

# City of Winter Springs, Florida



# **Investment Performance Review**For the Quarter Ended March 31, 2020

**Investment Advisors** 

PFM Asset Management LLC

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# Tab I

Market Update

# Tab II

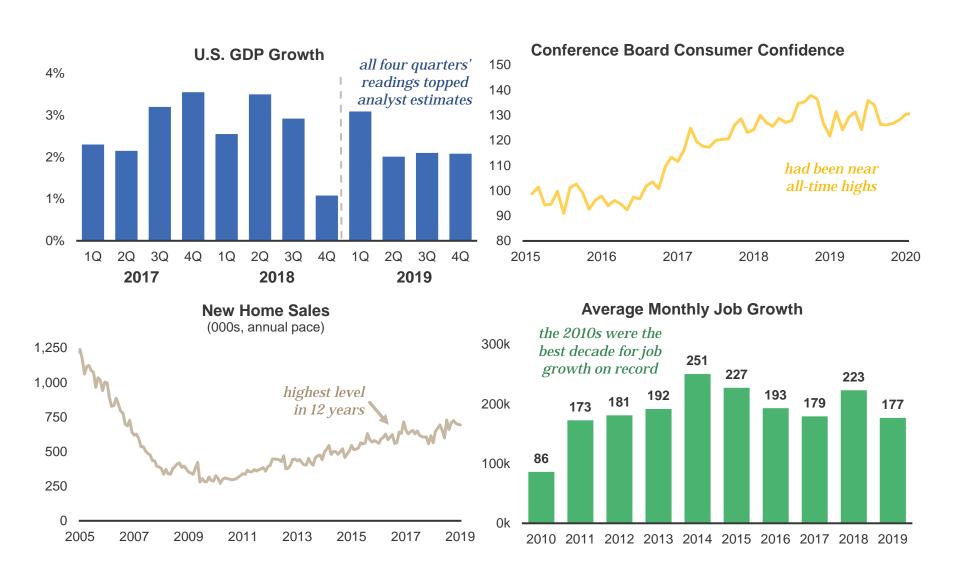
- Executive Summary
- Asset Allocation Chart

# Tab III

- General City Account
- Important Disclosures

# Tab I

# **Domestic Data Was Strong Prior to Coronavirus Outbreak**



Source: Bloomberg, latest data available as of 2/29/2020.

# **COVID-19: A Three-Pronged Crisis**



## **Health Crisis Pandemic**

The rapidly spreading coronavirus is overwhelming healthcare facilities around the world as the number of cases and deaths related to the virus continue to grow.



# **Effects on the Economy**

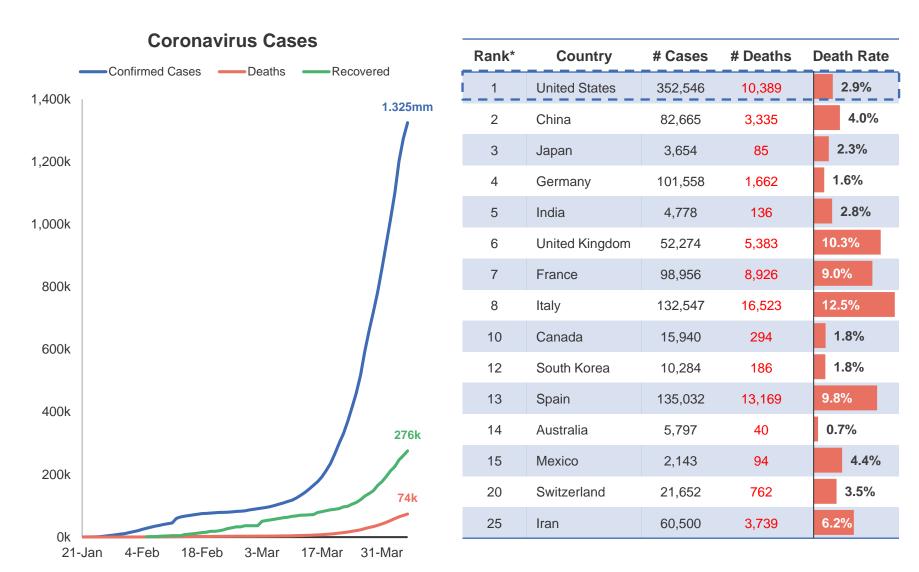
With businesses forced to close their doors and consumers stuck at home "social distancing," the economy has come to a near standstill over a very short period of time.



## **Effects on Financial Markets**

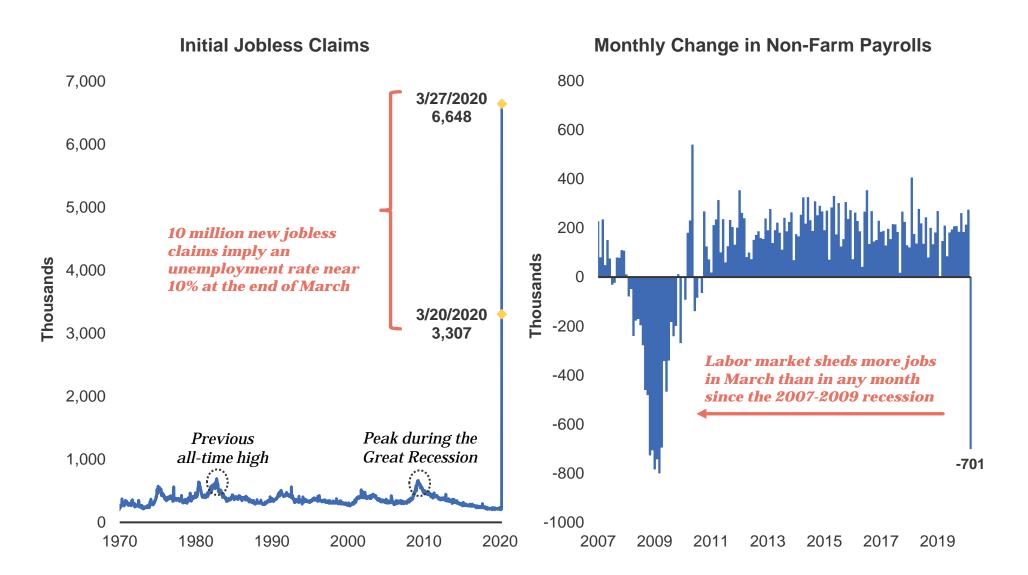
Treasury yields and stock prices have plummeted while credit spreads and volatility have soared in reaction to the uncertainty created by the pandemic.

# **COVID-19 Pandemic Spans the Globe and Is Still Growing**



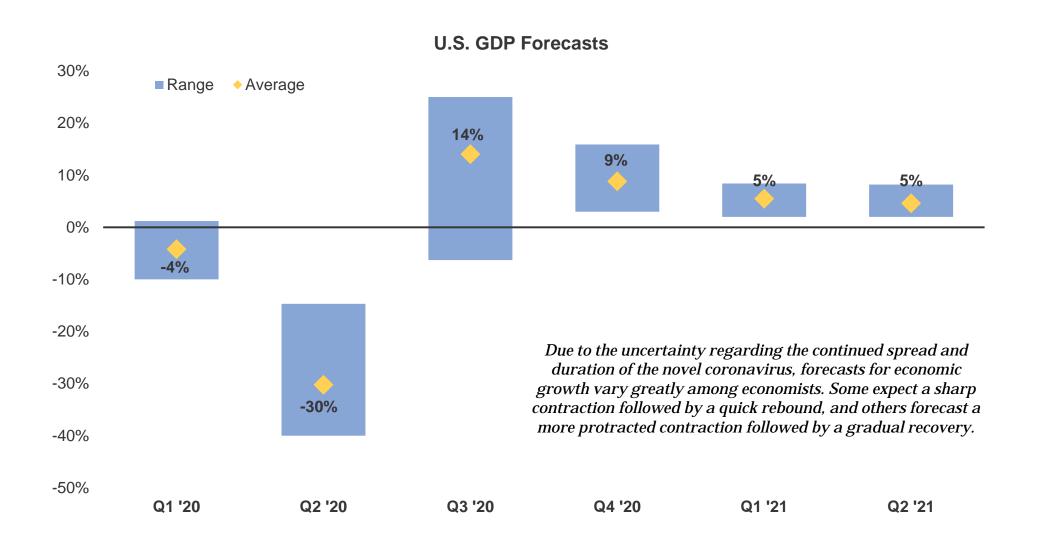
Source: Bloomberg data compiled from Johns Hopkins University, the World Health Organization, and other sources. By size of economy, estimates by IMF for 2019. Data as of 4/6/2020.

# **U.S. Economy Posts Massive Job Losses in March**



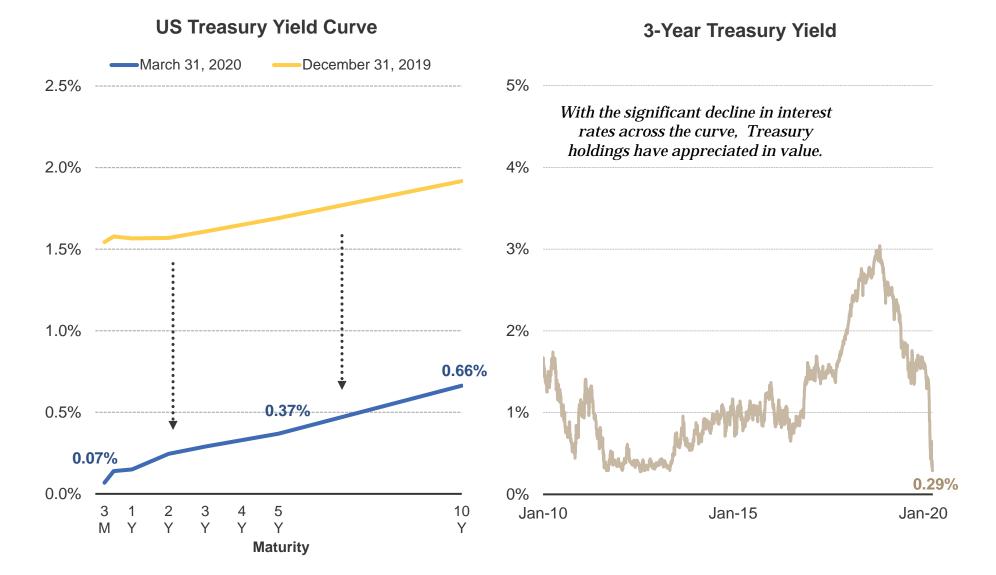
Source: Bloomberg, as of 4/3/2020. Data is seasonally adjusted.

# Economists Expect a Significant, Immediate Downturn in the U.S. Economy



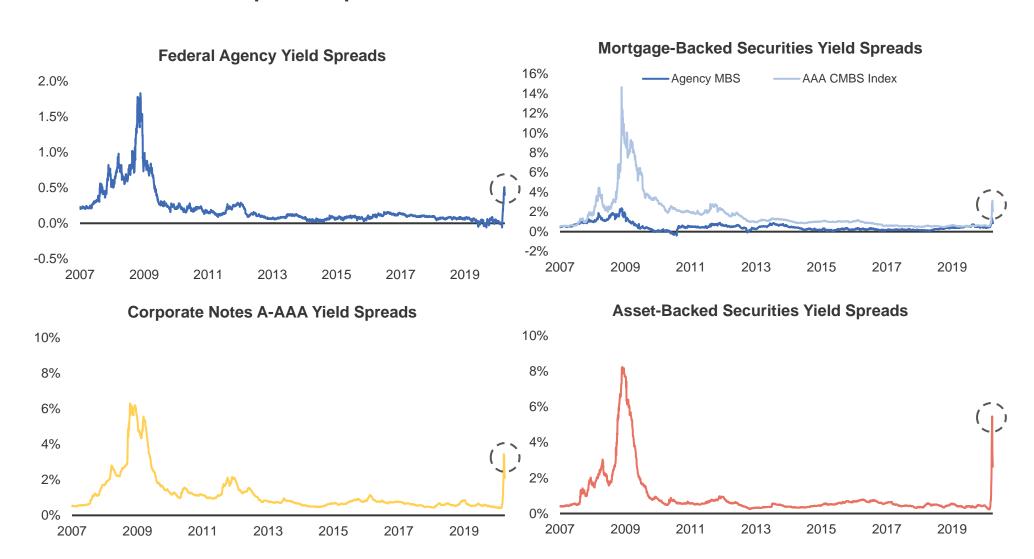
Source: Bloomberg. Forecasts made from 3/25/2020 through 4/3/2020 by ING Group, Morgan Stanley, Deutsche Bank, Goldman Sachs Group, Barclays, JPMorgan Chase, UBS, TD Bank, and Wells Fargo.

# Interest Rates Plunge; Likely to Stay Ultra-Low Through the Crisis



Source: Bloomberg as of 3/31/2020.

# Sector Spreads Spike to Levels Not Seen Since the Great Recession



Source: ICE BofAML 1-5 year Indices via Bloomberg, MarketAxess and PFM as of 3/31/20. Spreads on ABS and MBS are option-adjusted spreads of 0-5 year indices based on weighted average life; spreads on agencies are relative to comparable-maturity Treasuries. CMBS is Commercial Mortgage-Backed Securities.

# **Stocks Plummet From All-Time Highs During a Volatile Quarter**

## **S&P Price Change**



Source: Bloomberg as of 3/31/2020.

# Federal Reserve Broadens Tool Kit to Support Markets

## **Zero Interest Rates**

Cut rates by 150 bps at two emergency meetings in March

# **Asset Purchase Programs**

Treasury and Agency MBS purchase program

# **U.S. Dollar Swap Lines**

Expanded swap lines with additional foreign central banks

# **Liquidity Support**

Funding for CP, corporate bonds, ABS, MMF & primary dealers

# **Discount Window**

Decreased rate charged and extended term of loans

# **Repurchase Agreements**

Increased the amount offered in repurchase operations

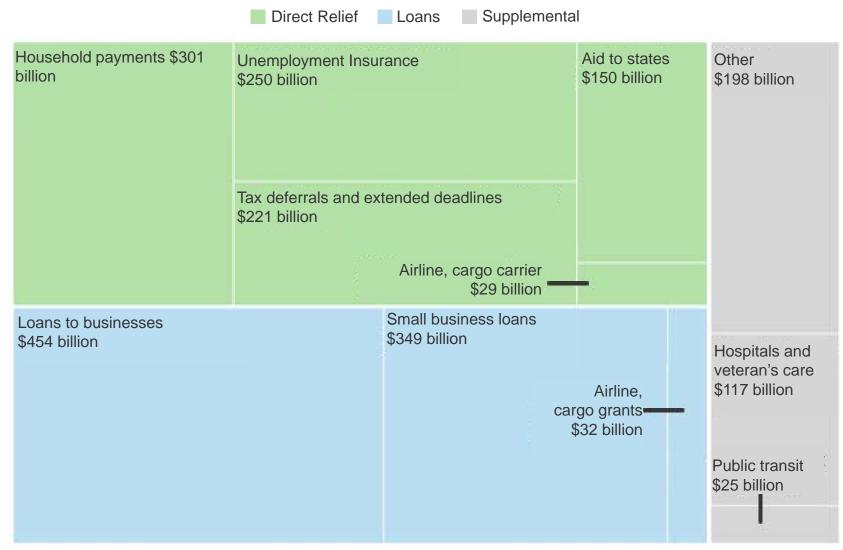
# **Regulatory Relief**

Moved reserve requirement to 0, extended the filing deadline for 3/31 financial statements, and eased capital liquidity restraints

Source: Federal Reserve.

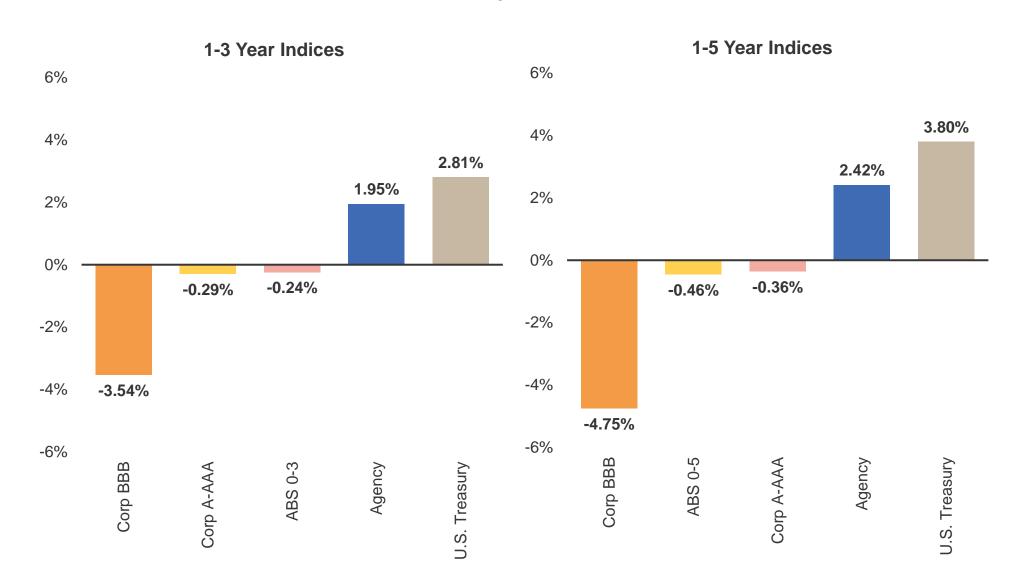
# **Congress Passes \$2 Trillion Stimulus Package**

# Coronavirus Aid, Relief, and Economic Security (CARES) Act



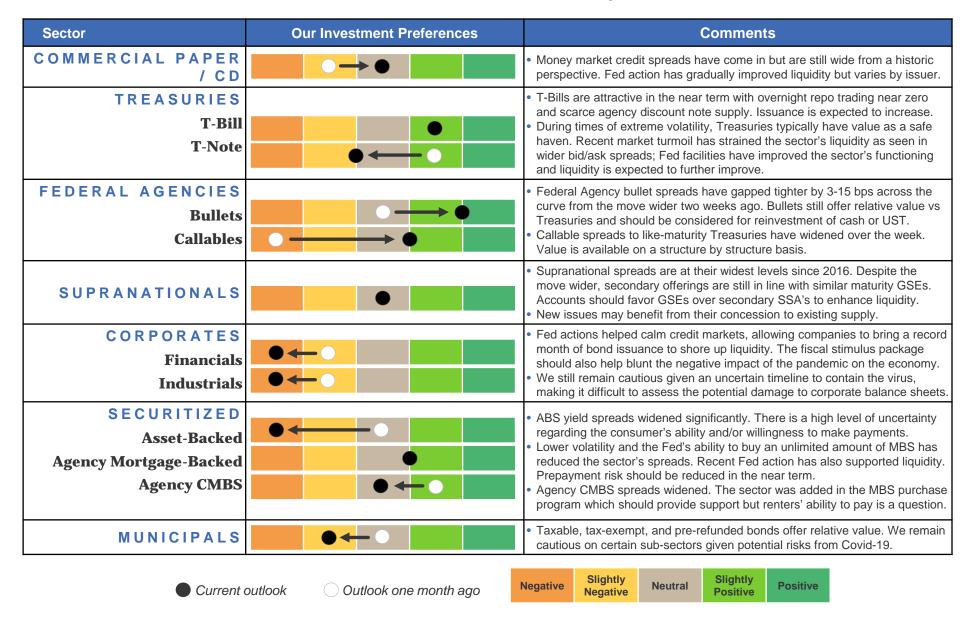
Source: NPR, as of 3/31/2020.

# **Government Sectors Outperform in the First Quarter**



Source: Bloomberg, as of 3/31/2020.

# Fixed-Income Sector Outlook – April 2020

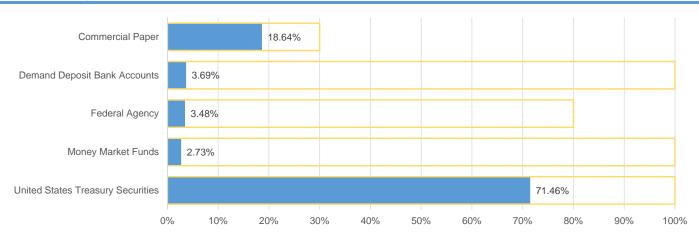


# Tab II

- The Portfolio is of high credit quality and invested in U.S. Treasury, federal agency/GSE, and commercial paper securities.
- The Portfolio's quarterly total return performance of 1.42% underperformed the Winter Spring General City Account Custom Index of 1.72% by 0.30%. Over the past year, the Portfolio earned 3.49% versus 3.85% for the benchmark.
- Although the U.S. economy entered the year on a strong footing, that deteriorated quickly as the COVID-19 pandemic took hold across the globe, including the U.S. This created a threefold crisis: (1) a global health crisis, (2) a virtual economic shutdown in the U.S. and elsewhere, and (3) unprecedented moves in the financial markets. The immediate impact of the pandemic on global economies made typical economic indicators, most of which are backward-looking, essentially irrelevant.
- The Federal Reserve responded aggressively by:
  - Cutting rates at two emergency meetings to the new target range of 0% to 0.25%,
  - Initiating unlimited bond buying (quantitative easing) of various security types, and
  - Dusting off and adding to their playbook of market support programs from the 2008-9 financial crisis to cushion the potential blow on financial markets.
- Treasury yields plunged in response to the Fed's new zero interest rate policy, with longer-term Treasury yields reaching new historic lows. These moves led to positive returns on Treasury indexes. However, in a move reminiscent of 2008, yield spreads on all other asset classes spiked as investors grappled with unprecedented uncertainty. Credit allocations were a significant detractor of performance during the first quarter.
- Due to market disruption, ICE Data Services, the organization that oversees indices commonly used as fixed-income benchmarks, announced the postponement of the March 31, 2020 rebalancing for all fixed-income indices to alleviate the need for asset managers to execute forced trades in highly volatile markets.
- U.S. economic fundamentals are expected to deteriorate significantly in Q2 as the full effect of COVID-19 materializes. The real
  question is the duration of the economic shutdown and the speed and trajectory of the eventual recovery. As a result of this
  uncertainty, we plan to maintain neutral portfolio durations relative to their respective benchmarks into April as we monitor
  guidance from index vendors regarding future rebalancing.

# **Custom Benchmark Definitions**

• The Winter Springs General City Account's benchmark was originally the Merrill Lynch 1-3 Year Government Index. On June 30, 2011, the benchmark was moved to the Merrill Lynch 1 Year U.S. Treasury Note Index. The benchmark's total return performance is a blended performance of the benchmarks for time periods that include dates prior to June 30, 2011



	Amortized Cost	Allocation	Permitted by	
Security Type	(Includes Interest)	Percentage	Policy	In Compliance
Bankers' Acceptances	-	-	30%	Yes
Certificates of Deposit and Savings Accounts	-	-	25%	Yes
Commercial Paper	13,752,188.70	18.64%	30%	Yes
Corporate Notes	-	-	50%	Yes
Demand Deposit Bank Accounts	2,721,167.66	3.69%	100%	Yes
Federal Agency	2,567,709.49	3.48%	80%	Yes
Intergovernmental Pools	-	-	25%	Yes
Money Market Funds	2,010,620.46	2.73%	100%	Yes
Municipals	-	-	20%	Yes
Repurchase Agreements	-	-	50%	Yes
United States Treasury Securities	52,719,582.58	71.46%	100%	Yes
Total	73,771,268.89	100.00%		-

End of month trade-date amortized cost of portfolio holdings, including accrued interest.

Asset Allocation

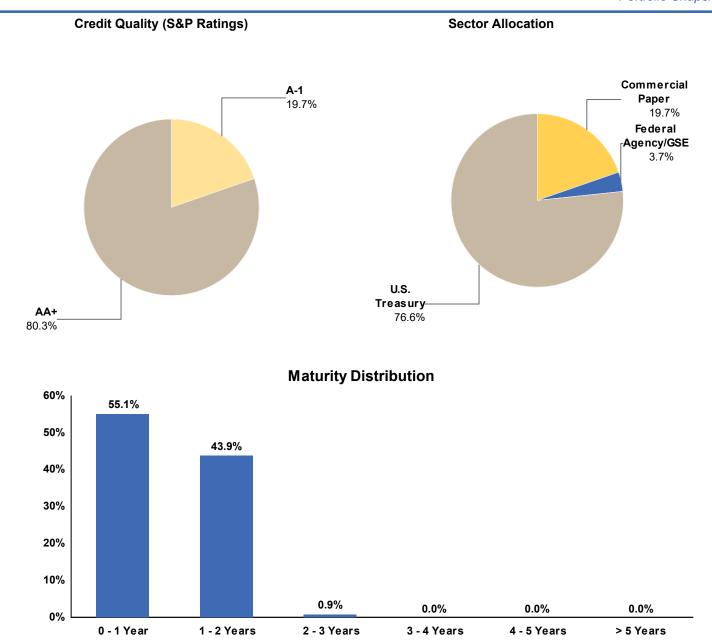
		Amortized Cost	Allocation	Permitted by	ln
Sector	Individual Issuer Breakdown	(Includes Interest)	Percentage	Policy	Compliance
US TSY BOND/NOTE	UNITED STATES TREASURY	52,719,582.58	71.46%	100%	Yes
FED AGY BOND/NOTE	FEDERAL HOME LOAN BANKS	1,144,348.28	1.55%	25%	Yes
FED AGY BOND/NOTE	FEDERAL FARM CREDIT BANK	1,423,361.21	1.93%	25%	Yes
COMMERCIAL PAPER	MUFG BANK LTD/NY	1,949,477.29	2.64%	10%	Yes
COMMERCIAL PAPER	BNP PARIBAS NY BRANCH	1,924,486.67	2.61%	10%	Yes
COMMERCIAL PAPER	CANADIAN IMPERIAL HOLDING	1,945,913.67	2.64%	10%	Yes
COMMERCIAL PAPER	ING (US) FUNDING LLC	1,124,060.00	1.52%	10%	Yes
COMMERCIAL PAPER	CREDIT AGRICOLE CIB NY	2,115,868.40	2.87%	10%	Yes
COMMERCIAL PAPER	JP MORGAN SECURITIES LLC	3,197,962.67	4.33%	10%	Yes
COMMERCIAL PAPER	NATIXIS NY BRANCH	1,494,420.00	2.03%	10%	Yes
DEMAND DEPOSIT BANK ACCOUNT	5/3 BANK CASH FOR OPERATION - DEPOSITORY	2,721,167.66	3.69%	100%	Yes
MNY MKT/MUTUAL FND	CASH BALANCE	2,010,620.46	2.73%	25%	Yes
Total		73,771,268.89	100.00%		

End of month trade-date amortized cost of portfolio holdings, including accrued interest.

# Tab III

# Portfolio Statistics As of March 31, 2020

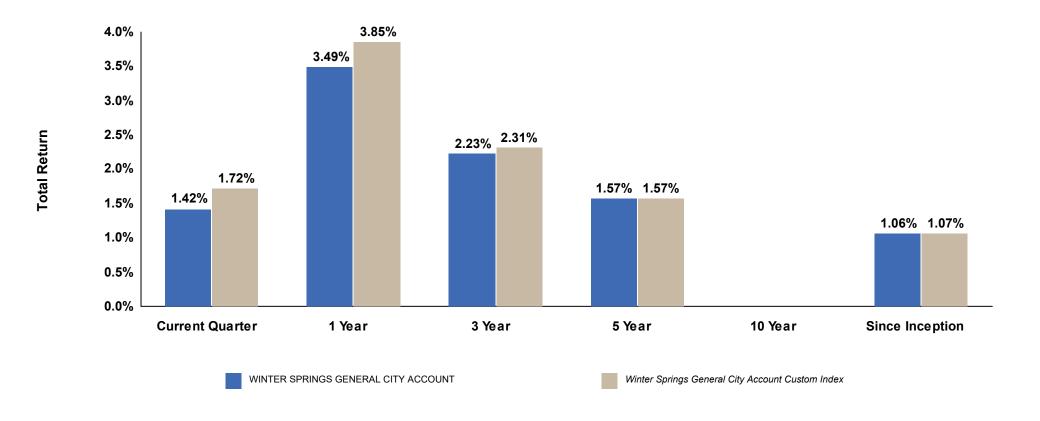
\$68,915,000 Par Value: **Total Market Value:** \$71,884,111 \$69,671,803 Security Market Value: Accrued Interest: \$201,688 \$2,010,620 Cash: \$68,837,792 **Amortized Cost:** Yield at Market: 0.49% 1.87% Yield at Cost: 0.88 Years **Effective Duration:** 0.88 Years **Duration to Worst:** 0.90 Years **Average Maturity:** Average Credit: \* AA



<sup>\*</sup> An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.

### **Portfolio Performance (Total Return)**

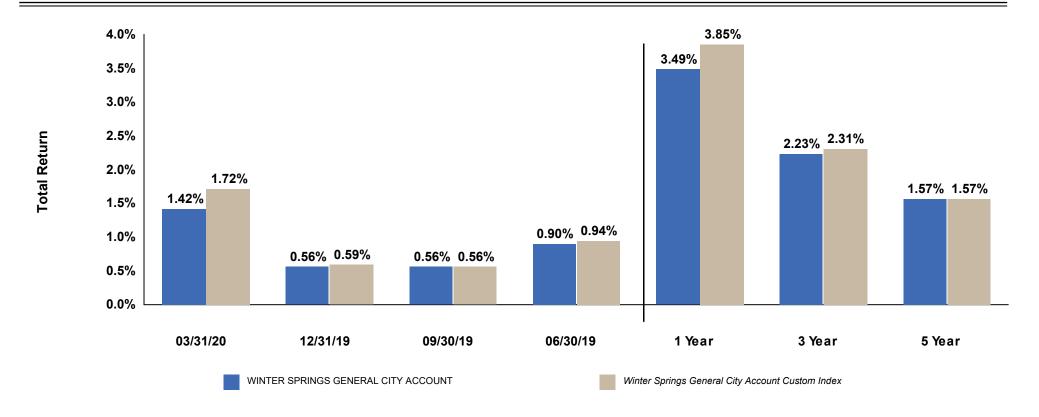
		-	_	Annualized Return			
Portfolio/Benchmark	Effective Duration	Current Quarter	1 Year	3 Year	5 Year	10 Year	Since Inception (03/31/11) **
WINTER SPRINGS GENERAL CITY ACCOUNT	0.88	1.42%	3.49%	2.23%	1.57%	-	1.06%
Winter Springs General City Account Custom Index	0.90	1.72%	3.85%	2.31%	1.57%	-	1.07%
Difference		-0.30%	-0.36%	-0.08%	0.00%	-	-0.01%



Portfolio performance is gross of fees unless otherwise indicated. \*\*Since Inception performance is not shown for periods less than one year.

## **Portfolio Performance (Total Return)**

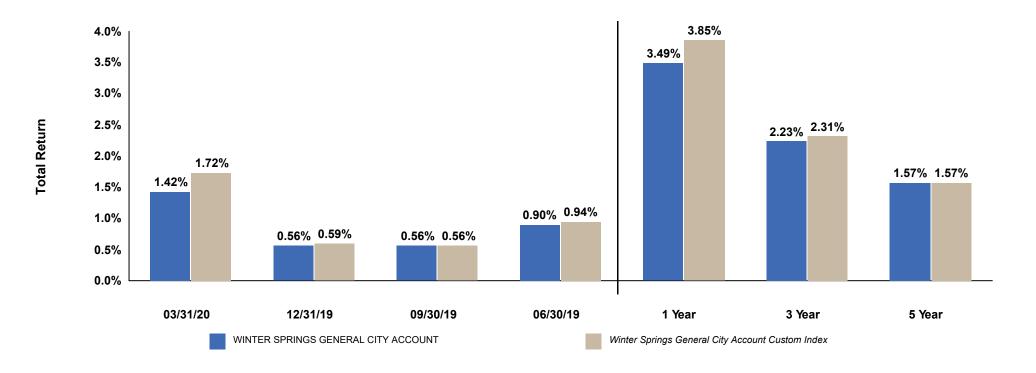
			Quarte	r Ended		_	Annualized	d Return
Portfolio/Benchmark	Effective Duration	03/31/20	12/31/19	09/30/19	06/30/19	1 Year	3 Year	5 Year
WINTER SPRINGS GENERAL CITY ACCOUNT	0.88	1.42%	0.56%	0.56%	0.90%	3.49%	2.23%	1.57%
Winter Springs General City Account Custom Index	0.90	1.72%	0.59%	0.56%	0.94%	3.85%	2.31%	1.57%
Difference		-0.30%	-0.03%	0.00%	-0.04%	-0.36%	-0.08%	0.00%



Portfolio performance is gross of fees unless otherwise indicated.

### Portfolio Performance (Total Return)

			Quart	er Ended		_	Annualize	d Return
Portfolio/Benchmark	Effective Duration	03/31/20	12/31/19	09/30/19	06/30/19	1 Year	3 Year	5 Year
WINTER SPRINGS GENERAL CITY ACCOUNT	0.88	1.42%	0.56%	0.56%	0.90%	3.49%	2.23%	1.57%
Net of Fees **	-	1.41%	0.55%	0.55%	0.89%	3.46%	2.20%	1.54%
Winter Springs General City Account Custom Index	0.90	1.72%	0.59%	0.56%	0.94%	3.85%	2.31%	1.57%
Difference (Gross)		-0.30%	-0.03%	0.00%	-0.04%	-0.36%	-0.08%	0.00%
Difference (Net)		-0.31%	-0.04%	-0.01%	-0.05%	-0.39%	-0.11%	-0.03%



Portfolio performance is gross of fees unless otherwise indicated. \*\* Fees were calculated based on average assets during the period at the contractual rate.

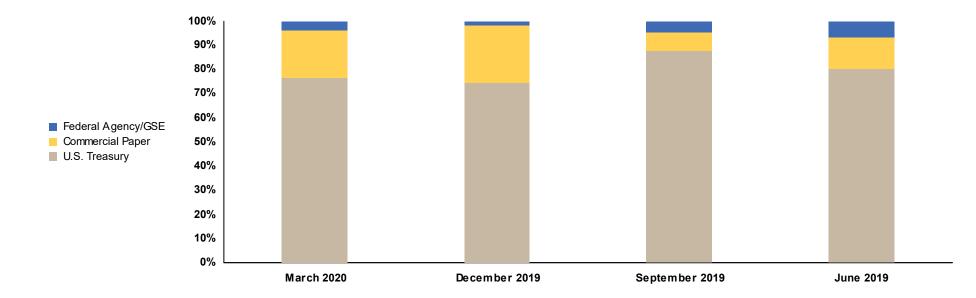
## **Portfolio Earnings**

## Quarter-Ended March 31, 2020

	Market Value Basis	Accrual (Amortized Cost) Basis
Beginning Value (12/31/2019)	\$64,651,807.44	\$64,455,646.23
Net Purchases/Sales	\$4,245,358.65	\$4,245,358.65
Change in Value	\$774,636.44	\$136,787.56
Ending Value (03/31/2020)	\$69,671,802.53	\$68,837,792.44
Interest Earned	\$229,203.13	\$229,203.13
Portfolio Earnings	\$1,003,839.57	\$365,990.69

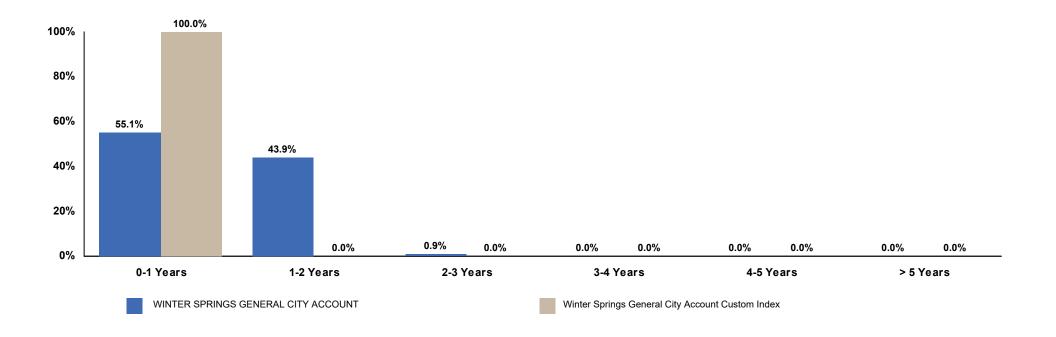
### **Sector Allocation**

	March 31	, 2020	December 3	31, 2019	September	30, 2019	June 30, 2019	
Sector	MV (\$MM)	% of Total	MV (\$MM)	% of Total	MV (\$MM)	% of Total	MV (\$MM)	% of Total
U.S. Treasury	53.3	76.6%	48.0	74.1%	55.3	87.6%	51.2	80.1%
Commercial Paper	13.8	19.7%	15.5	24.1%	5.0	7.8%	8.3	13.0%
Federal Agency/GSE	2.6	3.7%	1.1	1.8%	2.9	4.6%	4.4	6.9%
Total	 \$69.7	100.0%	\$64.7	100.0%	\$63.2	100.0%	\$63.9	100.0%



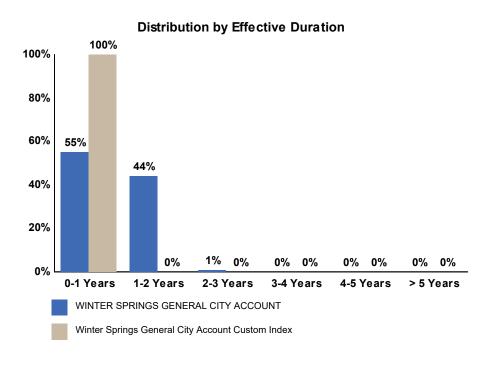
## **Maturity Distribution**

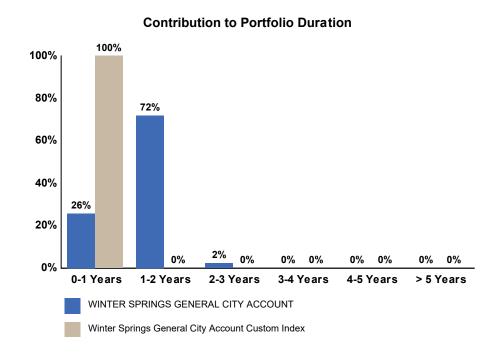
Portfolio/Benchmark	Yield at Market	Average Maturity	0-1 Years	1-2 Years	2-3 Years	3-4 Years	4-5 Years	>5 Years
WINTER SPRINGS GENERAL CITY ACCOUNT	0.49%	0.90 yrs	55.1%	43.9%	0.9%	0.0%	0.0%	0.0%
Winter Springs General City Account Custom Index	0.09%	0.92 yrs	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%



#### **Duration Distribution**

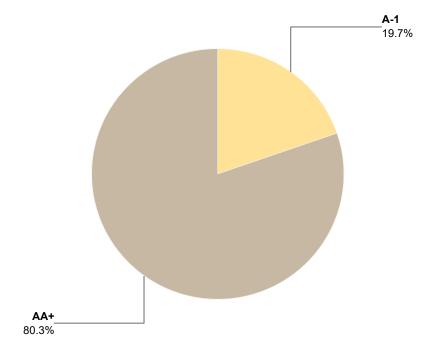
Portfolio / Benchmark	Effective Duration	0-1 YEARS	1-2 YEARS	2-3 YEARS	3-4 YEARS	4-5 YEARS	> 5 YEARS
WINTER SPRINGS GENERAL CITY ACCOUNT	0.88	55.1%	43.9%	0.9%	0.0%	0.0%	0.0%
Winter Springs General City Account Custom Index	0.90	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%





## **Credit Quality**

S&P Rating	Market Value (\$)	% of Portfolio
AA+	\$55,917,551	80.3%
A-1	\$13,754,252	19.7%
Totals	\$69,671,803	100.0%



### **Issuer Distribution**

Issuer	Market Value (\$)	% of Portfolio		
UNITED STATES TREASURY	53,324,272	76.6%		
JP MORGAN CHASE & CO	3,198,438	4.6%	89.8%	
CREDIT AGRICOLE SA	2,115,992	3.0%	5 =	%
MITSUBISHI UFJ FINANCIAL GROUP INC	1,949,610	2.8%	Тор	= 100.0%
CANADIAN IMPERIAL BANK OF COMMERCE	1,946,935	2.8%		Top 10 =
BNP PARIBAS	1,924,542	2.8%		Тор
NATIXIS NY BRANCH	1,494,357	2.1%		
FEDERAL FARM CREDIT BANKS	1,426,596	2.1%		
FEDERAL HOME LOAN BANKS	1,166,682	1.7%		
ING BANK NV	1,124,378	1.6%		
Grand Total:	69,671,803	100.0%		

### **Sector/Issuer Distribution**

Sector / Issuer	Market Value (\$)	% of Sector	% of Total Portfolio
Commercial Paper			
BNP PARIBAS	1,924,542	14.0%	2.8%
CANADIAN IMPERIAL BANK OF COMMERCE	1,946,935	14.2%	2.8%
CREDIT AGRICOLE SA	2,115,992	15.4%	3.0%
ING BANK NV	1,124,378	8.2%	1.6%
JP MORGAN CHASE & CO	3,198,438	23.3%	4.6%
MITSUBISHI UFJ FINANCIAL GROUP INC	1,949,610	14.2%	2.8%
NATIXIS NY BRANCH	1,494,357	10.9%	2.1%
Sector Total	13,754,252	100.0%	19.7%
FEDERAL FARM CREDIT BANKS	1,426,596	55.0%	2.0%
FEDERAL HOME LOAN BANKS	1,166,682	45.0%	1.7%
Sector Total	2,593,278	100.0%	3.7%
U.S. Treasury			
UNITED STATES TREASURY	53,324,272	100.0%	76.5%
Sector Total	53,324,272	100.0%	76.5%
Portfolio Total	69,671,803	100.0%	100.0%

## **Quarterly Portfolio Transactions**

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
BUY									
1/21/20	1/22/20	4,000,000	912828S27	US TREASURY N/B	1.12%	6/30/21	3,977,251.03	1.57%	
1/21/20	1/22/20	2,125,000	22533TG18	CREDIT AGRICOLE CIB NY COMM PAPER	0.00%	7/1/20	2,108,844.10	1.71%	
2/3/20	2/5/20	2,000,000	912828H86	US TREASURY NOTES	1.50%	1/31/22	2,005,802.72	1.36%	
2/6/20	2/10/20	1,425,000	912828YT1	UNITED STATES TREASURY NOTES	1.50%	11/30/21	1,429,705.90	1.48%	
3/2/20	3/4/20	2,500,000	912828ZA1	UNITED STATES TREASURY NOTES	1.12%	2/28/22	2,515,344.77	0.82%	
3/2/20	3/4/20	2,500,000	9128286D7	US TREASURY N/B	2.50%	2/28/21	2,538,765.29	0.95%	
3/10/20	3/18/20	1,425,000	3133ELTN4	FEDERAL FARM CREDIT BANKS NOTES	0.53%	1/18/22	1,423,047.75	0.61%	
Total BUY		15,975,000					15,998,761.56		
INTEREST									
1/2/20	1/2/20		MONEY0002	MONEY MARKET FUND	4.070/	7/7/04	303.14		
1/7/20	1/7/20		3130AGLD5	FEDERAL HOME LOAN BANKS NOTES	1.87%	7/7/21	4,687.50		
1/31/20	1/31/20		912828Y46	US TREASURY NOTES	2.62%	7/31/20	14,437.50		
1/31/20	1/31/20		912828Y46	US TREASURY NOTES	2.62%	7/31/20	13,125.00		
1/31/20	1/31/20	·	912828V72	US TREASURY NOTES	1.87%	1/31/22	6,093.75		
1/31/20	1/31/20		912828Y46	US TREASURY NOTES	2.62%	7/31/20	9,843.75		
1/31/20	1/31/20		9128285X4	UNITED STATES TREASURY NOTES	2.50%	1/31/21	56,250.00		
1/31/20	1/31/20		912828N89	US TREASURY NOTES	1.37%	1/31/21	10,312.50		
1/31/20	1/31/20		912828N89	US TREASURY NOTES	1.37%	1/31/21	6,875.00		
2/5/20	2/5/20		MONEY0002	MONEY MARKET FUND	0.05%	0/45/04	3,805.39		
2/15/20	2/15/20		9128283X6	US TREASURY N/B NOTES	2.25%	2/15/21	22,500.00		
2/29/20	2/29/20		9128282F6	US TREASURY N/B NOTES	1.12%	8/31/21	7,875.00		
2/29/20	2/29/20		912828D72	US TREASURY NOTES	2.00%	8/31/21	12,500.00		
2/29/20	2/29/20	1,425,000	912828L32	US TREASURY NOTES	1.37%	8/31/20	9,796.88		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
2/29/20	2/29/20	1,000,000	9128282F6	US TREASURY N/B NOTES	1.12%	8/31/21	5,625.00		
2/29/20	2/29/20	2,000,000	912828P87	US TREASURY NOTES	1.12%	2/28/21	11,250.00		
3/2/20	3/2/20	0	MONEY0002	MONEY MARKET FUND			283.62		
3/31/20	3/31/20	1,100,000	912828T34	US TREASURY NOTES	1.12%	9/30/21	6,187.50		
Total INTER	REST 21,175,000			201,751.53					
MATURITY									
1/17/20	1/17/20	1,975,000	89233GAH9	TOYOTA MOTOR CREDIT CORP COMM PAPER	0.00%	1/17/20	1,975,000.00		0.00
3/27/20	3/27/20	2,000,000	02665JCT5	AMERICAN HONDA FINANCE COMM PAPER	0.00%	3/27/20	2,000,000.00		0.00
Total MATU	otal MATURITY 3,975,000						3,975,000.00		0.00
SELL									
2/6/20	2/10/20	550,000	912828W63	US TREASURY NOTES	1.62%	3/15/20	553,655.41	1.57%	517.81
2/6/20	2/10/20	850,000	9128284C1	US TREASURY N/B NOTES	2.25%	3/31/20	857,680.27	1.61%	1,141.20
3/2/20	3/4/20	2,500,000	912828K58	US TREASURY NOTES	1.37%	4/30/20	2,511,804.60	1.37%	4,701.05
3/2/20	3/4/20	1,000,000	912828VA5	US TREASURY NOTES	1.12%	4/30/20	1,003,511.76	1.34%	1,879.72
3/2/20	3/4/20	1,500,000	9128284J6	US TREASURY N/B NOTES	2.37%	4/30/20	1,514,519.02	1.39%	3,251.04
3/10/20	3/17/20	1,250,000	912828VF4	US TREASURY NOTES	1.37%	5/31/20	1,257,220.16	0.53%	5,011.36
3/10/20	3/17/20	115,000	912828XE5	US TREASURY NOTES	1.50%	5/31/20	115,756.09	0.45%	503.64
Total SELL		7,765,000					7,814,147.31		17,005.82

## **Quarterly Portfolio Transactions**

Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
INTEREST	1/2/20	1/2/20	0.00	MONEY0002	MONEY MARKET FUND			303.14		
INTEREST	1/7/20	1/7/20	500,000.00	3130AGLD5	FEDERAL HOME LOAN BANKS NOTES	1.87%	7/7/21	4,687.50		
MATURITY	1/17/20	1/17/20	1,975,000.00	89233GAH9	TOYOTA MOTOR CREDIT CORP COMM PAPER	0.00%	1/17/20	1,975,000.00		0.00
BUY	1/21/20	1/22/20	4,000,000.00	912828S27	US TREASURY N/B	1.12%	6/30/21	(3,977,251.03)	1.57%	
BUY	1/21/20	1/22/20	2,125,000.00	22533TG18	CREDIT AGRICOLE CIB NY COMM PAPER	0.00%	7/1/20	(2,108,844.10)	1.71%	
INTEREST	1/31/20	1/31/20	1,100,000.00	912828Y46	US TREASURY NOTES	2.62%	7/31/20	14,437.50		
INTEREST	1/31/20	1/31/20	1,000,000.00	912828Y46	US TREASURY NOTES	2.62%	7/31/20	13,125.00		
INTEREST	1/31/20	1/31/20	650,000.00	912828V72	US TREASURY NOTES	1.87%	1/31/22	6,093.75		
INTEREST	1/31/20	1/31/20	750,000.00	912828Y46	US TREASURY NOTES	2.62%	7/31/20	9,843.75		
INTEREST	1/31/20	1/31/20	4,500,000.00	9128285X4	UNITED STATES TREASURY NOTES	2.50%	1/31/21	56,250.00		
INTEREST	1/31/20	1/31/20	1,500,000.00	912828N89	US TREASURY NOTES	1.37%	1/31/21	10,312.50		
INTEREST	1/31/20	1/31/20	1,000,000.00	912828N89	US TREASURY NOTES	1.37%	1/31/21	6,875.00		
BUY	2/3/20	2/5/20	2,000,000.00	912828H86	US TREASURY NOTES	1.50%	1/31/22	(2,005,802.72)	1.36%	
INTEREST	2/5/20	2/5/20	0.00	MONEY0002	MONEY MARKET FUND			3,805.39		
BUY	2/6/20	2/10/20	1,425,000.00	912828YT1	UNITED STATES TREASURY NOTES	1.50%	11/30/21	(1,429,705.90)	1.48%	
SELL	2/6/20	2/10/20	550,000.00	912828W63	US TREASURY NOTES	1.62%	3/15/20	553,655.41	1.57%	517.81
SELL	2/6/20	2/10/20	850,000.00	9128284C1	US TREASURY N/B NOTES	2.25%	3/31/20	857,680.27	1.61%	1,141.20
INTEREST	2/15/20	2/15/20	2,000,000.00	9128283X6	US TREASURY N/B NOTES	2.25%	2/15/21	22,500.00		
INTEREST	2/29/20	2/29/20	1,400,000.00	9128282F6	US TREASURY N/B NOTES	1.12%	8/31/21	7,875.00		
INTEREST	2/29/20	2/29/20	1,250,000.00	912828D72	US TREASURY NOTES	2.00%	8/31/21	12,500.00		

Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
INTEREST	2/29/20	2/29/20	1,425,000.00	912828L32	US TREASURY NOTES	1.37%	8/31/20	9,796.88		
INTEREST	2/29/20	2/29/20	1,000,000.00	9128282F6	US TREASURY N/B NOTES	1.12%	8/31/21	5,625.00		
INTEREST	2/29/20	2/29/20	2,000,000.00	912828P87	US TREASURY NOTES	1.12%	2/28/21	11,250.00		
INTEREST	3/2/20	3/2/20	0.00	MONEY0002	MONEY MARKET FUND			283.62		
BUY	3/2/20	3/4/20	2,500,000.00	912828ZA1	UNITED STATES TREASURY NOTES	1.12%	2/28/22	(2,515,344.77)	0.82%	
BUY	3/2/20	3/4/20	2,500,000.00	9128286D7	US TREASURY N/B	2.50%	2/28/21	(2,538,765.29)	0.95%	
SELL	3/2/20	3/4/20	2,500,000.00	912828K58	US TREASURY NOTES	1.37%	4/30/20	2,511,804.60	1.37%	4,701.05
SELL	3/2/20	3/4/20	1,000,000.00	912828VA5	US TREASURY NOTES	1.12%	4/30/20	1,003,511.76	1.34%	1,879.72
SELL	3/2/20	3/4/20	1,500,000.00	9128284J6	US TREASURY N/B NOTES	2.37%	4/30/20	1,514,519.02	1.39%	3,251.04
SELL	3/10/20	3/17/20	1,250,000.00	912828VF4	US TREASURY NOTES	1.37%	5/31/20	1,257,220.16	0.53%	5,011.36
SELL	3/10/20	3/17/20	115,000.00	912828XE5	US TREASURY NOTES	1.50%	5/31/20	115,756.09	0.45%	503.64
BUY	3/10/20	3/18/20	1,425,000.00	3133ELTN4	FEDERAL FARM CREDIT BANKS NOTES	0.53%	1/18/22	(1,423,047.75)	0.61%	
MATURITY	3/27/20	3/27/20	2,000,000.00	02665JCT5	AMERICAN HONDA FINANCE COMM PAPER	0.00%	3/27/20	2,000,000.00		0.00
INTEREST	3/31/20	3/31/20	1,100,000.00	912828T34	US TREASURY NOTES	1.12%	9/30/21	6,187.50		
TOTALS								(4,007,862.72)		17,005.82

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 06/01/2015 1.500% 05/31/2020	912828XE5	1,885,000.00	AA+	Aaa	12/27/2018	12/28/2018	1,855,841.41	2.61	9,502.25	1,881,635.54	1,888,828.81
US TREASURY NOTES DTD 06/01/2015 1.500% 05/31/2020	912828XE5	2,000,000.00	AA+	Aaa	5/1/2019	5/3/2019	1,981,640.63	2.37	10,081.97	1,997,204.16	2,004,062.40
US TREASURY NOTES DTD 06/15/2017 1.500% 06/15/2020	912828XU9	1,250,000.00	AA+	Aaa	1/11/2019	1/14/2019	1,231,201.17	2.59	5,532.79	1,247,278.16	1,252,929.75
US TREASURY NOTES DTD 06/15/2017 1.500% 06/15/2020	912828XU9	650,000.00	AA+	Aaa	1/17/2019	1/18/2019	640,224.61	2.60	2,877.05	648,573.63	651,523.47
US TREASURY NOTES DTD 06/30/2015 1.625% 06/30/2020	912828XH8	820,000.00	AA+	Aaa	6/26/2017	6/28/2017	822,946.88	1.50	3,367.86	820,241.55	822,946.92
US TREASURY NOTES DTD 07/31/2018 2.625% 07/31/2020	912828Y46	1,100,000.00	AA+	Aaa	3/1/2019	3/6/2019	1,100,472.66	2.59	4,838.94	1,100,111.49	1,108,765.68
US TREASURY NOTES DTD 07/31/2018 2.625% 07/31/2020	912828Y46	1,000,000.00	AA+	Aaa	3/12/2019	3/13/2019	1,001,406.25	2.52	4,399.04	1,000,336.28	1,007,968.80
US TREASURY NOTES DTD 07/31/2018 2.625% 07/31/2020	912828Y46	750,000.00	AA+	Aaa	8/27/2018	8/29/2018	749,765.63	2.64	3,299.28	749,959.61	755,976.60
US TREASURY NOTES DTD 08/31/2015 1.375% 08/31/2020	912828L32	1,425,000.00	AA+	Aaa	1/11/2019	1/14/2019	1,397,780.27	2.58	1,703.80	1,418,046.38	1,431,679.69
US TREASURY NOTES DTD 01/31/2016 1.375% 01/31/2021	912828N89	1,500,000.00	AA+	Aaa	4/4/2019	4/5/2019	1,473,515.63	2.37	3,456.39	1,487,889.45	1,514,765.70
UNITED STATES TREASURY NOTES DTD 01/31/2019 2.500% 01/31/2021	9128285X4	4,500,000.00	AA+	Aaa	1/30/2019	1/31/2019	4,493,320.31	2.58	18,853.02	4,497,212.97	4,585,781.25
US TREASURY NOTES DTD 01/31/2016 1.375% 01/31/2021	912828N89	1,000,000.00	AA+	Aaa	2/7/2019	2/11/2019	978,554.69	2.50	2,304.26	990,915.53	1,009,843.80
US TREASURY N/B NOTES DTD 02/15/2018 2.250% 02/15/2021	9128283X6	2,000,000.00	AA+	Aaa	5/1/2019	5/3/2019	1,998,750.00	2.29	5,686.81	1,999,388.38	2,036,250.00
US TREASURY N/B DTD 02/28/2019 2.500% 02/28/2021	9128286D7	2,500,000.00	AA+	Aaa	3/2/2020	3/4/2020	2,538,085.94	0.95	5,434.78	2,535,131.90	2,552,343.75
US TREASURY NOTES DTD 02/29/2016 1.125% 02/28/2021	912828P87	2,000,000.00	AA+	Aaa	7/1/2019	7/3/2019	1,976,093.75	1.86	1,956.52	1,986,863.40	2,017,187.60

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 05/02/2016 1.375% 04/30/2021	912828Q78	775,000.00	AA+	Aaa	6/27/2019	6/28/2019	769,096.68	1.80	4,479.14	771,538.83	784,687.50
US TREASURY NOTES DTD 05/31/2016 1.375% 05/31/2021	912828R77	1,000,000.00	AA+	Aaa	9/23/2019	9/24/2019	994,062.50	1.73	4,620.90	995,896.85	1,013,593.80
US TREASURY NOTES DTD 05/31/2016 1.375% 05/31/2021	912828R77	500,000.00	AA+	Aaa	12/2/2019	12/4/2019	497,636.72	1.70	2,310.45	498,153.69	506,796.90
UNITED STATES TREASURY NOTES DTD 05/31/2019 2.125% 05/31/2021	9128286V7	1,000,000.00	AA+	Aaa	6/19/2019	6/20/2019	1,004,609.38	1.88	7,141.39	1,002,755.25	1,022,187.50
UNITED STATES TREASURY NOTES DTD 05/31/2019 2.125% 05/31/2021	9128286V7	4,475,000.00	AA+	Aaa	6/3/2019	6/5/2019	4,495,626.95	1.89	31,957.74	4,487,075.03	4,574,289.06
US TREASURY N/B DTD 06/30/2016 1.125% 06/30/2021	912828S27	4,000,000.00	AA+	Aaa	1/21/2020	1/22/2020	3,974,531.25	1.57	11,373.63	3,977,927.08	4,045,000.00
US TREASURY N/B NOTES DTD 08/31/2016 1.125% 08/31/2021	9128282F6	1,000,000.00	AA+	Aaa	9/10/2019	9/11/2019	988,867.19	1.70	978.26	992,006.02	1,011,406.20
US TREASURY NOTES DTD 09/02/2014 2.000% 08/31/2021	912828D72	1,250,000.00	AA+	Aaa	8/2/2019	8/5/2019	1,256,787.11	1.73	2,173.91	1,254,635.31	1,279,296.88
US TREASURY N/B NOTES DTD 08/31/2016 1.125% 08/31/2021	9128282F6	1,400,000.00	AA+	Aaa	9/5/2019	9/6/2019	1,387,750.00	1.57	1,369.57	1,391,264.48	1,415,968.68
US TREASURY NOTES DTD 09/30/2016 1.125% 09/30/2021	912828T34	1,100,000.00	AA+	Aaa	10/11/2019	10/15/2019	1,089,042.97	1.64	33.81	1,091,629.20	1,113,578.18
UNITED STATES TREASURY NOTES DTD 10/31/2019 1.500% 10/31/2021	912828YP9	1,625,000.00	AA+	Aaa	12/11/2019	12/12/2019	1,620,048.83	1.66	10,245.54	1,620,846.48	1,656,484.38
US TREASURY NOTES DTD 10/31/2016 1.250% 10/31/2021	912828T67	2,000,000.00	AA+	Aaa	10/31/2019	11/4/2019	1,988,437.50	1.55	10,508.24	1,990,807.26	2,029,375.00
US TREASURY NOTES DTD 10/31/2016 1.250% 10/31/2021	912828T67	1,500,000.00	AA+	Aaa	10/22/2019	10/23/2019	1,489,453.13	1.60	7,881.18	1,491,750.89	1,522,031.25
UNITED STATES TREASURY NOTES DTD 12/02/2019 1.500% 11/30/2021	912828YT1	1,425,000.00	AA+	Aaa	2/6/2020	2/10/2020	1,425,500.98	1.48	7,183.40	1,425,462.21	1,454,613.21
US TREASURY NOTES DTD 02/02/2015 1.500% 01/31/2022	912828H86	2,000,000.00	AA+	Aaa	2/3/2020	2/5/2020	2,005,390.63	1.36	5,027.47	2,004,974.82	2,043,437.60

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 01/31/2017 1.875% 01/31/2022	912828V72	650,000.00	AA+	Aaa	12/2/2019	12/4/2019	652,996.09	1.66	2,042.41	652,544.21	668,484.38
UNITED STATES TREASURY NOTES DTD 03/02/2020 1.125% 02/28/2022	912828ZA1	2,500,000.00	AA+	Aaa	3/2/2020	3/4/2020	2,515,039.06	0.82	2,445.65	2,514,459.05	2,542,187.50
Security Type Sub-Total		52,580,000.00					52,394,476.80	1.90	195,067.45	52,524,515.09	53,324,272.24
Federal Agency Bond / Note											
FEDERAL HOME LOAN BANKS NOTES DTD 06/07/2019 1.875% 07/07/2021	3130AGLD5	500,000.00	AA+	Aaa	6/6/2019	6/7/2019	499,555.00	1.92	2,187.50	499,729.84	509,041.50
FEDERAL FARM CREDIT BANKS NOTES DTD 03/18/2020 0.530% 01/18/2022	3133ELTN4	1,425,000.00	AA+	Aaa	3/10/2020	3/18/2020	1,423,047.75	0.61	272.73	1,423,088.48	1,426,596.00
FEDERAL HOME LOAN BANK DTD 06/01/2012 2.125% 06/10/2022	313379Q69	635,000.00	AA+	Aaa	6/13/2019	6/14/2019	639,464.05	1.88	4,160.57	638,270.36	657,640.93
Security Type Sub-Total		2,560,000.00					2,562,066.80	1.19	6,620.80	2,561,088.68	2,593,278.43
Commercial Paper											
BNP PARIBAS NY BRANCH COMM PAPER DTD 09/04/2019 0.000% 04/06/2020	09659BD64	1,925,000.00	A-1	P-1	10/11/2019	10/15/2019	1,907,136.00	1.94	0.00	1,924,486.66	1,924,541.85
MUFG BANK LTD/NY COMM PAPER DTD 09/25/2019 0.000% 04/06/2020	62479LD69	1,950,000.00	A-1	P-1	10/9/2019	10/10/2019	1,931,287.04	1.95	0.00	1,949,477.28	1,949,610.00
JP MORGAN SECURITIES LLC COMM PAPER DTD 09/12/2019 0.000% 04/13/2020	46640PDD2	3,200,000.00	A-1	P-1	10/16/2019	10/17/2019	3,169,609.78	1.93	0.00	3,197,962.66	3,198,438.40
ING (US) FUNDING LLC COMM PAPER DTD 10/22/2019 0.000% 04/17/2020	4497W0DH8	1,125,000.00	A-1	P-1	10/22/2019	10/22/2019	1,114,542.50	1.90	0.00	1,124,060.00	1,124,377.88

Security Type/Description  Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
Commercial Paper											
CANADIAN IMPERIAL HOLDING COMM PAPER DTD 11/14/2019 0.000% 05/12/2020	13607EEC9	1,950,000.00	A-1	P-1	11/14/2019	11/15/2019	1,932,159.67	1.86	0.00	1,945,913.66	1,946,934.60
NATIXIS NY BRANCH COMM PAPER DTD 09/18/2019 0.000% 06/12/2020	63873JFC9	1,500,000.00	A-1	P-1	12/17/2019	12/17/2019	1,486,205.00	1.88	0.00	1,494,420.00	1,494,357.00
CREDIT AGRICOLE CIB NY COMM PAPER DTD 01/10/2020 0.000% 07/01/2020	22533TG18	2,125,000.00	A-1	P-1	1/21/2020	1/22/2020	2,108,844.10	1.71	0.00	2,115,868.41	2,115,992.13
Security Type Sub-Total		13,775,000.00					13,649,784.09	1.88	0.00	13,752,188.67	13,754,251.86
Managed Account Sub Total		68,915,000.00					68,606,327.69	1.87	201,688.25	68,837,792.44	69,671,802.53
Securities Sub-Total		\$68,915,000.00					\$68,606,327.69	1.87%	\$201,688.25	\$68,837,792.44	\$69,671,802.53
Accrued Interest											\$201,688.25
Total Investments											\$69,873,490.78

Bolded items are forward settling trades.

#### IMPORTANT DISCLOSURES

This material is based on information obtained from sources generally believed to be reliable and available to the public; however, PFM Asset Management LLC cannot guarantee its accuracy, completeness or suitability. This material is for general information purposes only and is not intended to provide specific advice or a specific recommendation. All statements as to what will or may happen under certain circumstances are based on assumptions, some, but not all of which, are noted in the presentation. Assumptions may or may not be proven correct as actual events occur, and results may depend on events outside of your or our control. Changes in assumptions may have a material effect on results. Past performance does not necessarily reflect and is not a guaranty of future results. The information contained in this presentation is not an offer to purchase or sell any securities.

- Market values that include accrued interest are derived from closing bid prices as of the last business day of the month as supplied by Refinitiv, Bloomberg,
  or Telerate. Where prices are not available from generally recognized sources, the securities are priced using a yield based matrix system to arrive at an estimated
  market value.
- In accordance with generally accepted accounting principles, information is presented on a trade date basis; forward settling purchases are included in the monthly balances, and forward settling sales are excluded.
- Performance is presented in accordance with the CFA Institute's Global Investment Performance Standards (GIPS). Unless otherwise noted, performance is shown
  gross of fees. Quarterly returns are presented on an unannualized basis. Returns for periods greater than one year are presented on an annualized basis. Past
  performance is not indicative of future returns.
- Bank of America/Merrill Lynch Indices provided by Bloomberg Financial Markets.
- Money market fund/cash balances are included in performance and duration computations.
- Standard & Poor's is the source of the credit ratings. Distribution of credit rating is exclusive of money market fund/LGIP holdings.
- Callable securities in the portfolio are included in the maturity distribution analysis to their stated maturity date, although, they may be called prior to maturity.
- MBS maturities are represented by expected average life.

#### **GLOSSARY**

- ACCRUED INTEREST: Interest that is due on a bond or other fixed income security since the last interest payment was made.
- AGENCIES: Federal agency securities and/or Government-sponsored enterprises.
- AMORTIZED COST: The original cost of the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase
  date until the date of the report. Discount or premium with respect to short-term securities (those with less than one year to maturity at time of issuance) is amortized
  on a straight line basis. Such discount or premium with respect to longer-term securities is amortized using the constant yield basis.
- BANKERS' ACCEPTANCE: A draft or bill or exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the
  insurer.
- COMMERCIAL PAPER: An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- CONTRIBUTION TO DURATION: Represents each sector or maturity range's relative contribution to the overall duration of the portfolio measured as a percentage weighting. Since duration is a key measure of interest rate sensitivity, the contribution to duration measures the relative amount or contribution of that sector or maturity range to the total rate sensitivity of the portfolio.
- DURATION TO WORST: A measure of the sensitivity of a security's price to a change in interest rates, stated in years, computed from cash flows to the maturity
  date or to the put date, whichever results in the highest yield to the investor.
- EFFECTIVE DURATION: A measure of the sensitivity of a security's price to a change in interest rates, stated in years.
- EFFECTIVE YIELD: The total yield an investor receives in relation to the nominal yield or coupon of a bond. Effective yield takes into account the power of compounding on investment returns, while nominal yield does not.
- FDIC: Federal Deposit Insurance Corporation. A federal agency that insures bank deposits to a specified amount.
- INTEREST RATE: Interest per year divided by principal amount and expressed as a percentage.
- MARKET VALUE: The value that would be received or paid for an investment in an orderly transaction between market participants at the measurement date.
- MATURITY: The date upon which the principal or stated value of an investment becomes due and payable.
- NEGOTIABLE CERTIFICATES OF DEPOSIT: A CD with a very large denomination, usually \$1 million or more, that can be traded in secondary markets.
- PAR VALUE: The nominal dollar face amount of a security.

#### **GLOSSARY**

- PASS THROUGH SECURITY: A security representing pooled debt obligations that passes income from debtors to its shareholders. The most common type is the
  mortgage-backed security.
- REPURCHASE AGREEMENTS: A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date.
- SETTLE DATE: The date on which the transaction is settled and monies/securities are exchanged. If the settle date of the transaction (i.e., coupon payments and maturity proceeds) occurs on a non-business day, the funds are exchanged on the next business day.
- TRADE DATE: The date on which the transaction occurred; however, the final consummation of the security transaction and payment has not yet taken place.
- UNSETTLED TRADE: A trade which has been executed; however, the final consummation of the security transaction and payment has not yet taken place.
- U.S. TREASURY: The department of the U.S. government that issues Treasury securities.
- YIELD: The rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.
- YTM AT COST: The yield to maturity at cost is the expected rate of return based on the original cost, the annual interest receipts, maturity value, and the time period from purchase date to maturity, stated as a percentage on an annualized basis.
- YTM AT MARKET: The yield to maturity at market is the rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.