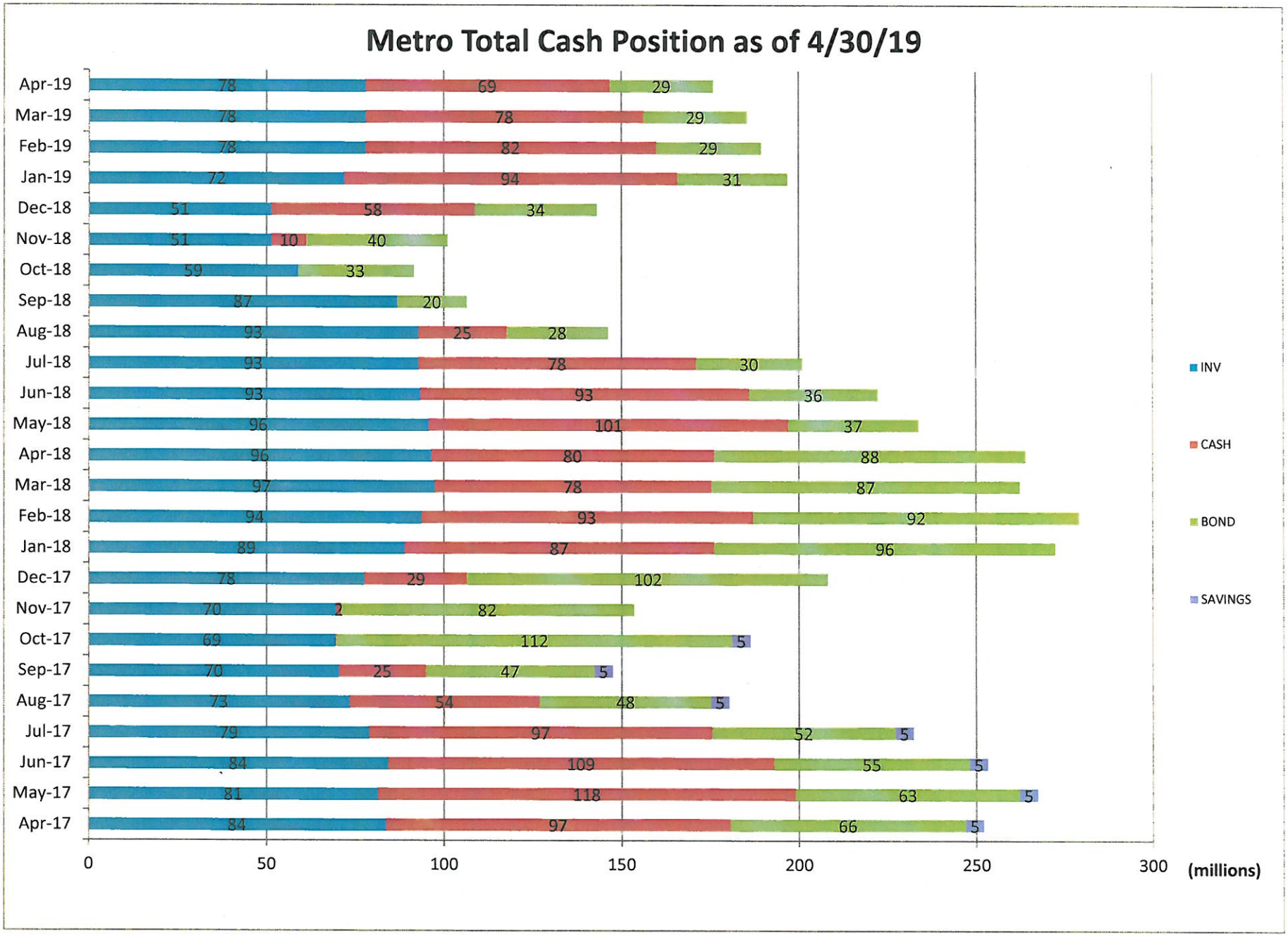
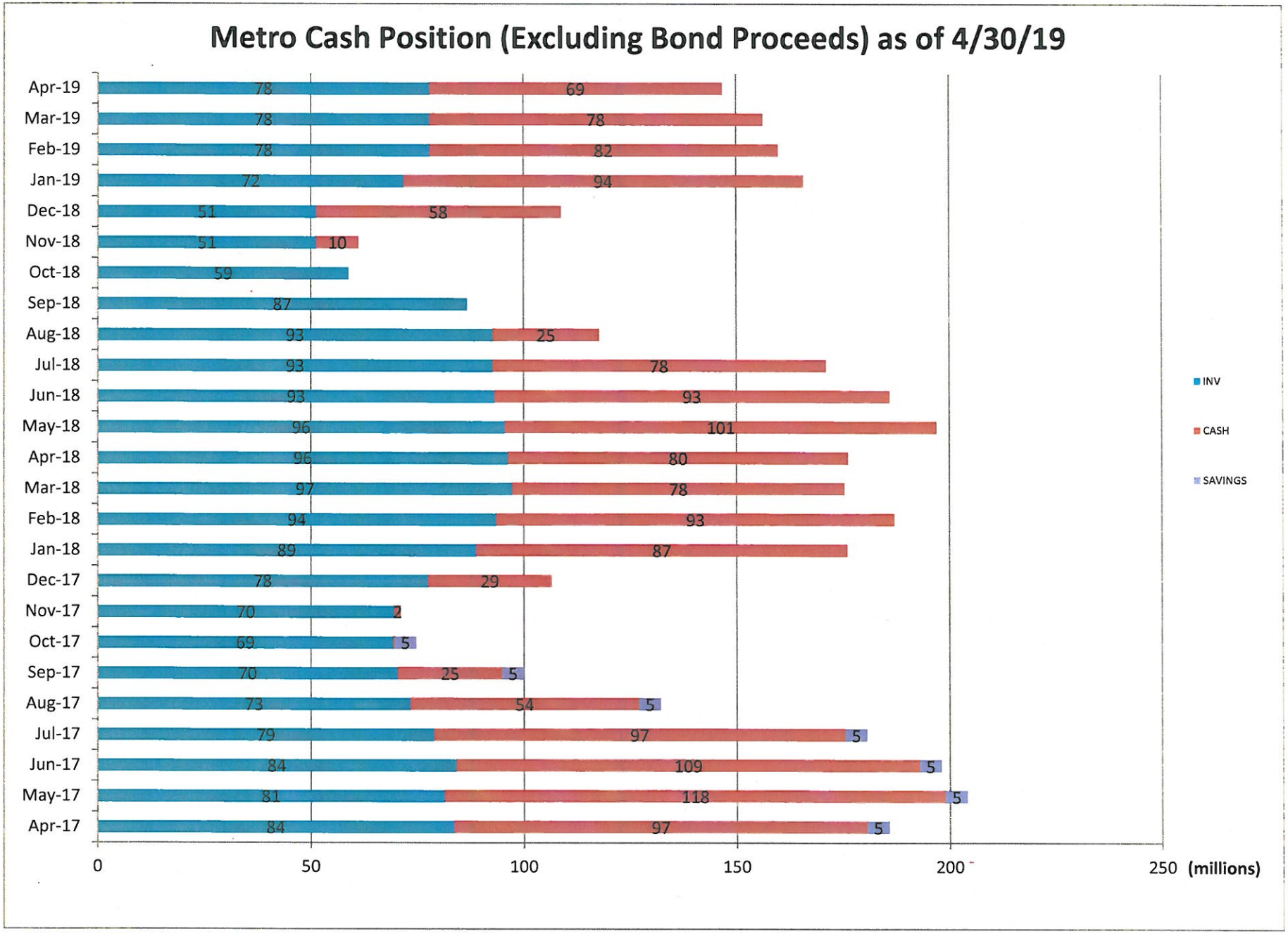
Louisville Metro Investment Council

Louisville METRO

May 8, 2018

PORTFOLIO COMPOSITION


Metro Total Cash Position as of 4/30/19
Apr-19 78 69 29
Mar-19 78 78 29
Feb-19 78 82 29
Jan-19 72 94 31
Dec-18 51 58 34
Nov-18 51 10 40
Oct-18 59 33
Sep-18 87 20
Aug-18 93 25 28
Jul-18 93 78 30
Jun-18 93 93 36
May-18 96 101 37
Apr-18 96 80 88
Mar-18 97 78 87
Feb-18 94 93 92
Jan-18 89 87 96
Dec-17 78 29 102
Nov-17 70 2 82
Oct-17 69 112 5
Sep-17 70 25 47 5
Aug-17 73 54 48 5
Jul-17 79 97 52 5
Jun-17 84 109 55 5
May-17 81 118 63 5
Apr-17 84 97 66 5
0
50
100
150
200
250
300
(millions)
INV
CASH
BOND
SAVINGS


Metro Cash Position (Excluding Bond Proceeds) as of 4/30/19
Apr-19 78 69
Mar-19 78 78
Feb-19 78 82
Jan-19 72 94
Dec-18 51 58
Nov-18 51 10
Oct-18 59
Sep-18 87
Aug-18 93 25
Jul-18 93 78
Jun-18 93 93
May-18 96 101
Apr-18 96 80
Mar-18 97 78
Feb-18 94 93
Jan-18 89 87
Dec-17 78 29
Nov-17 70 2
Oct-17 69 5
Sep-17 70 25 5
Aug-17 73 54 5
Jul-17 79 97 5
Jun-17 84 109 5
May-17 81 118 5
Apr-17 84 97 5
0
50
100
150
200
250
(millions)
INV
CASH
SAVINGS

5/13/2019 10:17

Acc Int / Amort / Mkt Val

Lou / Jeff Cty Metro Finance

Effective Interest - Callable Life

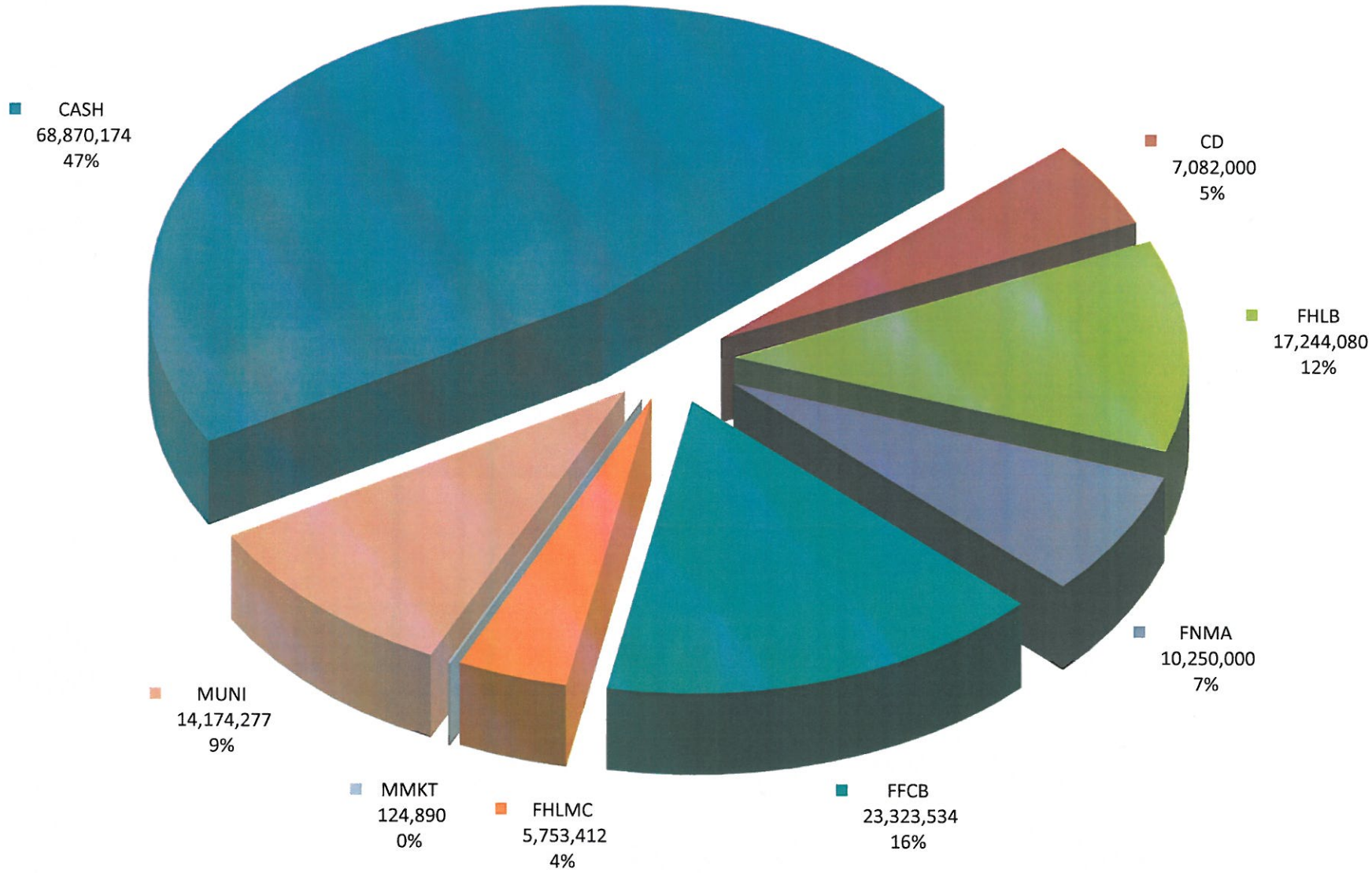
Receipts in Period

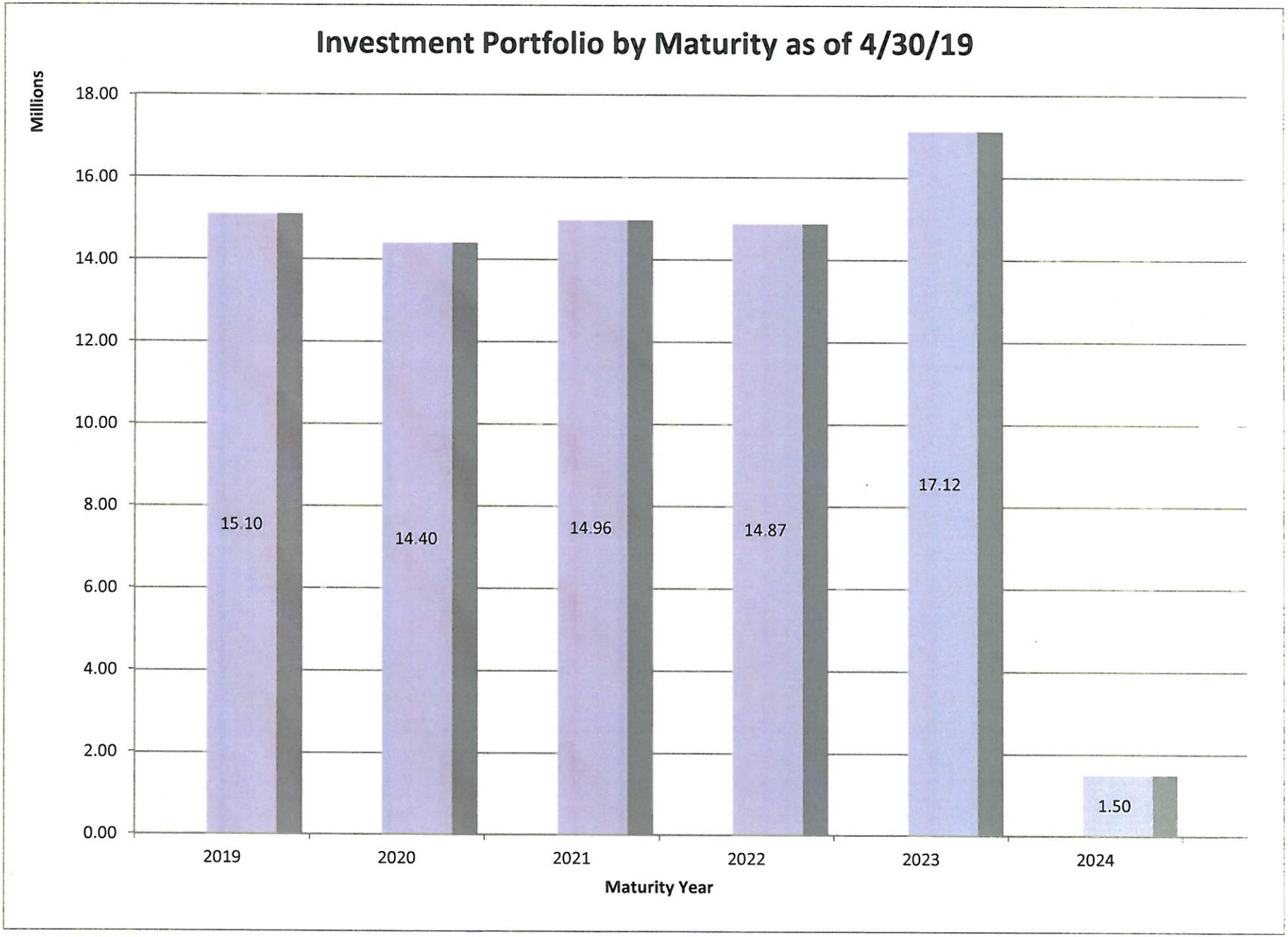
4/30/2019

	Invest Number	CUSIP	Security Description	Call Date	Purchase Date	Ending Par Val/Shares	Ending Amor Val/Cost	Ending Market Val	Amortization Purch/Date	PTD Purch Received	Int/Div Rec Purch/Date	Int/Div Accrued Purch/Date	Purch Int + Acc Int
	AR-0046	METRO CONC 53- 714868609	Cash Account	Open	09/22/08	68,421,495.36	68,421,495.36	68,421,495.36	0.00	0.00	1,615,801.27	0.00	0.00
	AR-0054	METRO SAFEKEEPING - 1050996303	Cash Account	Open	12/30/16	448,678.95	448,678.95	448,678.95	0.00	0.00	66,861.85	59.93	59.93
	Cash Total					**68,870,174.31**	**68,870,174.31**	**68,870,174.31**	**0.00**	**0.00**	**1,682,663.12**	**59.93**	**59.93**
Certificate of Deposit	18-0057	02007GAQ6	ALLY BK UTAH 2.25 01/27/20	Open	01/25/18	250,000.00	250,000.00	250,000.00	0.00	0.00	5,625.00	1,500.00	1,500.00
	18-0058	211163GW4	CONT BANK UTAH 2.10 07/26/21	Open	01/26/18	250,000.00	250,000.00	250,000.00	0.00	0.00	5,250.00	1,385.42	1,385.42
	18-0059	55266CYB6	MB FINL BK ILL 2.35 01/26/22	Open	01/26/18	250,000.00	250,000.00	250,000.00	0.00	0.00	7,323.63	65.28	65.28
	18-0060	58404DBA8	MEDALLION BK UTAH 2.40 01/26/22	Open	01/26/18	250,000.00	250,000.00	250,000.00	0.00	0.00	7,479.45	66.67	66.67
	18-0061	857894WJ4	STEARNS BK MINN 2.20 01/26/21	Open	01/26/18	250,000.00	250,000.00	250,000.00	0.00	0.00	6,856.12	61.11	61.11
	18-0062	27113PCG4	EAST BOSTON SVGS 2.30 07/30/21	Open	01/30/18	250,000.00	250,000.00	250,000.00	0.00	0.00	5,750.00	1,453.47	1,453.47
	18-0065	501798LQ3	LCA BANK CORPORATION 2.60 02/28/22	Open	02/28/18	246,000.00	246,000.00	246,000.00	0.00	0.00	6,396.00	1,101.53	1,101.53
	18-0067	856285JS1	ST BK IND NYC 3.00 03/06/23	Open	03/06/18	246,000.00	246,000.00	246,000.00	0.00	0.00	7,380.00	1,148.00	1,148.00
	18-0068	254673MW3	DISCOVER BANK 2.65 03/08/21	Open	03/07/18	246,000.00	246,000.00	246,000.00	0.00	0.00	6,519.00	977.85	977.85
	18-0070	75272LAD8	RANDOLPH SAVINGS BANK 2.60 03/09/22	Open	03/09/18	246,000.00	246,000.00	246,000.00	0.00	0.00	6,396.00	941.63	941.63
	18-0075	CD423	METRO 1.50 05/07/19	Open	05/07/18	1,000,000.00	1,000,000.00	1,000,000.00	0.00	0.00	13,767.11	958.33	958.33
	18-0084	CD075	METRO 1.50 06/07/19	Open	06/07/18	1,000,000.00	1,000,000.00	1,000,000.00	0.00	0.00	12,493.14	958.33	958.33
	19-0003	CD772	METRO 1.50 10/07/19	Open	10/07/18	100,000.00	100,000.00	100,000.00	0.00	0.00	747.96	95.83	95.83
	19-0004	CD1499	YCB 0.149 09/23/19	Open	10/23/18	250,000.00	250,000.00	250,000.00	0.00	0.00	186.87	7.24	7.24
	19-0020	86789VXR3	SUNTRUST SILC 3.00 08/12/22	02/12/20	02/12/19	248,000.00	248,000.00	248,000.00	0.00	0.00	0.00	1,589.92	1,589.92
	19-0021	38148P5B9	GOLDMAN SACHS NYC 3.10 02/13/24	Open	02/14/19	250,000.00	250,000.00	250,000.00	0.00	0.00	0.00	1,604.78	1,626.01
	19-0022	61690UEH9	MORGAN STANLEY, SALT LK CITY 3.05 02/14/24	Open	02/14/19	250,000.00	250,000.00	250,000.00	0.00	0.00	0.00	1,587.67	1,587.67
	19-0023	949763XQ4	WELLS FARGO SIOUX FALLS 3.10 02/13/24	Open	02/14/19	250,000.00	250,000.00	250,000.00	0.00	20.50	1,252.74	365.97	387.20
	19-0024	05581WL45	BMO HARRIS BANK 3.00 02/15/23	Open	02/15/19	250,000.00	250,000.00	250,000.00	0.00	0.00	0.00	1,541.10	1,541.10
	19-0025	06426KBA5	BANK OF NEW ENGLAND SALEM 2.85 02/15/24	Open	02/15/19	250,000.00	250,000.00	250,000.00	0.00	0.00	1,151.71	292.81	292.81
	19-0026	17312Q2V0	CITIBANK SIOUX FALLS 3.00 02/15/24	Open	02/15/19	250,000.00	250,000.00	250,000.00	0.00	0.00	0.00	1,541.10	1,541.10
	19-0028	48128HGA0	JPMORGAN CHASE COLUMBUS 3.00 02/15/23	Open	02/15/19	250,000.00	250,000.00	250,000.00	0.00	0.00	0.00	1,541.10	1,541.10
	19-0029	87270LBU6	TIAA FSB JACKSONVILLE 3.00 02/22/24	Open	02/22/19	250,000.00	250,000.00	250,000.00	0.00	0.00	0.00	1,397.26	1,397.26
	Certificate of Deposit Total					**7,082,000.00**	**7,082,000.00**	**7,082,000.00**	**0.00**	**20.50**	**94,574.73**	**22,182.40**	**22,224.86**
FFCB	17-0010	3133EGNK7	FFCB 1.32 07/27/20	07/27/17	07/27/16	3,000,000.00	3,000,000.00	2,947,317.69	0.00	0.00	99,000.00	10,340.00	10,340.00
	17-0022	3133EGVJ1	FFCB 1.16 09/26/19	09/26/17	09/27/16	3,000,000.00	3,000,000.00	2,967,844.23	0.00	96.67	87,000.00	3,383.33	3,480.00
	17-0077	3133EHMG5	FFCB 1.80 03/12/21	09/12/17	06/22/17	2,000,000.00	2,000,000.00	1,977,560.68	1,400.00	5,000.00	63,000.00	4,900.00	5,900.00
	18-0052	3133EHL43	FFCB 2.15 07/26/22	01/29/18	01/23/18	1,850,000.00	1,850,000.00	1,843,949.19	20,442.50	9,778.02	49,718.75	10,496.18	20,108.47
	18-0053	3133EHRL9	FFCB 2.00 07/19/21	07/19/18	01/23/18	1,769,000.00	1,769,000.00	1,756,575.29	12,383.00	393.11	35,380.00	10,024.33	10,417.44
	19-0011	3133EHVP5	FFCB 2.30 08/23/23	02/04/19	01/29/19	1,500,000.00	1,500,000.00	1,476,510.00	30,750.00	14,950.00	17,250.00	6,516.67	21,466.67
	19-0012	3133EFM38	FFCB 2.23 03/14/23	02/04/19	01/29/19	2,000,000.00	2,000,000.00	1,984,380.00	42,000.00	16,725.00	22,300.00	5,822.78	22,547.78
	19-0013	3133EJET2	FFCB 2.94 03/06/23	Open	01/29/19	2,000,000.00	1,998,151.31	1,998,640.00	151.31	23,356.67	29,400.00	8,983.33	32,340.00
	19-0014	3133EJP60	FFCB 3.00 05/02/23	Open	01/29/19	2,000,000.00	2,024,756.08	2,051,140.00	-1,443.92	0.00	0.00	15,333.33	29,833.33
	19-0017	3133EGJ22	FFCB 2.00 11/16/23	Open	01/29/19	2,000,000.00	1,931,626.91	1,965,580.00	3,626.91	0.00	0.00	10,222.22	18,333.33
	19-0019	3133EJ6Y0	FFCB 3.05 05/08/23	05/08/19	02/08/19	1,000,000.00	1,000,000.00	1,000,050.00	0.00	0.00	0.00	14,063.89	14,063.89
	19-0027	3133EKAR7	FFCB 2.80 08/15/22	08/15/19	02/15/19	1,250,000.00	1,250,000.00	1,250,537.50	0.00	0.00	0.00	7,388.89	7,388.89
	FFCB Total					**23,369,000.00**	**23,323,534.30**	**23,220,084.58**	**109,309.80**	**70,299.47**	**403,048.75**	**107,474.95**	**196,219.80**
FHLB	16-0071	3130A8JZ7	FHLB 1.22 12/30/19	06/30/17	06/30/16	2,900,000.00	2,900,000.00	2,861,910.44	0.00	0.00	88,450.00	11,891.61	11,891.61
	17-0046	3130AAQV3	FHLB 1.67 04/30/20	01/30/18	02/02/17	2,400,000.00	2,400,000.00	2,375,091.10	0.00	6,828.44	80,160.00	10,131.33	10,354.00
	17-0066	3130AAQB7	FHLB 2.00 08/16/21	02/16/18	02/16/17	2,000,000.00	2,000,000.00	1,985,732.72	0.00	0.00	80,000.00	8,333.33	8,333.33
	19-0006	3130AFE78	FHLB 3.00 12/09/22	Open	01/29/19	2,000,000.00	2,023,446.25	2,058,630.16	-1,553.75	0.00	0.00	15,333.33	29,166.66
	19-0007	3130AAHM3	FHLB 2.80 12/27/23	03/27/19	01/29/19	1,000,000.00	1,000,000.00	1,025,629.14	5,470.00	0.00	0.00	7,155.56	9,644.45
	19-0008	3130A0JR2	FHLB 2.375 12/13/19	Open	01/29/19	1,000,000.00	998,878.57	1,000,100.49	468.57	0.00	0.00	6,069.44	9,104.16
	19-0009	3130A0JR2	FHLB 2.375 12/13/19	Open	01/29/19	1,000,000.00	998,843.14	1,000,100.49	483.14	0.00	0.00	6,069.44	9,104.16
	19-0015	3130AFAP2	FHLB 3.50 10/30/23	10/30/19	01/29/19	1,000,000.00	1,003,995.78	1,005,130.00	-2,004.22	8,652.78	17,500.00	97.22	8,750.00
	19-0016	3130AAHM3	FHLB 2.80 12/27/23	03/27/19	01/29/19	2,000,000.00	2,000,000.00	2,051,258.28	13,080.00	0.00	0.00	14,311.11	19,288.89
	19-0018	3130A9BK6	FHLB 1.80 09/01/23	Open	01/29/19	2,000,000.00	1,918,916.28	1,952,280.00	4,516.28	14,800.00	18,000.00	6,000.00	20,800.00
	FHLB Total					**17,300,000.00**	**17,244,080.02**	**17,315,862.82**	**20,460.02**	**30,281.22**	**284,110.00**	**85,392.37**	**136,437.26**
FHLMC	16-0051	3134G9JT5	FHLMC 1.35 11/26/19	08/26/16	05/26/16	1,500,000.00	1,500,000.00	1,484,005.13	525.00	0.00	50,625.00	8,718.75	8,718.75
	17-0016	3134G9W37	FHLMC 1.45 08/10/20	11/10/16	08/10/16	1,500,000.00	1,500,000.00	1,476,570.60	0.00	0.00	54,375.00	4,893.75	4,893.75
	19-0010	3134GSTN5	FHLMC 3.00 08/17/22	08/17/20	01/29/19	1,250,000.00	1,253,412.25	1,257,775.00	-650.25	16,875.00	18,750.00	7,708.33	24,583.33
	19-0031	3134GSW43	FHLMC 2.70 02/28/22	02/28/20	02/28/19	1,500,000.00	1,500,000.00	1,502,670.00	0.00	0.00	0.00	7,009.62	7,009.62
	FHLMC Total					**5,750,000.00**	**5,753,412.25**	**5,721,020.73**	**-125.25**	**16,875.00**	**123,750.00**	**28,330.45**	**45,205.45**
FNMA	17-0011	3136G3L37	FNMA 1.125 10/28/19	07/28/17	07/28/16	2,000,000.00	2,000,000.00	1,975,858.66	0.00	0.00	56,250.00	5,812.50	5,812.50
	17-0048	3136G4KD4	FNMA 1.75 06/29/20	06/29/17	02/03/17	2,000,000.00	2,000,000.00	1,980,125.96	0.00	3,305.56	70,000.00	11,861.11	15,166.67
	18-0056	3136G4QE6	FNMA 2.20 10/26/22	10/26/18	01/23/18	2,250,000.00	2,250,000.00	2,246,034.44	30,143.48	11,962.50	74,250.00	687.50	12,650.00
	18-0054	3134G95P8	FNMA STEP 1.625 08/25/21	02/25/18	01/26/18	2,000,000.00	2,000,000.00	1,965,269.70	15,000.00	13,631.94	52,500.00	7,333.33	20,694.44
	18-0055	3136G3ZP3	FNMA STEP 1.50 07/28/21	04/28/18	01/23/18	2,000,000.00	2,000,000.00	1,959,410.90	2,000.00	14,583.33	50,000.00	10,333.33	24,916.66
	FNMA Total					**10,250,000.00**	**10,250,000.00**	**10,126,699.66**	**47,143.48**	**43,483.33**	**303,000.00**	**36,027.77**	**79,240.27**
Money Market	AR-0001	MMKT FED - 5000638	Money Market	Open	07/01/99	163.20	163.20	163.20	0.00	0.00	1,652,557.54	0.00	0.00
	AR-0058	JPMORGAN MMKT - 00005017334	Money Market	Open	12/19/17	23,738.46	23,738.46	23,738.46	0.00	0.00	23,738.45	0.00	0.00

	AR-0059	GOLDMAN SACHS MMKT - 0188506760	Money Market	Open	12/19/17	39,437.96	39,437.96	39,437.96	0.00	0.00	39,437.96	0.00	0.00
	AR-0060	FEDERATED MMKT - 06090498885	Money Market	Open	12/19/17	23,850.54	23,850.54	23,850.54	0.00	0.00	23,850.51	0.00	0.00
	AR-0061	DREYFUS MMKT - 0616753258	Money Market	Open	12/19/17	37,699.54	37,699.54	37,699.54	0.00	0.00	37,699.54	0.00	0.00
	Money Market Total					**124,889.70**	**124,889.70**	**124,889.70**	**0.00**	**0.00**	**1,777,314.61**	**0.00**	**0.00**
Municipal Bond	15-0045	613357AF9	MONTG CO 2.44 11/01/19	Open	06/25/15	500,000.00	501,576.84	500,392.36	-11,673.16	1,830.00	42,700.00	6,100.00	7,930.00
	16-0065	64971WF39	NYC TRAN FIN AUTH-SUB 1.69 02/01/21	Open	06/23/16	1,350,000.00	1,353,247.43	1,331,965.07	-5,109.07	4,999.58	63,374.99	5,703.75	9,633.00
	17-0004	047681NZ0	ATLANTA ETC REC 2.41 12/01/19	Open	07/22/16	720,000.00	724,417.80	720,350.54	-20,551.80	2,440.96	43,319.17	7,230.00	9,688.20
	17-0012	555542LS6	MACON-BIBB CNTY GA 3.00 12/01/20	Open	08/01/16	425,000.00	435,272.94	430,871.26	-17,292.56	2,104.72	31,814.17	5,312.50	7,437.50
	17-0027	64990E4G9	NY DORM AUTH C-TXBL 1.10 02/15/20	Open	09/30/16	1,000,000.00	1,000,000.00	983,864.86	0.00	1,138.20	26,552.78	2,322.22	2,750.00
	17-0028	64990EEL7	NYS DORM AUTH C-TXBL 2.12 03/15/21	Open	09/30/16	2,000,000.00	2,020,944.33	1,992,234.16	-27,955.67	1,766.67	106,000.00	5,417.78	7,184.45
	17-0029	64971WN97	NY TRANSITION TXBL 1.35 08/01/20	Open	09/30/16	2,625,000.00	2,631,495.04	2,579,955.08	-13,139.96	4,162.27	83,573.44	8,859.38	9,646.88
	17-0032	597137GZ5	MIDDLETOWN OH 2.053 12/01/20	Open	10/07/16	400,000.00	403,760.88	397,850.12	-5,915.12	2,831.62	20,469.17	3,421.67	6,113.38
	17-0051	696624AV7	CA PDTDEV 2.75 10/01/22	Open	02/06/17	1,000,000.00	998,380.34	1,018,842.27	1,000.34	3,235.92	59,659.72	2,291.67	2,750.00
	17-0059	485429Y32	KANSAS ST DEV AUTH 2.608 04/15/20	Open	02/08/17	775,000.00	780,169.59	777,540.75	-11,702.16	6,344.32	50,530.00	898.31	7,242.63
	17-0075	041042ZV7	ARKANSAS ST 2.875 06/01/21	Open	06/09/17	800,000.00	817,047.07	812,040.82	-14,952.93	511.11	34,500.00	9,583.33	10,094.44
	18-0071	64966MWH8	NYC GO 2.80 03/01/22	Open	03/13/18	2,500,000.00	2,507,965.23	2,544,538.45	-3,009.77	0.00	68,875.00	11,666.67	11,666.67
	Municipal Bond Total					**14,095,000.00**	**14,174,277.49**	**14,090,445.74**	**-130,301.86**	**31,365.37**	**631,368.44**	**68,807.28**	**92,137.15**
	Investment Total					**146,841,064.01**	**146,822,368.07**	**146,551,177.54**	**46,486.19**	**192,324.89**	**5,299,829.65**	**348,275.15**	**571,524.72**

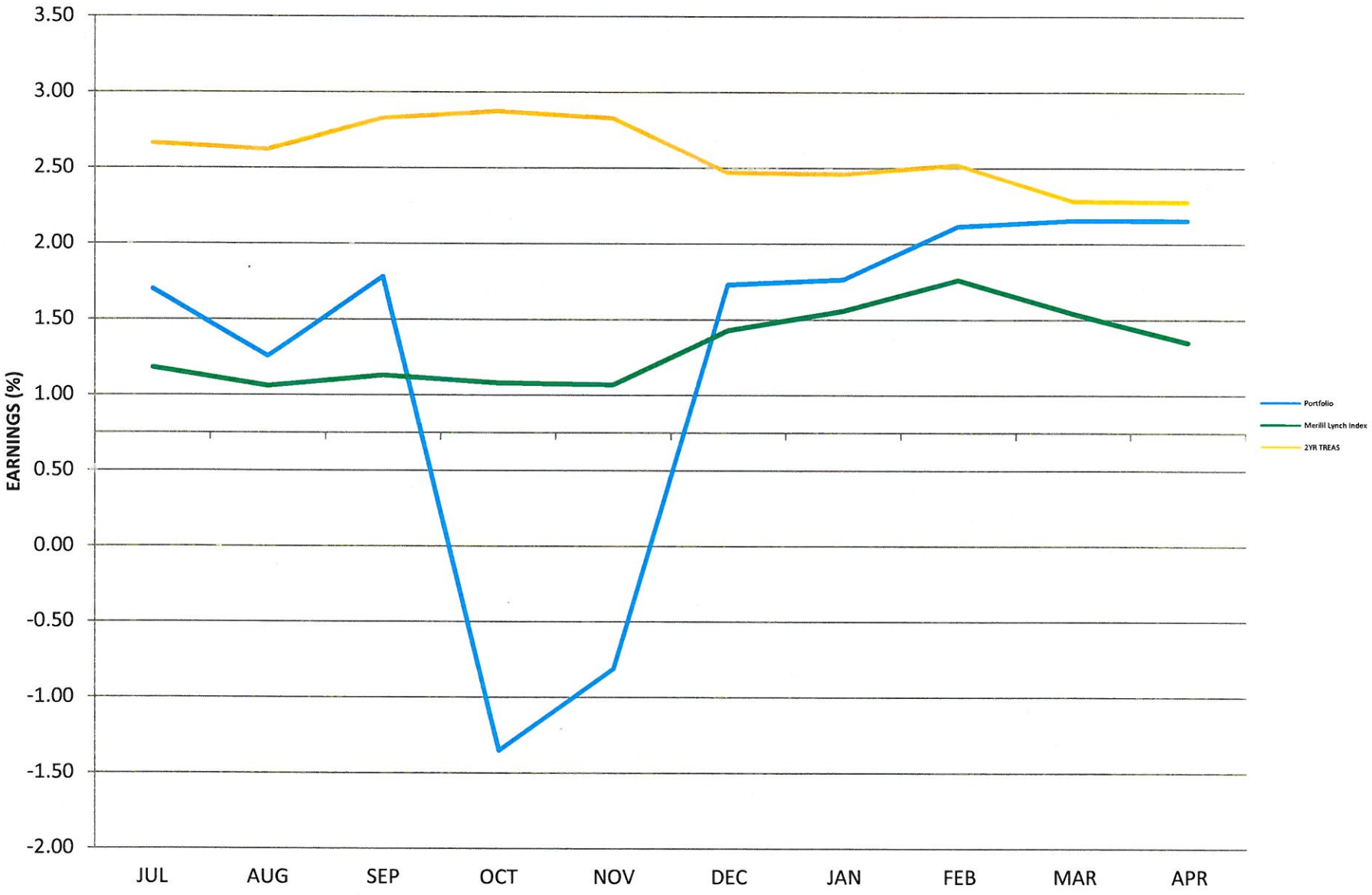
Total Portfolio Asset Allocation as of 4/30/2019




Investment Portfolio by Maturity as of 4/30/19
Millions
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
15.10
14.40
14.96
14.87
17.12
1.50
2019
2020
2021
2022
2023
2024
Maturity Year

PORTFOLIO PERFORMANCE

Portfolio Performance as of 4/30/19



DATA ANALYSIS

Metro Cash Position

Cash levels have declined steadily since the first of the year, however this is to be expected as revenues from the collection of property taxes has cooled down. There is roughly $10 million less in cash on hand when comparing April balances year-over-year. Balances should receive a bump in the coming months with the April 15th tax revenue being received. With the new budget looming we will continue to keep a close watch on cash balances.

Asset Allocation

There was no activity for the month of April to report nor any significant changes in allocation of assets.

Maturity Distribution

There was no change to maturity distribution for the month of April.

Portfolio Performance

Portfolio yield remained constant over last month.

ECONOMIC UPDATE

ECONOMIC UPDATE

Trade talks have broken down even further between the U.S. and China with another round of tariffs are set to be placed on $200 billion worth of Chinese imports. The tariff rate was raised to 25% and the Trump administration announced that further tariffs on another $300 billion in imports would be coming.

Analysts are bracing for escalating trade tensions to brake the pace of growth estimating a 0.4% hit to GDP. Furthermore, it's not out of the question that trade tensions could instigate a sell-off in the equity market which would worsen the impact on economic growth. This appears to be the case as stock futures for the S&P, Dow, and Nasdaq have all declined.

Make no mistake, despite the political rhetoric that China will pay for these tariff's, the fact is that it's simply not true. China may be impacted in terms of declining exports and a hit to their GDP but ultimately the cost of the tariffs will fall to US businesses and households. To make matters worse, it is currently reported that China is set to raise tariffs on some U.S. goods starting June 1.

It's simple to say that you can just get your goods from countries other than China, but China is such an integral part of supply chains for American companies it's easier said than done. Look no further than the tech industry for proof. Apple relies heavily on China for both supply and even demand of their products. It's unlikely that Apple and other companies in similar positions, can simply cut ties with China and find that level of supply and demand for their products elsewhere.

This is a textbook case of how curtailing trade can hurt the economy. Analysts believe the tariffs could be a double whammy as they will drive up the cost of goods and potentially force the Fed to raise interest rates to counter inflation. Neither of these outcomes are ideal and could further slow the economy.

The real concern is that trade talks aren't set to resume until June and unfortunately, neither seem to be willing to move from their current position. The longer the trade war goes, the worse the impact will be both locally for each country as well as globally. Talks have been described as constructive and we should hope so as some believe that these tariffs could be what moves the economy into recession.

Total Portfolio Shock Table

Lou / Jeff Cty Metro Finance

Effective Interest - Actual Life

Receipts in Period

4/30/2019

Data Category	Down 300	Down 200	Down 100	Current	Up 100	Up 200	Up 300
Current Par	77,970,889.70	77,970,889.70	77,970,889.70	77,970,889.70	77,970,889.70	77,970,889.70	77,970,889.70
Amor. Cost	77,810,932.08	77,810,932.08	77,810,932.08	77,810,932.08	77,810,932.08	77,810,932.08	77,810,932.08
Market Value	77,447,465.23	77,525,311.23	77,603,157.23	77,681,003.23	77,758,849.23	77,836,695.23	77,914,541.23
% Change	-0.30 (0.10)	-0.20 (0.10)	-0.10 (0.10)	0.00 (0.10)	0.10 (0.10)	0.20 (0.10)	0.30 (0.10)
Market Price	99.33	99.43	99.53	99.63	99.73	99.83	99.93
Market Yield	2.8388	2.7707	2.7028	2.6349	2.5672	2.4995	2.432
Gain / Loss	-363,466.85	-285,620.85	-207,774.85	-129,928.85	-52,082.85	25,763.15	103,609.15

The table above represents the interest rate risk of the investment portfolio of individual fixed incomesecurities. By adjusting current market rates and by using the matrix pricing technique, the portfolio wassubjected to an immediate interest rate shock of plus or minus 300 basis points. The results in weightedaverage total is presented above which details the projected market value, market price, total unrealizedgain (loss) and percentage market value change from the current interest rate environment.