.00	6,545.14	7,447.92	2.24
313376BR5 FEDERAL HOME LOAN BANK 1.75% 14DEC2018	1.750 12/14/2018	8,000,000.00	8,153,030.00 0.00	8,023,559.81 (4,309.72)	7,983,696.00 680.00	(39,863.81)	70,000.00	11,277.78	6,222.22	3.64
3136FTZZ5 FANNIE MAE 1.75% 30JAN2019 CALLABLE	1.750 01/30/2019	5,000,000.00	5,094,650.00 0.00	5,019,316.33 (2,759.47)	4,985,850.00 6,600.00	(33,466.33)	0.00	7,291.66	36,458.33	2.28
3133EE5P1 FEDERAL FARM CREDIT BANK 1.32% 30JAN2019	1.320 01/30/2019	5,000,000.00	5,015,650.00 0.00	5,002,665.45 (380.78)	4,974,350.00 1,300.00	(28,315.45)	0.00	5,500.00	27,500.00	2.24
3133EDVK5 FEDERAL FARM CREDIT BANK 1.75% 18MAR2019	1.750 03/18/2019	5,000,000.00	5,024,600.00 0.00	5,004,118.62 (478.91)	4,981,200.00 (1,050.00)	(22,918.62)	0.00	7,048.61	24,791.67	2.24

Cusip/ Description	Coupon	Maturity/ Call date	Par value or shares	Historical cost/ Accrued interest purchased	Amortized cost/ Accretion (amortization)	/Fair value Change in fair value	Unrealized gain (loss)	Interest received	Interest earned	Total accrued interest	% Port cost
Government Agencies	5										
3136G3RW7	1.270	05/30/2019	5,000,000.00	5,000,000.00	5,000,000.00	4,950,350.00	(49,650.00)	0.00	5,291.67	5,291.67	2.23
FANNIE MAE 1.27% 30MAY2019 CALLABLE				0.00	0.00	(350.00)					
3136G3K87	1.180	07/25/2019	5,000,000.00	4,996,250.00	4,998,671.80	4,934,500.00	(64,171.80)	0.00	4,752.78	25,402.78	2.23
FANNIE MAE 1.18% 25JUL2019 (CALLABLE 25JUL18)		07/25/2018		0.00	103.49	(1,100.00)					
3134G3JM3	2.000	07/30/2019	5,000,000.00	5,025,300.00	5,005,034.18	4,975,825.00	(29,209.18)	0.00	8,333.34	41,666.67	2.25
FREDDIE MAC 2% 30JUL2019 CALLABLE				0.00	(387.25)	(6,860.00)					
3136G34F9	1.125	08/28/2019	5,000,000.00	4,996,900.00	4,998,807.91	4,925,650.00	(73,157.91)	0.00	4,531.25	19,062.50	2.23
FANNIE MAE 1.125% 28AUG2019 CALLABLE #0001				0.00	85.55	(1,300.00)					
3135G0Q30	1.180	09/27/2019	5,000,000.00	4,962,000.00	4,983,281.50	4,920,350.00	(62,931.50)	0.00	4,752.78	15,241.67	2.22
FANNIE MAE 1.18% 27SEP2019 CALLABLE				0.00	1,122.05	(4,750.00)					
3134G8PD5	1.350	09/30/2019	5,000,000.00	5,000,000.00	5,000,000.00	4,930,650.00	(69,350.00)	0.00	5,625.00	16,875.00	2.23
FREDDIE MAC 1.35% 30SEP2019 CALLABLE				0.00	0.00	(4,100.00)					
3137EADM8	1.250	10/02/2019	5,000,000.00	5,013,050.00	5,004,886.99	4,924,030.00	(80,856.99)	0.00	5,034.72	15,277.78	2.24
FREDDIE MAC 1.25% 020CT2019				0.00	(324.36)	(3,680.00)					
3136G0T68	1.330	10/24/2019	5,000,000.00	4,991,700.00	4,997,325.49	4,920,950.00	(76,375.49)	0.00	5,356.95	12,191.67	2.23
FANNIE MAE 1.33% 24OCT2019 CALLABLE				0.00	169.27	(9,050.00)					
3136G2YA9	1.400	11/26/2019	5,000,000.00	4,998,750.00	4,999,531.83	4,926,350.00	(73,181.83)	0.00	5,638.89	24,111.11	2.23
FANNIE MAE 1.4% 26NOV2019 (CALLABLE 26AUG18)		08/26/2018		0.00	27.76	(4,850.00)					
3130ADN32	2.125	02/11/2020	5,000,000.00	4,979,650.00	4,982,814.90	4,969,460.00	(13,354.90)	0.00	8,559.02	41,614.58	2.22
FEDERAL HOME LOAN BANK 2.125% 11FEB2020				0.00	887.36	(5,780.00)					

CITY OF ANN ARBOR

Cusip/ Description	Coupon	Maturity/ Call date	Par value or shares	Historical cost/ Accrued interest purchased	Amortized cost/ Accretion (amortization)	/Fair value Change in fair value	Unrealized gain (loss)	Interest received	Interest earned	Total accrued interest	% Port cost
Government Agencies	5										
3133EFZT7 FEDERAL FARM CREDIT BANK 1.4% 24FEB2020 (CALLABLE 12JUL18)	1.400	02/24/2020	5,000,000.00	5,000,000.00 0.00	5,000,000.00 0.00	4,898,100.00 (4,850.00)	(101,900.00)	0.00	5,638.89	24,500.00	2.23
3137EAEM7 FREDDIE MAC 2.5% 23APR2020	2.500	04/23/2020	5,000,000.00	4,987,950.00 0.00	4,988,645.53 521.65	4,991,265.00 (11,100.00)	2,619.47	0.00	10,069.45	24,652.78	2.23
3134GABM5 FREDDIE MAC 1.3% 28AUG2020 CALLABLE	1.300	08/28/2020	5,000,000.00	5,000,000.00 0.00	5,000,000.00 0.00	4,866,050.00 (7,250.00)	(133,950.00)	0.00	5,236.11	22,027.78	2.23
3134G3K90 FREDDIE MAC 1.7% 25SEP2020 CALLABLE	1.700	09/25/2020	5,000,000.00	5,000,000.00 0.00	5,000,000.00 0.00	4,903,650.00 (4,800.00)	(96,350.00)	0.00	6,847.23	22,430.56	2.23
3133EGXX8 FEDERAL FARM CREDIT BANK 1.34% 130CT2020 (CALLABLE 12JUL18)	1.340	10/13/2020	5,000,000.00	4,988,750.00 0.00	4,993,605.84 233.08	4,834,750.00 (7,500.00)	(158,855.84)	0.00	5,397.23	14,330.56	2.23
3135G0F73 FANNIE MAE 1.5% 30NOV2020	1.500	11/30/2020	5,000,000.00	5,080,350.00 0.00	5,045,070.60 (1,554.16)	4,866,335.00 (13,175.00)	(178,735.60)	0.00	6,250.00	6,250.00	2.27
3130A3UQ5 FEDERAL HOME LOAN BANK 1.875% 11DEC2020	1.875	12/11/2020	5,000,000.00	4,981,650.00 0.00	4,985,100.14 507.38	4,897,695.00 (18,605.00)	(87,405.14)	46,875.00	7,552.09	4,947.92	2.23
3130ABZQ2 FEDERAL HOME LOAN BANK 1.75% 08FEB2021 (CALLABLE 08AUG18) #0000	1.750	02/08/2021 08/08/2018	5,000,000.00	5,000,000.00 0.00	5,000,000.00 0.00	4,875,300.00 (7,350.00)	(124,700.00)	0.00	7,048.61	34,513.89	2.23
3134GBG48 FREDDIE MAC 1.75% 29MAR2021 (CALLABLE 29SEP18)	1.750	03/29/2021 09/29/2018	5,000,000.00	5,000,000.00 0.00	5,000,000.00 0.00	4,873,600.00 (6,300.00)	(126,400.00)	0.00	7,048.62	22,118.06	2.23

Cusip/ Description	Coupon Maturity Call date		Historical cost/ Accrued interest purchased	Amortized cost/ Accretion (amortization)	/Fair value Change in fair value	Unrealized gain (loss)	Interest received	Interest earned	Total accrued interest	% Port cost
Government Agencies	S									
3130ACLQ5	2.000 04/30/202	5,000,000.00	5,000,000.00	5,000,000.00	4,900,000.00	(100,000.00)	0.00	8,333.34	16,666.67	2.23
FEDERAL HOME LOAN BANK 2% 30APR2021 (CALLABLE 30JUL18) #0000	07/30/2018	3	0.00	0.00	(9,650.00)					
3134GBC75	1.875 05/28/202	5,000,000.00	5,000,000.00	5,000,000.00	4,892,700.00	(107,300.00)	0.00	7,552.08	8,333.33	2.23
FREDDIE MAC 1.875% 28MAY2021 (CALLABLE 28AUG18)	08/28/201	3	0.00	0.00	(9,900.00)					
Total Government Agencies		138,000,000.00	138,325,780.00	138,035,505.65	136,083,236.00	(1,952,269.65)	116,875.00	177,044.49	536,489.62	61.80
			0.00	(7,415.86)	(125,735.00)					
Government Bonds										
912828L40	1.000 09/15/2018	5,000,000.00	4,992,382.81	4,998,987.01	4,990,400.00	(8,587.01)	0.00	4,076.08	14,538.04	2.23
USA TREASURY 1% 15SEP2018			0.00	394.68	4,350.00					
912828L81	0.875 10/15/2018	5,000,000.00	4,954,101.56	4,995,401.56	4,983,900.00	(11,501.56)	0.00	3,586.07	9,084.70	2.21
USA TREASURY 0.875% 15OCT2018			0.00	1,289.28	5,190.00					
912828B33	1.500 01/31/2019	5,000,000.00	5,073,828.13	5,013,305.15	4,979,100.00	(34,205.15)	0.00	6,215.47	31,077.35	2.27
USA TREASURY 1.5% 31JAN2019			0.00	(1,856.54)	1,560.00					
912828C24	1.500 02/28/2019	5,000,000.00	4,981,640.63	4,989,744.08	4,975,585.00	(14,159.08)	0.00	6,114.13	24,864.13	2.23
USA TREASURY 1.5% 28FEB2019			0.00	1,266.17	1,950.00					
912828WS5	1.625 06/30/2019	5,000,000.00	5,087,890.63	5,026,845.26	4,963,475.00	(63,370.26)	0.00	6,733.42	40,625.00	2.27
USA TREASURY 1.625% 30JUN2019			0.00	(2,206.45)	(1,175.00)					
912828F62	1.500 10/31/2019	5,000,000.00	5,009,765.63	5,004,813.77	4,937,890.00	(66,923.77)	0.00	6,114.13	12,432.07	2.24
USA TREASURY 1.5% 31OCT2019			0.00	(295.92)	(2,930.00)					

#### CITY OF ANN ARBOR

Cusip/ Description	Coupon Maturity/ Call date	Par value or shares	Historical cost/ Accrued interest purchased	Amortized cost/ Accretion (amortization)	/Fair value Change in fair value	Unrealized gain (loss)	Interest received	Interest earned	Total accrued interest	% Port cost
Government Bonds										
912828UL2 USA TREASURY 1.375% 31JAN2020	1.375 01/31/2020	5,000,000.00	4,990,429.69 0.00	4,995,210.72 247.73	4,914,260.00 (4,685.00)	(80,950.72)	0.00	5,697.51	28,487.57	2.23
912828J50 USA TREASURY 1.375% 29FEB2020	1.375 02/29/2020	5,000,000.00	5,060,742.19 0.00	5,029,428.79 (1,449.70)	4,907,615.00 (5,080.00)	(121,813.79)	0.00	5,604.62	22,792.12	2.26
912828XH8 USA TREASURY 1.625% 30JUN2020	1.625 06/30/2020	5,000,000.00	5,119,531.25 0.00	5,060,720.88 (2,491.96)	4,911,135.00 (7,810.00)	(149,585.88)	0.00	6,733.42	40,625.00	2.29
912828L65 USA TREASURY 1.375% 30SEP2020	1.375 09/30/2020	5,000,000.00	5,064,062.50 0.00	5,035,148.96 (1,281.25)	4,870,115.00 (7,035.00)	(165,033.96)	0.00	5,635.25	17,093.58	2.26
912828WC0 USA TREASURY 1.75% 31OCT2020	1.750 10/31/2020	5,000,000.00	5,000,195.31 0.00	5,000,153.16 (5.38)	4,906,445.00 (7,620.00)	(93,708.16)	0.00	7,133.16	14,504.08	2.23
912828L99 USA TREASURY 1.375% 31OCT2020	1.375 10/31/2020	5,000,000.00	5,036,328.13 0.00	5,021,249.47 (746.47)	4,864,065.00 (6,640.00)	(157,184.47)	0.00	5,604.62	11,396.06	2.25
912828N89 USA TREASURY 1.375% 31JAN2021	1.375 01/31/2021	5,000,000.00	5,072,656.25 0.00	5,042,038.42 (1,333.14)	4,847,460.00 (7,230.00)	(194,578.42)	0.00	5,697.51	28,487.57	2.27
912828C57 USA TREASURY 2.25% 31MAR2021	2.250 03/31/2021	5,000,000.00	5,108,789.06 0.00	5,082,577.80 (2,465.01)	4,951,760.00 (10,740.00)	(130,817.80)	0.00	9,221.31	27,971.31	2.28

Cusip/ Description	Coupon Maturity/ Call date	Par value or shares	Historical cost/ Accrued interest purchased	Amortized cost/ Accretion (amortization)	Fair value/ Change in fair value	Unrealized gain (loss)	Interest received	Interest earned	Total accrued interest	% Port cost
Government Bonds										
912828WG1 USA TREASURY 2.25% 30APR2021	2.250 04/30/2021	5,000,000.00	5,108,789.06 0.00	5,083,158.55 (2,410.39)	4,950,000.00 (10,940.00)	(133,158.55)	0.00	9,171.20	18,648.10	2.28
Total Government Bonds		75,000,000.00	75,661,132.83 0.00	75,378,783.58 (13,344.35)	73,953,205.00 (58,835.00)	(1,425,578.58)	0.00	93,337.90	342,626.68	33.80
Grand total		223,000,000.00	223,843,940.58 0.00	223,293,108.32 (4,272.90)	219,911,656.00 ( (170,437.50)	(3,381,452.32)	116,875.00	270,382.39	879,116.30	100.00

# GASB 40 - DEPOSIT AND INVESTMENT RISK DISCLOSURE

Cusip	Description	Coupon	Maturity date	Call date	S&P rating	Moody rating	Par value or shares	Historical cost	% Portfolio hist cost	Market value	% Portfolio mkt value	Effective dur (yrs)
United S	tates Treasury Note/I	Bond										
912828L40	USA TREASURY 1%	1.000	09/15/2018		AA+	Aaa	5,000,000.00	4,992,382.81	2.23	4,990,400.00	2.27	0.21
912828L81	USA TREASURY 0.875%	0.875	10/15/2018		AA+	Aaa	5,000,000.00	4,954,101.56	2.21	4,983,900.00	2.27	0.29
912828B33	USA TREASURY 1.5%	1.500	01/31/2019		AA+	Aaa	5,000,000.00	5,073,828.13	2.27	4,979,100.00	2.26	0.58
912828C24	USA TREASURY 1.5%	1.500	02/28/2019		AA+	Aaa	5,000,000.00	4,981,640.63	2.23	4,975,585.00	2.26	0.66
912828WS5	USA TREASURY 1.625%	1.625	06/30/2019		AA+	Aaa	5,000,000.00	5,087,890.63	2.27	4,963,475.00	2.26	0.98
912828F62	USA TREASURY 1.5%	1.500	10/31/2019		AA+	Aaa	5,000,000.00	5,009,765.63	2.24	4,937,890.00	2.25	1.31
912828UL2	USA TREASURY 1.375%	1.375	01/31/2020		AA+	Aaa	5,000,000.00	4,990,429.69	2.23	4,914,260.00	2.23	1.55
912828J50	USA TREASURY 1.375%	1.375	02/29/2020		AA+	Aaa	5,000,000.00	5,060,742.19	2.26	4,907,615.00	2.23	1.63
912828XH8	USA TREASURY 1.625%	1.625	06/30/2020		AA+	Aaa	5,000,000.00	5,119,531.25	2.29	4,911,135.00	2.23	1.95
912828L65	USA TREASURY 1.375%	1.375	09/30/2020		AA+	Aaa	5,000,000.00	5,064,062.50	2.26	4,870,115.00	2.21	2.19
912828WC0	USA TREASURY 1.75%	1.750	10/31/2020		AA+	Aaa	5,000,000.00	5,000,195.31	2.23	4,906,445.00	2.23	2.26
912828L99	USA TREASURY 1.375%	1.375	10/31/2020		AA+	Aaa	5,000,000.00	5,036,328.13	2.25	4,864,065.00	2.21	2.27
912828N89	USA TREASURY 1.375%	1.375	01/31/2021		AA+	Aaa	5,000,000.00	5,072,656.25	2.27	4,847,460.00	2.20	2.51
912828C57	USA TREASURY 2.25%	2.250	03/31/2021		AA+	Aaa	5,000,000.00	5,108,789.06	2.28	4,951,760.00	2.25	2.63
912828WG1	USA TREASURY 2.25%	2.250	04/30/2021		AA+	Aaa	5,000,000.00	5,108,789.06	2.28	4,950,000.00	2.25	2.72
Issuer tota	I						75,000,000.00	75,661,132.83	33.80	73,953,205.00	33.63	1.59
Federal	National Mortgage As	ssociation	1									
3135G0YT4	FANNIE MAE 1.625%	1.625	11/27/2018		AA+	Aaa	5,000,000.00	5,017,650.00	2.24	4,990,150.00	2.27	0.41
3136FTZZ5	FANNIE MAE 1.75%	1.750	01/30/2019		AA+	Aaa	5,000,000.00	5,094,650.00	2.28	4,985,850.00	2.27	0.58
3136G3RW7	FANNIE MAE 1.27%	1.270	05/30/2019		AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,950,350.00	2.25	0.90
3136G3K87	FANNIE MAE 1.18%	1.180	07/25/2019	07/25/2018	AA+	Aaa	5,000,000.00	4,996,250.00	2.23	4,934,500.00	2.24	1.05
3136G34F9	FANNIE MAE 1.125%	1.125	08/28/2019		AA+	Aaa	5,000,000.00	4,996,900.00	2.23	4,925,650.00	2.24	1.14
3135G0Q30	FANNIE MAE 1.18%	1.180	09/27/2019		AA+	Aaa	5,000,000.00	4,962,000.00	2.22	4,920,350.00	2.24	1.22
3136G0T68	FANNIE MAE 1.33%	1.330	10/24/2019		AA+	Aaa	5,000,000.00	4,991,700.00	2.23	4,920,950.00	2.24	1.29

#### CITY OF ANN ARBOR

# GASB 40 - DEPOSIT AND INVESTMENT RISK DISCLOSURE

Cusip	Description	Coupon	Maturity date	Call date	S&P rating	Moody rating	Par value or shares	Historical cost	% Portfolio hist cost	Market value	% Portfolio mkt value	Effective dur (yrs)
Federal I	National Mortgage A	ssociation										
3136G2YA9	FANNIE MAE 1.4%	1.400	11/26/2019	08/26/2018	AA+	Aaa	5,000,000.00	4,998,750.00	2.23	4,926,350.00	2.24	1.37
3135G0F73	FANNIE MAE 1.5%	1.500	11/30/2020		AA+	Aaa	5,000,000.00	5,080,350.00	2.27	4,866,335.00	2.21	2.35
lssuer tota	I						45,000,000.00	45,138,250.00	20.17	44,420,485.00	20.20	1.15
Federal I	Home Loan Mortgage	e Corp										
3134G3JM3	FREDDIE MAC 2%	2.000	07/30/2019		AA+	Aaa	5,000,000.00	5,025,300.00	2.25	4,975,825.00	2.26	1.05
3134G8PD5	FREDDIE MAC 1.35%	1.350	09/30/2019		AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,930,650.00	2.24	1.23
3137EADM8	FREDDIE MAC 1.25%	1.250	10/02/2019		AA+	Aaa	5,000,000.00	5,013,050.00	2.24	4,924,030.00	2.24	1.23
3137EAEM7	FREDDIE MAC 2.5%	2.500	04/23/2020		AA+	Aaa	5,000,000.00	4,987,950.00	2.23	4,991,265.00	2.27	1.75
3134GABM5	FREDDIE MAC 1.3%	1.300	08/28/2020		AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,866,050.00	2.21	2.11
3134G3K90	FREDDIE MAC 1.7%	1.700	09/25/2020		AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,903,650.00	2.23	2.17
3134GBG48	FREDDIE MAC 1.75%	1.750	03/29/2021	09/29/2018	AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,873,600.00	2.22	2.57
3134GBC75	FREDDIE MAC 1.875%	1.875	05/28/2021	08/28/2018	AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,892,700.00	2.22	2.65
lssuer tota	I						40,000,000.00	40,026,300.00	17.88	39,357,770.00	17.90	1.84
Federal I	Home Loan Banks											
3130A6AE7	FEDERAL HOME LOAN	1.125	09/14/2018		AA+	Aaa	5,000,000.00	5,017,900.00	2.24	4,990,430.00	2.27	0.21
313376BR5	FEDERAL HOME LOAN	1.750	12/14/2018		AA+	Aaa	8,000,000.00	8,153,030.00	3.64	7,983,696.00	3.63	0.46
3130ADN32	FEDERAL HOME LOAN	2.125	02/11/2020		AA+	Aaa	5,000,000.00	4,979,650.00	2.22	4,969,460.00	2.26	1.56
3130A3UQ5	FEDERAL HOME LOAN	1.875	12/11/2020		AA+	Aaa	5,000,000.00	4,981,650.00	2.23	4,897,695.00	2.23	2.37
3130ABZQ2	FEDERAL HOME LOAN	1.750	02/08/2021	08/08/2018	AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,875,300.00	2.22	2.52
3130ACLQ5	FEDERAL HOME LOAN	2.000	04/30/2021	07/30/2018	AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,900,000.00	2.23	2.57
lssuer tota	l						33,000,000.00	33,132,230.00	14.80	32,616,581.00	14.83	1.50
Federal F	Farm Credit Banks											
3133EE5P1	FEDERAL FARM CREDIT	1.320	01/30/2019		AA+	Aaa	5,000,000.00	5,015,650.00	2.24	4,974,350.00	2.26	0.58

# GASB 40 - DEPOSIT AND INVESTMENT RISK DISCLOSURE

Cusip	Description	Coupon	Maturity date	Call date	S&P rating	Moody rating	Par value or shares	Historical cost	% Portfolio hist cost	Market value	% Portfolio mkt value	Effective dur (yrs)
Federal	Farm Credit Banks											
3133EDVK	5 FEDERAL FARM CREDIT	1.750	03/18/2019		AA+	Aaa	5,000,000.00	5,024,600.00	2.24	4,981,200.00	2.27	0.71
3133EFZT7	FEDERAL FARM CREDIT	1.400	02/24/2020		AA+	Aaa	5,000,000.00	5,000,000.00	2.23	4,898,100.00	2.23	1.61
3133EGXX	<sup>8</sup> FEDERAL FARM CREDIT	1.340	10/13/2020		AA+	Aaa	5,000,000.00	4,988,750.00	2.23	4,834,750.00	2.20	2.22
Issuer to	al						20,000,000.00	20,029,000.00	8.95	19,688,400.00	8.95	1.28
JP Morg	an Securities LLC											
46640QLD	1 CP J.P. MORGAN	0.000	11/13/2018		A-1	P-1	5,000,000.00	4,939,666.65	2.21	4,954,333.35	2.25	0.37
Issuer to	al						5,000,000.00	4,939,666.65	2.21	4,954,333.35	2.25	0.37
ING US	FDG LLC											
4497W1P6	7 CP ING US FUNDING LLC	0.000	02/06/2019		A-1	P-1	5,000,000.00	4,917,361.10	2.20	4,920,881.65	2.24	0.60
Issuer to	al						5,000,000.00	4,917,361.10	2.20	4,920,881.65	2.24	0.60
Grand tot	al		_				223,000,000.00	223,843,940.58	100.00	219,911,656.00	100.00	1.46

## SECURITIES PURCHASED

#### For the period June 1, 2018 - June 30, 2018

Cusip / Description / Broker	Trade date Settle date	Coupon	Maturity/ Call date	Par value or shares	Unit cost	Principal cost	Accrued interest purchased
Commercial Paper							
4497W1P67	06/11/2018	0.000	02/06/2019	5,000,000.00	98.35	(4,917,361.10)	0.00
CP ING US FUNDING LLC 0% 06/02/2019	06/13/2018						
J.P. MORGAN SECURITIES PLC							
Total Commercial Paper				5,000,000.00		(4,917,361.10)	0.00
Grand total				5,000,000.00		(4,917,361.10)	0.00

## SECURITIES SOLD AND MATURED

#### For the period June 1, 2018 - June 30, 2018

Cusip/ Description/ Broker	Trade date Settle date	Coupon Matu Call (	,	Historical cost	Amortized cost at sale or maturity /Accr (amort)	Price	Fair value at sale or maturity / Chg.in fair value	Realized gain (loss)	Accrued interest sold	Interest received	Interest earned
Commercial Paper											
4497W1FD3 ING U S FDG LLC DISC COML PAPER 3/A3 YRS 3&4 06-13-2018	06/13/2018 06/13/2018	0.000	(5,000,000.00)	4,967,720.85	5,000,000.00 3,203.27	0.00	5,000,000.00 3,322.20	0.00	0.00	0.00	0.00
88602UFN5 THUNDER BAY FDG LLC DISC COML PAPER 4/2 YRS 3&4 DUE 06-22-2018	06/22/2018 06/22/2018	0.000	(5,000,000.00)	4,968,791.65	5,000,000.00 6,357.26	0.00	5,000,000.00 5,778.05	0.00	0.00	0.00	0.00
89233HG65 TOYOTA MTR CR CORP 06JUL2018 CITIGROUP GLOBAL MARKETS INC.	06/28/2018 06/29/2018	0.000 07/06/2	2018 (5,000,000.00)	4,948,333.35	4,998,284.92 6,002.76	99.96	4,998,075.00 7,535.00	(209.92)	0.00	0.00	0.00
Total (Commercial Paper)			(15,000,000.00)	14,884,845.85	14,998,284.92		14,998,075.00	(209.92)	0.00	0.00	0.00

i (Commercial Paper)	(15,000,000.00)	14,884,845.85	14,998,284.92 15,563.29	16,635.25	(209.92)	0.00	0.00	0.00
d total	(15,000,000.00)	14,884,845.85	14,998,284.92 15,563.29	14,998,075.00 16,635.25	(209.92)	0.00	0.00	0.00

CITY OF ANN ARBOR

## **TRANSACTION REPORT**

#### For the period June 1, 2018 - June 30, 2018

Trade date Settle date	Cusip	Transaction	Sec type	Description	Maturity	Par value or shares	Realized gain(loss)	Principal	Interest	Transaction total
06/11/2018 06/11/2018	3130A3UQ5	Income	Government Agencies	FEDERAL HOME LOAN BANK	12/11/2020	5,000,000.00	0.00	0.00	46,875.00	46,875.00
06/11/2018 06/13/2018	4497W1P67	Bought	Commercial Paper	CP ING US FUNDING LLC 0%	02/06/2019	5,000,000.00	0.00	(4,917,361.10)	0.00	(4,917,361.10)
06/13/2018 06/13/2018	4497W1FD3	Capital Change	Commercial Paper	ING U S FDG LLC DISC COML	06/13/2018	(5,000,000.00)	0.00	5,000,000.00	0.00	5,000,000.00
06/14/2018 06/14/2018	313376BR5	Income	Government Agencies	FEDERAL HOME LOAN BANK	12/14/2018	8,000,000.00	0.00	0.00	70,000.00	70,000.00
06/22/2018 06/22/2018	88602UFN5	Capital Change	Commercial Paper	THUNDER BAY FDG LLC DISC	06/22/2018	(5,000,000.00)	0.00	5,000,000.00	0.00	5,000,000.00
06/28/2018 06/29/2018	89233HG65	Sold	Commercial Paper	TOYOTA MTR CR CORP	07/06/2018	(5,000,000.00)	(209.92)	4,998,075.00	0.00	4,998,075.00

## **ADDITIONAL INFORMATION**

#### As of June 30, 2018

Past performance is not a guide to future performance. The value of investments and any income from them will fluctuate and is not guaranteed (this may partly be due to exchange rate changes) and investors may not get back the amount invested. Transactions in foreign securities may be executed and settled in local markets. Performance comparisons will be affected by changes in interest rates. Investment returns fluctuate due to changes in market conditions. Investment involves risk, including the possible loss of principal. No assurance can be given that the performance objectives of a given strategy will be achieved. The information contained herein is for your reference only and is being provided in response to your specific request and has been obtained from sources believed to be reliable; however, no representation is made regarding its accuracy or completeness. This document must not be used for the purpose of an offer or solicitation in any jurisdiction or in any circumstances in which such offer or solicitation is unlawful or otherwise not permitted. This document should not be duplicated, amended, or forwarded to a third party without consent from Insight. This is a marketing document intended for professional clients only and should not be made available to or relied upon by retail clients

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Where indicated, performance numbers used in the analysis are gross returns. The performance reflects the reinvestment of all dividends and income. CAMC and CISC charge management fees on all portfolios managed and these fees will reduce the returns on the portfolios. For example, assume that \$30 million is invested in an account with either CAMC or CISC, and this account achieves a 5.0% annual return compounded monthly, gross of fees, for a period of five years. At the end of five years that account would have grown to \$38,500,760 before the deduction of management fees. Assuming management fees of 0.25% per year are deducted monthly from the account, the value at the end of the five year period would be \$38,022,447. Actual fees for new accounts are dependent on size and subject to negotiation. CAMCS and CISC's investment advisory fees are discussed in Part 2A of the Firms Form ADV.

Unless otherwise stated, the source of information is Insight. Any forecasts or opinions are Insights own at the date of this document (or as otherwise specified) and may change. Material in this publication is for general information only and is not advice, investment advice, or the recommendation of any purchase or sale of any security. Insight makes no implied or expressed recommendations concerning the manner in which an account should or would be handled, as appropriate investment strategies depend upon specific investment guidelines and objectives and should not be construed to be an assurance that any particular security will remain in any fund, account, or strategy, or that a previously held security will not be repurchased. It should not be assumed that any of the security transactions or holdings referenced herein have been or will prove to be profitable or that future investment decisions will be profitable or exceed the past investment performance of the securities listed.

For trading activity the Clearing broker will be reflected. In certain cases the Clearing broker will differ from the Executing broker.

In calculating ratings distributions and weighted average portfolio quality, Insight assigns U.S Treasury and U.S agency securities a quality rating based on the methodology used within the respective benchmark index. When Moodys, S&P and Fitch rate a security, Bank of America and Merrill Lynch indexes assign a simple weighted average statistic while Barclays indexes assign the median statistic. Insight assigns all other securities the lower of Moodys and S&P ratings.

Information about the indices shown here is provided to allow for comparison of the performance of the strategy to that of certain well-known and widely recognized indices. There is no representation that such index is an appropriate benchmark for such comparison. You cannot invest directly in an index and the indices represented do not take into account trading commissions and/or other brokerage or custodial costs. The volatility of the indices may be materially different from that of the strategy. In addition, the strategys holdings may differ substantially from the securities that comprise the indices shown.

The BofA Merrill Lynch 3 Mo US T-Bill index is an unmanaged market index of U.S. Treasury securities maturing in 90 days that assumes reinvestment of all income.

The BofA Merrill Lynch 6 Mo US T-Bill index measures the performance of Treasury bills with time to maturity of less than 6 months.

The BofA Merrill Lynch Current 1-Year US Treasury Index is a one-security index comprised of the most recently issued 1-year US Treasury note. The index is rebalanced monthly. In order to qualify for inclusion, a 1-year note must be auctioned on or before the third business day before the last business day of the month.

The BofA Merrill Lynch Current 3-Year US Treasury Index is a one-security index comprised of the most recently issued 3-year US Treasury note. The index is rebalanced monthly. In order to qualify for inclusion, a 3-year note must be auctioned on or before the third business day before the last business day of the month.

The BofA Merrill Lynch Current 5-Year US Treasury Index is a one-security index comprised of the most recently issued 5-year US Treasury note. The index is rebalanced monthly. In order to qualify for inclusion, a 5-year note must be auctioned on or before the third business day before the last business day of the month.

The BofA Merrill Lynch 1-3 US Year Treasury Index is an unmanaged index that tracks the performance of the direct sovereign debt of the U.S. Government having a maturity of at least one year and less than three years.

The BofA Merrill Lynch 1-5 US Year Treasury Index is an unmanaged index that tracks the performance of the direct sovereign debt of the U.S. Government having a maturity of at least one year and less than five years.

Insight does not provide tax or legal advice to its clients and all investors are strongly urged to consult their tax and legal advisors regarding any potential strategy or investment.

## **ADDITIONAL INFORMATION**

#### As of June 30, 2018

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