



To: Investment Advisory Committee
From: W. Christopher Murray II, Treasurer
Date: November 13, 2018
Re: Cuyahoga County Treasury Investment Reports

Reports reflect Month-End October 2018

Included are the following:

- Investment Portfolio Summary
- Investment Portfolio Detail
- Monthly Activity
- Received Interest Summary
- Portfolio Compliance

cc: Investment Advisory Working Group



**Cuyahoga County Treasury
Portfolio Management
Portfolio Summary
October 31, 2018**

Cuyahoga County
2079 E. 9th Street
Cleveland, OH 44115

Investments	Par Value	Market Value	Book Value	% of Portfolio	Term	Days to Maturity	YTM 360 Equiv.	YTM 365 Equiv.
Certificates of Deposit - Bank	38,700,000.00	38,700,000.00	38,700,000.00	4.42	179	148	0.250	0.253
Commercial Paper Disc. -Amortizing	210,420,000.00	208,581,576.80	208,629,079.16	23.82	227	114	2.611	2.647
Federal Agency Coupon Securities	140,000,000.00	136,786,000.00	139,820,851.71	15.96	1,265	660	1.494	1.515
Treasury Coupon Securities	20,000,000.00	19,518,400.00	19,991,603.70	2.28	1,505	851	1.807	1.832
Callable Federal Agency Securities	326,563,000.00	317,778,360.68	326,379,081.54	37.26	1,457	1,036	1.980	2.007
Foreign Securities	16,000,000.00	15,917,395.00	16,000,000.00	1.83	1,478	1,102	2.996	3.037
Municipal Securities	21,030,000.00	21,030,000.00	21,030,000.00	2.40	7,268	6,636	3.452	3.500
STAR Ohio Account	55,300,000.00	55,300,000.00	55,300,000.00	6.31	1	1	2.259	2.290
Money Market Accounts	50,000,000.00	50,000,000.00	50,000,000.00	5.71	1	1	1.775	1.800
Investments	878,013,000.00	863,611,732.48	875,850,616.11	100.00%	1,043	724	2.032	2.060
Cash	10,508,698.41	10,508,698.41	10,508,698.41		1	1	0.000	0.000
Total Cash and Investments	888,521,698.41	874,120,430.89	886,359,314.52		1,043	724	2.032	2.060

	Month Ending	Fiscal Year To Date
Current Year Interest		
Actual	1,100,259.23	11,025,733.67
Accrued	1,541,719.09	15,510,077.39
Average Daily Balance		
With Cash	911,606,091.65	1,092,578,767.70
Without Cash	900,038,828.97	1,036,742,610.75
Effective Rate of Return		
With Cash	1.99%	1.70%
Without Cash	2.02%	1.80%

W. Christopher Murray II 11/13/18
 W. Christopher Murray II, Treasurer

Disclaimer - Cuyahoga County utilizes the cash basis accounting method; however the Effective Rate of Return is calculated using the accrual basis. Reporting on an accrual basis is industry standard to measure performance. Actual and accrued interest, and with and without cash, amounts are reflected for reporting purposes.

**Cuyahoga County Treasury
Portfolio Management
Portfolio Details - Investments
October 31, 2018**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity	Maturity Date
Certificates of Deposit - Bank												
18CD006	18CD006	First Federal of Lakewood		09/28/2018	4,300,000.00	4,300,000.00	4,300,000.00	0.250	0.250	0.253	148	03/29/2019
18CD004	18CD004	KEY BANK		10/01/2018	24,800,000.00	24,800,000.00	24,800,000.00	0.250	0.250	0.253	148	03/29/2019
18CD005	18CD005	KEY BANK		10/01/2018	9,600,000.00	9,600,000.00	9,600,000.00	0.250	0.250	0.253	148	03/29/2019
Subtotal and Average			38,700,000.00		38,700,000.00	38,700,000.00	38,700,000.00	0.250	0.253	148		
Commercial Paper Disc. -Amortizing												
2254EBUC3	18CCT016	Bank of New York Mellon		10/16/2018	20,000,000.00	19,595,200.00	19,610,661.03	2.770	2.855	2.895	253	07/12/2019
22533UQ14	18CCT009	Credit AG		06/04/2018	10,000,000.00	9,912,300.00	9,917,333.33	2.480	2.557	2.592	120	03/01/2019
22533UQR7	18CCT017	Credit AG		10/24/2018	10,000,000.00	9,891,600.00	9,893,600.01	2.660	2.690	2.728	144	03/25/2019
13607FUK0	18CCT019	Canadian IMP		10/25/2018	8,790,000.00	8,607,168.00	8,609,707.33	2.840	2.929	2.969	260	07/19/2019
2254EBL25	18CCT002	Credit Suisse CP		02/06/2018	10,000,000.00	9,999,400.00	9,999,411.11	2.120	2.172	2.202	1	11/02/2018
2254EBMX6	18CCT007	Credit Suisse CP		04/17/2018	10,000,000.00	9,959,500.00	9,957,166.67	2.570	2.650	2.687	60	12/31/2018
25214PLQ4	18CCT015	DEXIA		09/27/2018	20,000,000.00	19,632,000.00	19,656,277.78	2.690	2.765	2.804	230	06/19/2019
4497W1UC8	18CCT018	ING Funding LLC		10/25/2018	11,630,000.00	11,394,608.80	11,397,060.79	2.850	2.938	2.979	253	07/12/2019
46640QNB3	18CCT006	JP Morgan CP		04/16/2018	10,000,000.00	9,949,900.00	9,949,313.89	2.570	2.651	2.688	71	01/11/2019
46640QMU2	18CCT012	JP Morgan CP		06/27/2018	30,000,000.00	29,884,500.00	29,883,625.00	2.450	2.522	2.557	57	12/28/2018
63873KM79	18CCT004	Natixis		03/13/2018	10,000,000.00	9,975,700.00	9,975,700.00	2.430	2.509	2.544	36	12/07/2018
63873KP84	18CCT008	Natixis		05/15/2018	10,000,000.00	9,927,700.00	9,929,050.00	2.580	2.667	2.704	99	02/08/2019
63873KMT1	18CCT010	Natixis		06/27/2018	10,000,000.00	9,962,200.00	9,962,355.55	2.420	2.491	2.526	56	12/27/2018
87019SMU5	18CCT013	SWEDBANK		06/27/2018	20,000,000.00	19,923,000.00	19,923,366.67	2.420	2.491	2.526	57	12/28/2018
87019SLU6	18CCT014	SWEDBANK		06/27/2018	20,000,000.00	19,966,800.00	19,964,450.00	2.370	2.394	2.428	27	11/28/2018
Subtotal and Average			192,900,921.53		210,420,000.00	208,581,576.80	208,629,079.16	2.611	2.647	114		
Federal Agency Coupon Securities												
3132X0KT7	16CCT030	Federal Agricultural Mtg Corp		11/01/2016	10,000,000.00	9,842,600.00	9,997,940.00	1.100	1.106	1.121	365	11/01/2019
3133EHEC3	17CCT006	Federal Farm Credit Bank		03/31/2017	10,000,000.00	9,725,000.00	9,994,930.83	1.800	1.797	1.822	880	03/30/2021
3133EHEZ2	17CCT009	Federal Farm Credit Bank		04/06/2017	10,000,000.00	9,831,100.00	10,000,000.00	1.600	1.578	1.600	522	04/06/2020
3133EHZA4	17CCT022	Federal Farm Credit Bank		09/20/2017	10,000,000.00	9,622,900.00	9,980,807.36	1.660	1.705	1.729	1,054	09/20/2021
3133EHW58	17CCT045	Federal Farm Credit Bank		11/27/2017	20,000,000.00	19,577,600.00	20,000,000.00	1.900	1.874	1.900	757	11/27/2020
3130A8Y72	16CCT017	Federal Home Loan Bank		08/04/2016	10,000,000.00	9,863,700.00	9,994,322.29	0.875	0.938	0.951	277	08/05/2019
3130A9EP2	16CCT022	Federal Home Loan Bank		09/16/2016	10,000,000.00	9,851,000.00	9,998,747.71	1.000	1.000	1.014	329	09/26/2019
3130AA3R7	16CCT031	Federal Home Loan Bank		11/21/2016	10,000,000.00	9,858,400.00	9,994,309.91	1.375	1.412	1.431	379	11/15/2019
3130AB3G9	17CCT007	Federal Home Loan Bank		03/31/2017	10,000,000.00	9,754,300.00	10,000,000.00	1.780	1.756	1.780	790	12/30/2020
313380GJ0	17CCT025	Federal Home Loan Bank		09/28/2017	10,000,000.00	9,620,700.00	10,010,910.72	2.000	1.943	1.970	1,408	09/09/2022
3135G0P49	16CCT023	Federal National Mtg Assn		09/23/2016	10,000,000.00	9,864,100.00	9,997,646.24	1.000	1.015	1.029	300	08/28/2019
3135G0R39	16CCT029	Federal National Mtg Assn		10/26/2016	10,000,000.00	9,830,700.00	9,991,355.10	1.000	1.075	1.090	357	10/24/2019

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**Cuyahoga County Treasury
Portfolio Management
Portfolio Details - Investments
October 31, 2018**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity	Maturity Date
Federal Agency Coupon Securities												
3135G0Q89	16CCT032	Federal National Mtg Assn		11/21/2016	10,000,000.00	9,543,900.00	9,859,881.55	1.375	1.851	1.877	1,071	10/07/2021
Subtotal and Average			146,269,252.48		140,000,000.00	136,786,000.00	139,820,851.71		1.494	1.515	660	
Treasury Coupon Securities												
912828M98	16CCT033	U.S. Treasury		11/21/2016	10,000,000.00	9,745,300.00	9,994,951.07	1.625	1.628	1.650	760	11/30/2020
912828WN6	17CCT005	U.S. Treasury		03/14/2017	10,000,000.00	9,773,100.00	9,996,652.63	2.000	1.986	2.013	942	05/31/2021
Subtotal and Average			19,991,450.74		20,000,000.00	19,518,400.00	19,991,603.70		1.807	1.832	851	
Callable Federal Agency Securities												
3133EHMB6	17CCT016	Federal Farm Credit Bank		06/08/2017	10,000,000.00	9,652,200.00	10,000,000.00	2.050	2.022	2.050	1,315	06/08/2022
3133EHS20	17CCT037	Federal Farm Credit Bank		11/17/2017	13,822,000.00	13,342,653.04	13,795,711.29	2.090	2.126	2.156	1,110	11/15/2021
3133EHUS0	17CCT044	Federal Farm Credit Bank		11/20/2017	10,951,000.00	10,616,337.44	10,893,763.53	1.875	2.042	2.070	1,019	08/16/2021
3133EJFV6	18CCT005	Federal Farm Credit Bank		03/14/2018	10,000,000.00	9,880,600.00	10,000,000.00	2.820	2.781	2.820	1,229	03/14/2022
3130A87F4	16CCT010	Federal Home Loan Bank		05/27/2016	10,000,000.00	9,839,300.00	10,000,000.00	1.300	1.282	1.300	391	11/27/2019
3130AB3T1	17CCT010	Federal Home Loan Bank		04/24/2017	10,000,000.00	9,809,400.00	10,000,000.00	1.750	1.726	1.750	631	07/24/2020
3130AC4F8	17CCT020	Federal Home Loan Bank		09/06/2017	10,000,000.00	9,566,100.00	10,000,000.00	2.000	1.973	2.000	1,405	09/06/2022
3130ACKK9	17CCT026	Federal Home Loan Bank		10/25/2017	10,000,000.00	9,674,400.00	10,000,000.00	2.000	1.973	2.000	1,271	04/25/2022
3130ACUL6	17CCT032	Federal Home Loan Bank		12/14/2017	10,000,000.00	9,798,200.00	10,000,000.00	2.000	1.973	2.000	774	12/14/2020
3130ACV43	17CCT035	Federal Home Loan Bank		11/30/2017	10,000,000.00	9,718,800.00	10,000,000.00	2.125	2.096	2.125	1,121	11/26/2021
3130ACVV3	17CCT038	Federal Home Loan Bank		11/30/2017	15,000,000.00	14,499,000.00	15,000,000.00	2.350	2.318	2.350	1,485	11/25/2022
3130ACVW1	17CCT039	Federal Home Loan Bank		12/14/2017	15,000,000.00	14,701,650.00	15,000,000.00	2.040	2.012	2.040	774	12/14/2020
3134GBK84	17CCT023	Federal Home Loan Mtg Corp		09/27/2017	10,000,000.00	9,613,400.00	10,000,000.00	2.000	1.973	2.000	1,426	09/27/2022
3134GBJ78	17CCT024	Federal Home Loan Mtg Corp		09/29/2017	10,000,000.00	9,625,300.00	10,000,000.00	2.100	2.071	2.100	1,428	09/29/2022
3134GBZ21	17CCT029	Federal Home Loan Mtg Corp		11/28/2017	10,000,000.00	9,650,400.00	10,000,000.00	2.350	2.318	2.350	1,488	11/28/2022
3134GB3W0	17CCT030	Federal Home Loan Mtg Corp		11/29/2017	15,000,000.00	14,613,150.00	14,997,117.60	2.150	2.127	2.157	1,119	11/24/2021
3134GB4E9	17CCT031	Federal Home Loan Mtg Corp		11/29/2017	10,000,000.00	9,710,200.00	10,000,000.00	2.125	2.096	2.125	1,121	11/26/2021
3134GBW73	17CCT033	Federal Home Loan Mtg Corp		11/22/2017	15,000,000.00	14,484,000.00	15,000,000.00	2.350	2.318	2.350	1,482	11/22/2022
3134GB4N9	17CCT034	Federal Home Loan Mtg Corp		12/08/2017	15,000,000.00	14,601,150.00	15,000,000.00	2.200	2.170	2.200	1,133	12/08/2021
3134GBW32	17CCT036	Federal Home Loan Mtg Corp		11/20/2017	20,000,000.00	19,607,600.00	19,997,262.96	2.000	1.979	2.007	750	11/20/2020
3134GB4W9	17CCT040	Federal Home Loan Mtg Corp		12/14/2017	15,000,000.00	14,485,500.00	15,000,000.00	2.350	2.318	2.350	1,504	12/14/2022
3136G3M93	16CCT014	Federal National Mtg Assn		07/26/2016	10,000,000.00	9,879,500.00	10,000,000.00	1.000	0.986	1.000	267	07/26/2019
3136G3W84	16CCT021	Federal National Mtg Assn		09/16/2016	11,790,000.00	11,629,420.20	11,784,724.47	1.000	1.041	1.055	300	08/28/2019
3136G4EY5	16CCT024	Federal National Mtg Assn		10/17/2016	10,000,000.00	9,759,900.00	10,000,000.00	1.140	1.124	1.140	533	04/17/2020
3136G4KQ5	17CCT008	Federal National Mtg Assn		03/31/2017	10,000,000.00	9,856,200.00	9,996,879.52	1.650	1.653	1.676	442	01/17/2020
3136G4PV9	17CCT041	Federal National Mtg Assn		11/20/2017	5,000,000.00	4,836,750.00	4,990,504.78	2.250	2.269	2.300	1,456	10/27/2022
3136G4QC0	17CCT042	Federal National Mtg Assn		11/20/2017	10,000,000.00	9,647,500.00	9,964,510.49	2.200	2.264	2.295	1,442	10/13/2022

**Cuyahoga County Treasury
Portfolio Management
Portfolio Details - Investments
October 31, 2018**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity	Maturity Date
Callable Federal Agency Securities												
3136G4PJ6	17CCT043	Federal National Mtg Assn		11/20/2017	15,000,000.00	14,679,750.00	14,958,606.90	1.850	1.969	1.996	712	10/13/2020
Subtotal and Average			326,376,236.48		326,563,000.00	317,778,360.68	326,379,081.54		1.980	2.007	1,036	
Foreign Securities												
46513XGE4	17CCT002	State of Israel		03/15/2017	1,500,000.00	1,500,000.00	1,500,000.00	2.590	2.555	2.590	486	03/01/2020
46513XBE9	17CCT003	State of Israel		03/15/2017	1,500,000.00	1,487,535.00	1,500,000.00	2.250	2.219	2.250	486	03/01/2020
46513XAS9	17CCT004	State of Israel		03/15/2017	3,000,000.00	2,992,560.00	3,000,000.00	1.900	1.874	1.900	120	03/01/2019
46513XY46	18CCT003	State of Israel		03/01/2018	10,000,000.00	9,937,300.00	10,000,000.00	3.560	3.515	3.563	1,581	03/01/2023
Subtotal and Average			16,000,000.00		16,000,000.00	15,917,395.00	16,000,000.00		2.996	3.037	1,102	
Municipal Securities												
9AMBDD07	17CCT001	Cuyahoga County		02/07/2017	21,030,000.00	21,030,000.00	21,030,000.00	3.500	3.452	3.500	6,636	01/01/2037
Subtotal and Average			21,030,000.00		21,030,000.00	21,030,000.00	21,030,000.00		3.452	3.500	6,636	
STAR Ohio Account												
STAR OHIO	STAR Ohio	STAR Ohio		12/31/2013	55,300,000.00	55,300,000.00	55,300,000.00	2.290	2.259	2.290	1	
Subtotal and Average			88,770,967.74		55,300,000.00	55,300,000.00	55,300,000.00		2.259	2.290	1	
Money Market Accounts												
KEY-SAVINGS	KEY-SAVINGS	KEY BANK		05/01/2018	50,000,000.00	50,000,000.00	50,000,000.00	1.800	1.775	1.800	1	
Subtotal and Average			50,000,000.00		50,000,000.00	50,000,000.00	50,000,000.00		1.775	1.800	1	
Total and Average			911,606,091.65		878,013,000.00	863,611,732.48	875,850,616.11		2.032	2.060	724	

**Cuyahoga County Treasury
Portfolio Management
Portfolio Details - Cash
October 31, 2018**

CUSIP	Investment #	Issuer	Average Balance	Purchase Date	Par Value	Market Value	Book Value	Stated Rate	YTM 360	YTM 365	Days to Maturity
Passbook/Checking Accounts											
KEY	Key	KEY BANK			1,199,920.70	1,199,920.70	1,199,920.70	0.000	0.000		1
PNC	PNC	PNC			8,339,056.63	8,339,056.63	8,339,056.63	0.000	0.000		1
US BANK	US Bank	US Bank			969,721.08	969,721.08	969,721.08	0.000	0.000		1
		Average Balance	0.00								1
Total Cash and Investments			911,606,091.65		888,521,698.41	874,120,430.89	886,359,314.52	2.032	2.060		724

**Cuyahoga County Treasury
Portfolio Management
Activity By Type
October 1, 2018 through October 31, 2018**

CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
Certificates of Deposit - Bank							
18CD004	18CD004	KEY BANK	0.250	10/01/2018	24,800,000.00	0.00	
18CD005	18CD005	KEY BANK	0.250	10/01/2018	9,600,000.00	0.00	
Subtotal					34,400,000.00	0.00	38,700,000.00
Passbook/Checking Accounts (Monthly Summary)							
KEY	Key	KEY BANK			2,288,739.77	2,187,813.79	
PNC	PNC	PNC			9,633,491.28	11,537,270.97	
US BANK	US Bank	US Bank			23,059,858.32	22,755,299.59	
Subtotal					34,982,089.37	36,480,384.35	0.00
Commercial Paper Disc. -Amortizing							
2254EBUC3	18CCT016	Bank of New York Mellon	2.770	10/16/2018	19,586,038.80	0.00	
22533UQR7	18CCT017	Credit AG	2.660	10/24/2018	9,887,688.90	0.00	
13607FUK0	18CCT019	Canadian IMP	2.840	10/25/2018	8,604,853.30	0.00	
4497W1K54	18CCT001	ING Funding LLC	1.950	10/05/2018	0.00	10,000,000.00	
4497W1UC8	18CCT018	ING Funding LLC	2.850	10/25/2018	11,390,615.83	0.00	
89233HKR4	18CCT011	Toyota Motor Credit Corporatio	2.320	10/25/2018	0.00	20,000,000.00	
Subtotal					49,469,196.83	30,000,000.00	208,629,079.16
Federal Agency Coupon Securities							
3133EFX69	16CCT005	Federal Farm Credit Bank	0.960	10/05/2018	0.00	10,000,000.00	
3133EGYN9	16CCT025	Federal Farm Credit Bank	0.940	10/17/2018	0.00	10,000,000.00	
Subtotal					0.00	20,000,000.00	139,820,851.71
Treasury Coupon Securities							
Subtotal							19,991,603.70
Callable Federal Agency Securities							
Subtotal							326,379,081.54
Foreign Securities							
Subtotal							16,000,000.00
Municipal Securities							
Subtotal							21,030,000.00

**Cuyahoga County Treasury
Portfolio Management
Activity By Type
October 1, 2018 through October 31, 2018**

CUSIP	Investment #	Issuer	Stated Rate	Transaction Date	Purchases or Deposits	Redemptions or Withdrawals	Balance
STAR Ohio Account							
STAR OHIO	STAR Ohio	STAR Ohio	2.290		49,569,881.06	107,369,881.06	
		Subtotal			49,569,881.06	107,369,881.06	55,300,000.00
Money Market Accounts							
KEY-SAVINGS	KEY-SAVINGS	KEY BANK	1.800		87,128.17	87,128.17	
		Subtotal			87,128.17	87,128.17	50,000,000.00
		Total			168,508,295.43	193,937,393.58	875,850,616.11



Cuyahoga County Treasury
Received Interest
Sorted by Issuer
Received October 1, 2018 - October 31, 2018

Cuyahoga County
 2079 E. 9th Street
 Cleveland, OH 44115

Issuer	CUSIP	Investment #	Security Type	Par Value	Current Rate	Date Due	Date Received	Interest		Variance
								Amount Due	Amount Received	
Federal Farm Credit Bank	3133EFX69	16CCT005	FAC	0.00	0.960	10/05/2018	10/05/2018	48,000.00	48,000.00	-
	3133EHEZ2	17CCT009	FAC	10,000,000.00	1.600	10/06/2018	10/06/2018	80,000.00	80,000.00	-
	3133EGYN9	16CCT025	FAC	0.00	0.940	10/17/2018	10/17/2018	47,000.00	47,000.00	-
							Subtotal	175,000.00	175,000.00	
Federal Home Loan Bank	3130AB3T1	17CCT010	MC2	10,000,000.00	1.750	10/24/2018	10/24/2018	87,500.00	87,500.00	-
	3130ACKK9	17CCT026	MC2	10,000,000.00	2.000	10/25/2018	10/25/2018	100,000.00	100,000.00	-
							Subtotal	187,500.00	187,500.00	
Federal National Mtg Assn	3135G0Q89	16CCT032	FAC	10,000,000.00	1.375	10/07/2018	10/07/2018	68,750.00	68,750.00	-
	3136G4QC0	17CCT042	MC2	10,000,000.00	2.200	10/13/2018	10/13/2018	110,000.00	110,000.00	-
	3136G4PJ6	17CCT043	MC2	15,000,000.00	1.850	10/13/2018	10/13/2018	138,750.00	138,750.00	-
	3136G4EY5	16CCT024	MC2	10,000,000.00	1.140	10/17/2018	10/17/2018	57,000.00	57,000.00	-
	3135G0R39	16CCT029	FAC	10,000,000.00	1.000	10/24/2018	10/24/2018	50,000.00	50,000.00	-
	3136G4PV9	17CCT041	MC2	5,000,000.00	2.250	10/27/2018	10/27/2018	56,250.00	56,250.00	-
							Subtotal	480,750.00	480,750.00	
Total								843,250.00	843,250.00	
Total Cash Overpayment								0.00		
Total Cash Shortfall								0.00		

Cuyahoga County Treasury
 Received Interest
 Received October 1, 2018 - October 31, 2018

Issuer	CUSIP	Investment #	Security Type	Par Value	Current Rate	Date Received	Interest
							Amount Received
Cash Accounts							
KEY BANK	KEY-SAVINGS	KEY-SAVINGS	RR2	50,000,000.00	1.800	10/31/2018	87,128.17
						Subtotal	87,128.17
STAR Ohio	STAR OHIO	STAR Ohio	RRP	73,000,000.00	2.290	10/31/2018	169,881.06
						Subtotal	169,881.06
						Total	257,009.23



Portfolio Compliance Report October 31, 2018

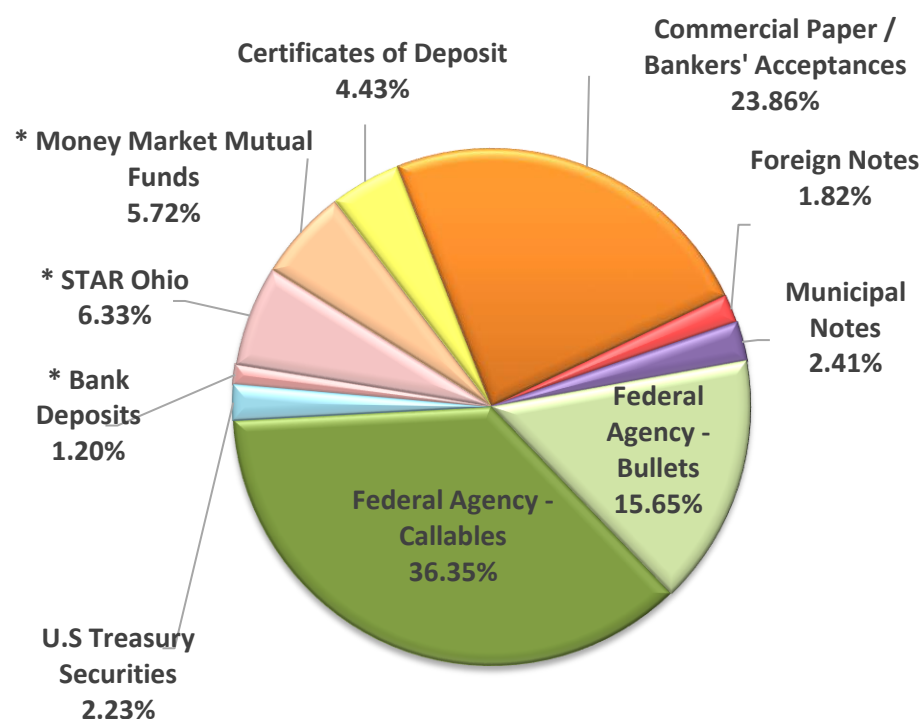
<u>Investment Class</u>	<u>Book Value</u>	<u>Market Value</u>	<u>Unrealized Gain/(Loss)</u>	<u>% Current Mkt Value</u>	<u>% Prior Mkt / Trailing Ave</u>	<u>Investment Policy Limit</u>	<u>% Available</u>
* Bank Deposits	10,508,698.41	10,508,698.41	0.00	1.20%	1.18%	60%	58.82%
* STAR Ohio	55,300,000.00	55,300,000.00	0.00	6.33%	6.20%	60%	53.80%
* Repurchase Agreements	0.00	0.00	0.00	0.00%	0.00%	50%	50.00%
* Money Market Mutual Funds	50,000,000.00	50,000,000.00	0.00	5.72%	5.60%	60%	54.40%
Certificates of Deposit	38,700,000.00	38,700,000.00	0.00	4.43%	3.65%	20%	16.35%
Commercial Paper / Bankers' Acceptances	208,629,079.16	208,581,576.80	(47,502.36)	23.86%	19.68%	40%	20.32%
Corporate Notes	0.00	0.00	0.00	0.00%	0.00%	15%	15.00%
Foreign Notes	16,000,000.00	15,917,395.00	(82,605.00)	1.82%	1.50%	2%	0.50%
Municipal Notes	21,030,000.00	21,030,000.00	0.00	2.41%	1.98%	10%	8.02%
Federal Agency - Bullets	139,820,851.71	136,786,000.00	(3,034,851.71)	15.65%	12.90%	100%	87.10%
Federal Agency - Callables	326,379,081.54	317,778,360.68	(8,600,720.86)	36.35%	29.98%	40%	10.02%
Federal Agency - Discount Notes	0.00	0.00	0.00	0.00%	0.00%	100%	100.00%
U.S Treasury Securities	19,991,603.70	19,518,400.00	(473,203.70)	2.23%	1.84%	100%	98.16%
TOTAL HOLDINGS	886,359,314.52	874,120,430.89	(12,238,883.63)	100.00%			

Prior Day Market Value	892,249,109.35
12 Month Trailing Avg	1,060,127,680.84

* These investment classes are limited to their respective policy limit percentage calculated using the Prior Day Market Value.

Other investment classes are limited to their respective policy limit percentage calculated using the 12 Month Trailing Average.

Asset Allocation



Federal Agency Breakdown

