



FALLBROOK PUBLIC UTILITY DISTRICT  
MEETING OF THE FISCAL POLICY AND INSURANCE COMMITTEE

AGENDA

WEDNESDAY, JANUARY 22, 2020  
3:30 P.M.

FALLBROOK PUBLIC UTILITY DISTRICT  
990 E. MISSION RD., FALLBROOK, CA 92028  
PHONE: (760) 728-1125

*If you have a disability and need an accommodation to participate in the meeting, please call the Secretary at (760) 999-2704 for assistance.*

*Writings that are public records and are distributed during a public meeting are available for public inspection at the meeting if prepared by the local agency or a member of its legislative body or after the meeting if prepared by some other person.*

**I. PRELIMINARY FUNCTIONS**

CALL TO ORDER / ROLL CALL

PUBLIC COMMENT

**II. ACTION / DISCUSSION ----- (ITEMS A – B)**

A. MID-YEAR BUDGET UPDATE (SUPPLEMENTAL MATERIALS)

B. QUARTERLY REVIEW OF INVESTMENT PORTFOLIO

**III. ADJOURNMENT OF MEETING**

\* \* \* \* \*

**DECLARATION OF POSTING**

I, Lauren Eckert, Executive Assistant/Board Secretary of the Fallbrook Public Utility District, do hereby declare that I posted a copy of the foregoing agenda in the glass case at the entrance of the District Office located at 990 East Mission Road, Fallbrook, California, at least 72 hours prior to the meeting in accordance with Government Code § 54954.2.

I, Lauren Eckert, further declare under penalty of perjury and under the laws of the State of California that the foregoing is true and correct.

January 16, 2020  
Dated / Fallbrook, CA

/s/ Lauren Eckert  
Executive Assistant/Board Secretary

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# Fallbrook Public Utility District

## **Investment Performance Review For the Quarter Ended December 31, 2019**

Client Management Team

Sarah Meacham, Managing Director  
Richard Babbe, CCM, Senior Managing Consultant

PFM Asset Management LLC

601 South Figueroa, Suite 4500  
Los Angeles, CA 90017  
213-489-4075

213 Market Street  
Harrisburg, PA 17101-2141  
717-232-2723

## Key Themes

### Economic Conditions:

- The U.S. economy was characterized by a strong labor market, range-bound inflation, and stable growth coupled with high consumer confidence and increasing wealth. December marked the 127th month of domestic economic expansion.
- Following the Fed's fine-tuning "rate adjustment" cuts in July, September and October, the market now expects a pause for much of 2020. A stable but still accommodative FOMC along with easing trade tensions helped un-invert the U.S. Treasury yield curve and further catapult equity markets.
- The U.S. Treasury curve notably changed course around the 3-year mark in Q4. Shorter-term yields declined up to 0.40% as ultra-short rates reset after the three Fed rate cuts. On the other hand, longer-term yields rose by as much as 0.30% on renewed optimism regarding growth and trade.
- While recession risks decreased on the fourth quarter, economic growth is expected to have slowed entering the new year.

### Strategy Considerations:

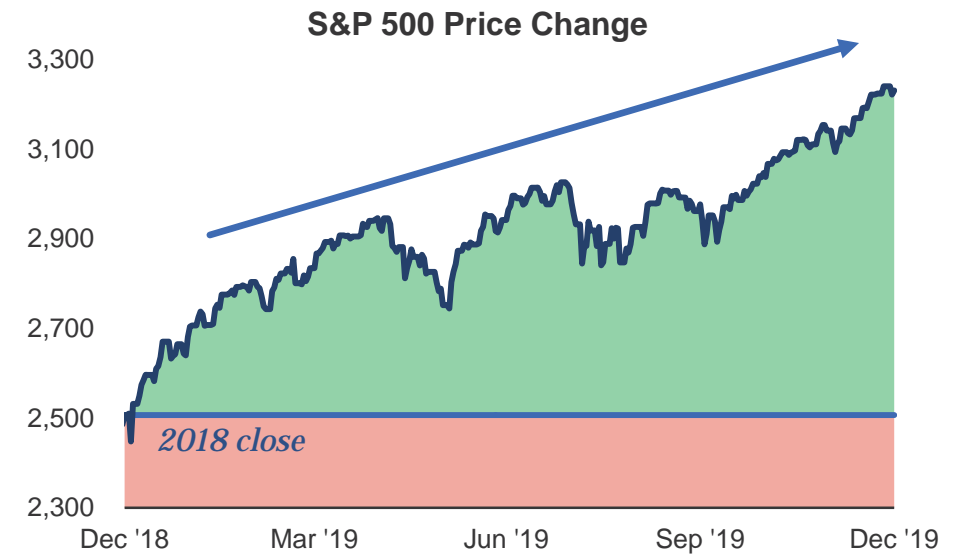
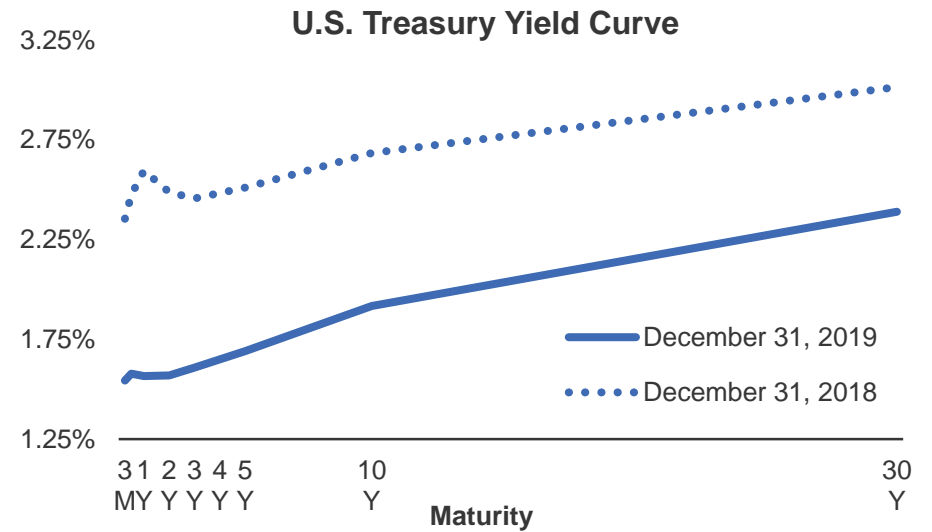
- Following three consecutive Fed rate cuts, we continued to maintain portfolio durations in line with benchmarks for the quarter as market expectations called for stable rates well into 2020.
- We endeavored to maintain broad diversification across all permitted fixed income sectors. Although most sector spread levels were on the tighter end of their recent trading history, the incremental income was generally additive to performance in a range-bound interest rate environment in Q4.
- However, investment activity was limited at the end of the quarter, as we worked closely with staff to provide needed liquidity while minimizing any losses (on a net bases, the security sales generated over \$50,000 in realized gains).
- The portfolio continued to perform well relative to its benchmark.

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# Market Update

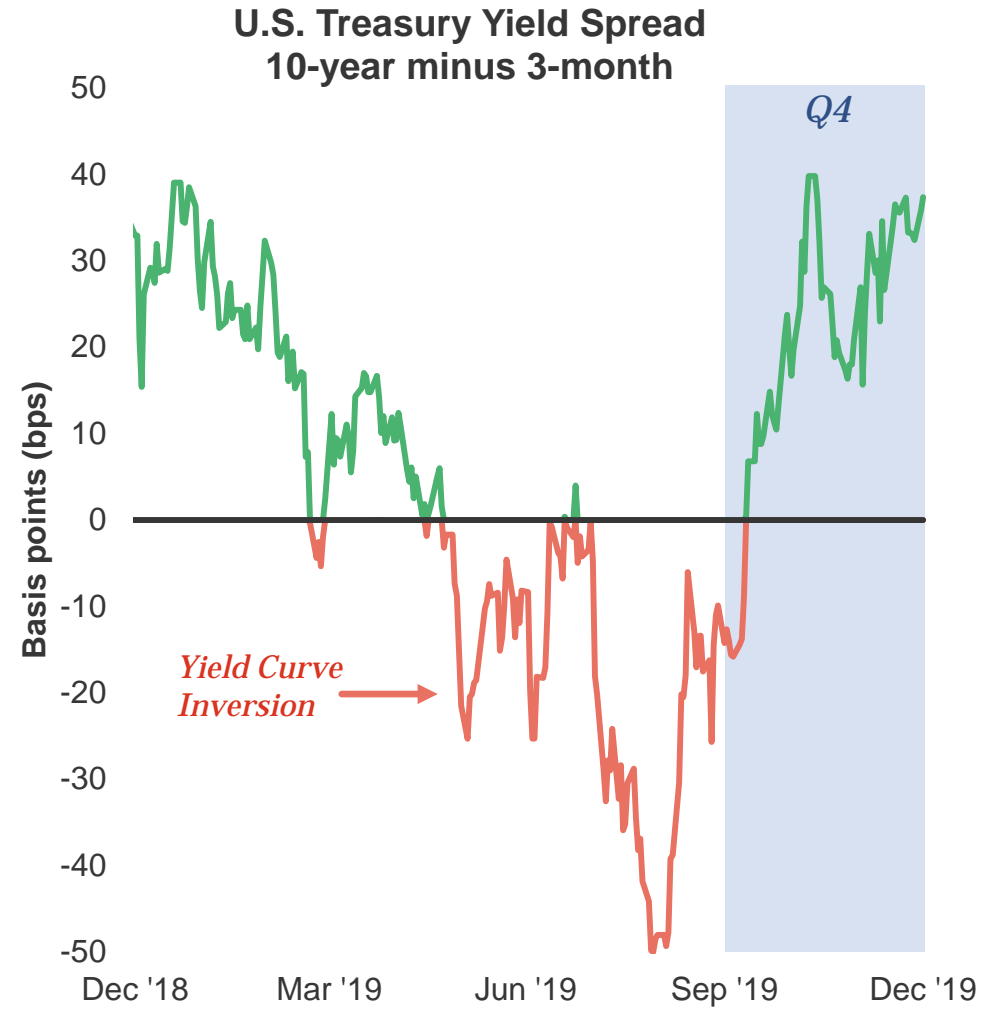
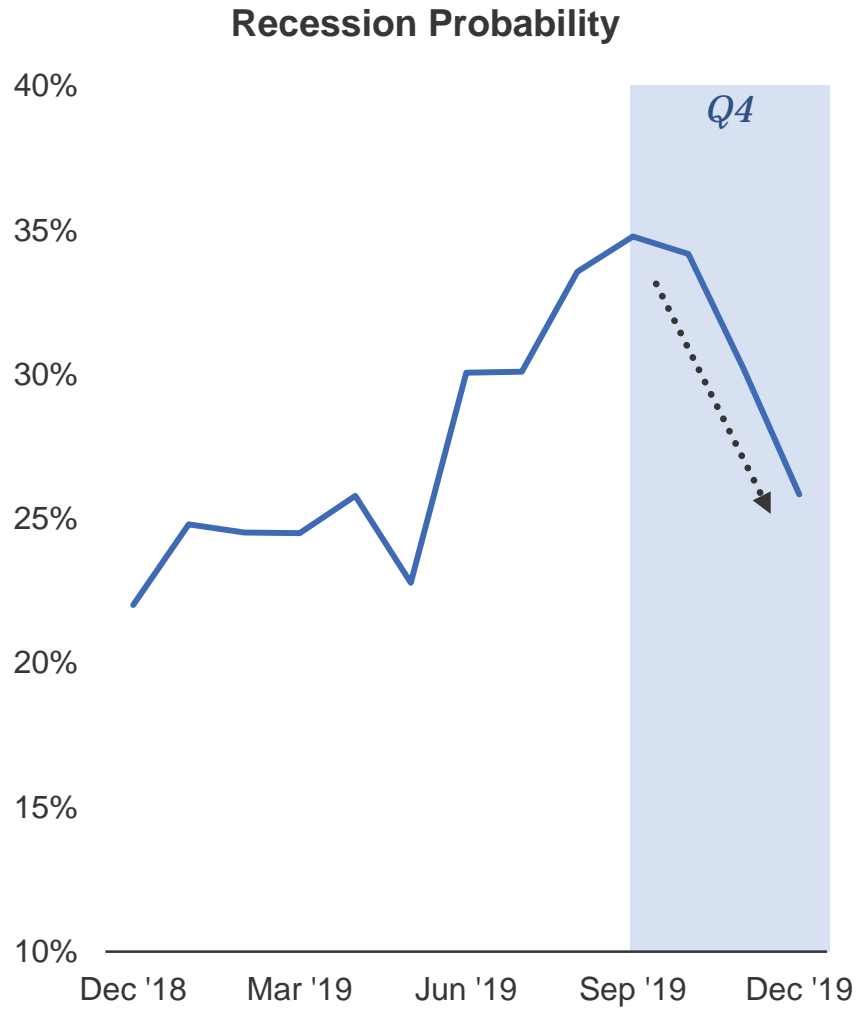
### Major Moves in 2019

Federal Funds Target Range			
Year	Starting Range	Ending Range	# of Hikes/Cuts
2015	0.00%-0.25%	0.25%-0.50%	1 hike
2016	0.25%-0.50%	0.50%-0.75%	1 hike
2017	0.50%-0.75%	1.25%-1.50%	3 hikes
2018	1.25%-1.50%	2.25%-2.50%	4 hikes
<b>2019</b>	<b>2.25%-2.50%</b>	<b>1.50%-1.75%</b>	<b>3 cuts</b>



Source: Bloomberg, as of December 31, 2019.

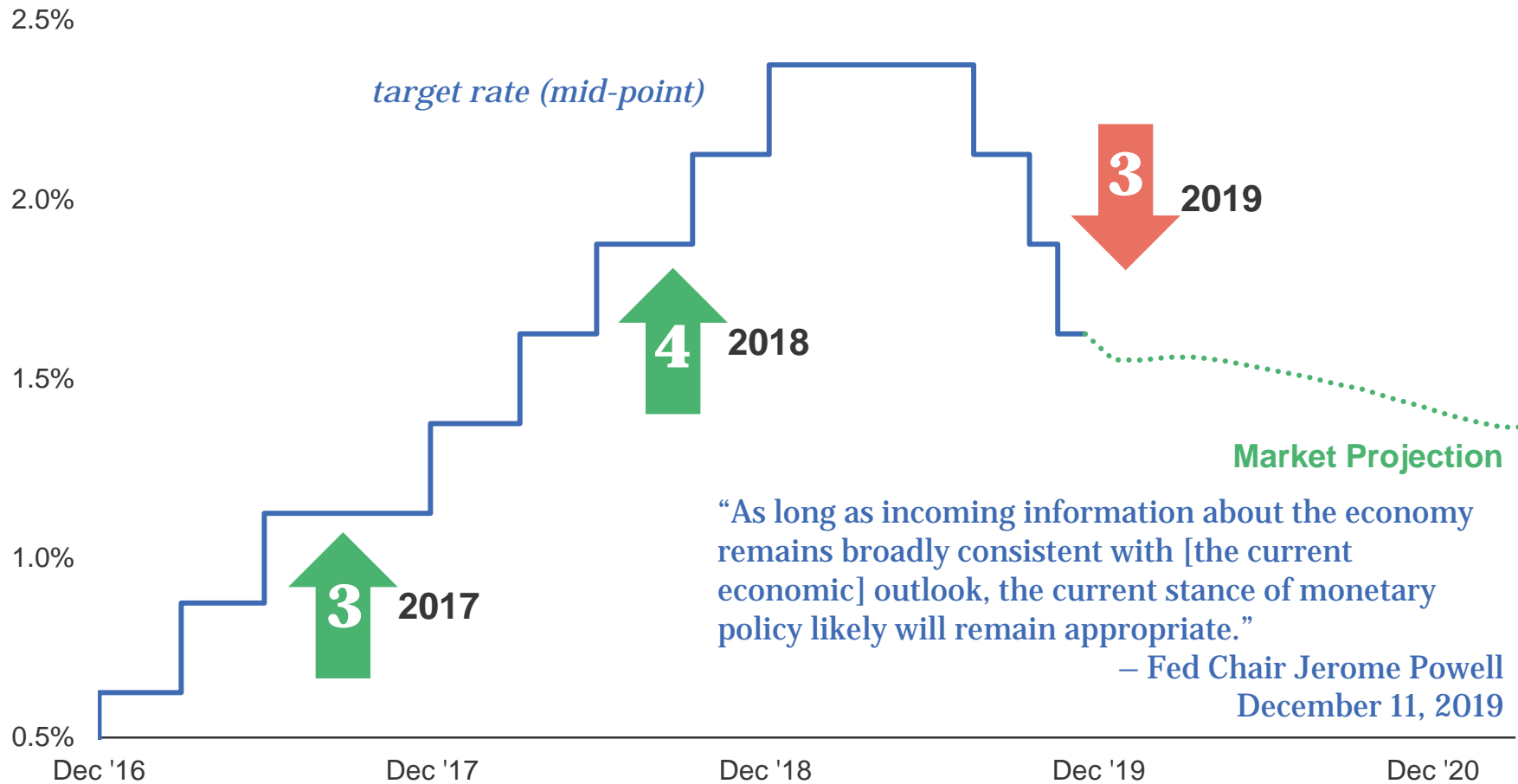
### Recession Fears Subsided and Yield Curve Un-Inverted in Fourth Quarter



Source: Data as of December 31, 2019. Wall Street Journal Economic Forecasting Survey (left); Bloomberg (right).

The Fed Signals It Is Likely on Hold for an Extended Period of Time

Federal Reserve Target Overnight Rate



“As long as incoming information about the economy remains broadly consistent with [the current economic] outlook, the current stance of monetary policy likely will remain appropriate.”

– Fed Chair Jerome Powell  
December 11, 2019

Source: Bloomberg. Market Projection as of December 31, 2019.



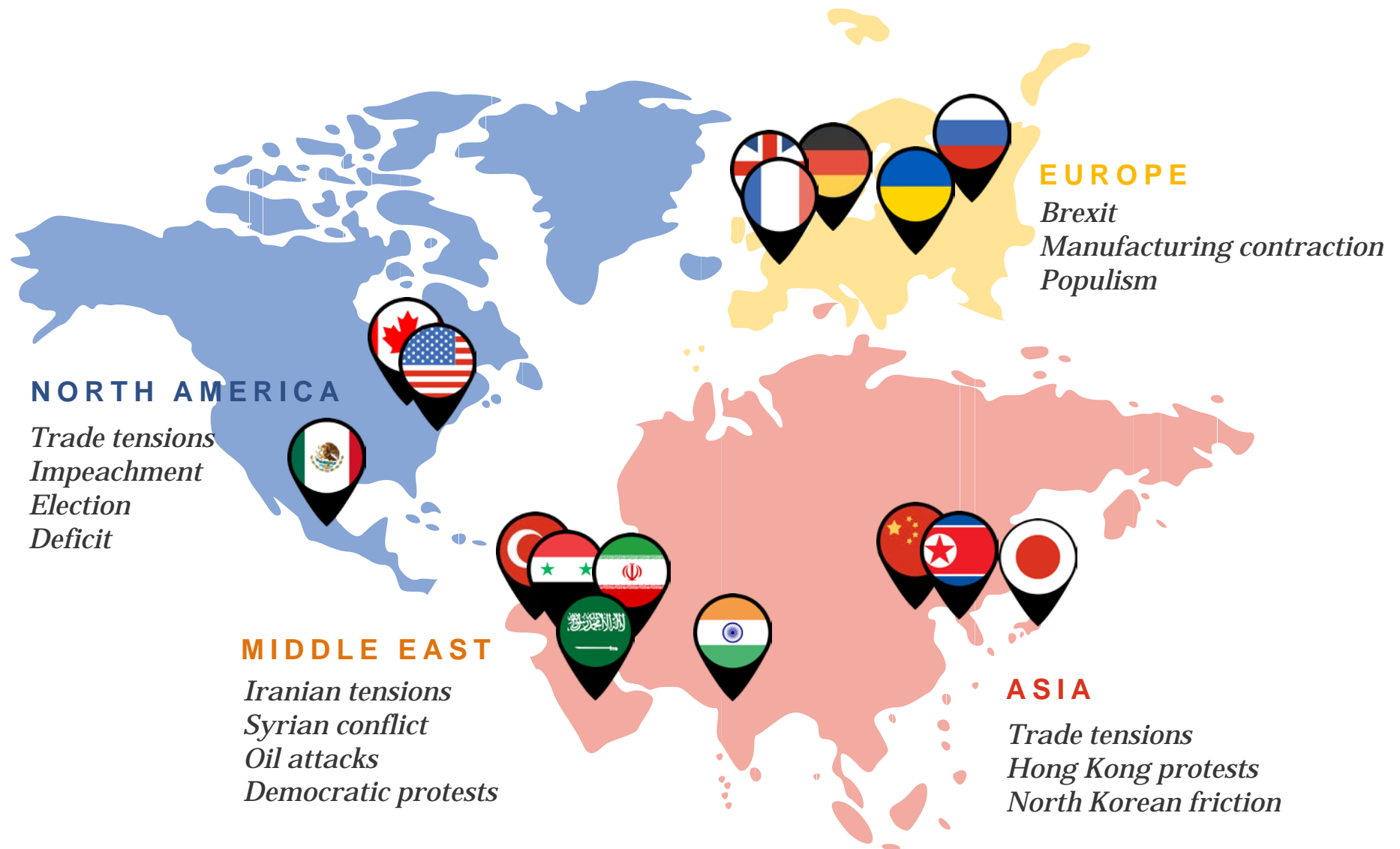
### Treasury Yields Have Settled into a New, Lower Range

#### 3-Year Treasury



Source: Bloomberg, as of December 31, 2019.

### Trade Is Among Many Global Concerns



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# Investment Strategy & Portfolio Review

## Sector Allocation & Compliance

- The portfolio is in compliance with the District's Investment Policy and the California Government Code.

Security Type	Market Value as of 12/21/19	% of Portfolio	% Change vs. 9/30/19	Permitted by Policy	In Compliance
U.S. Treasury	\$5,699,571	52.6%	-2.8%	100%	✓
Federal Agency	\$0	0%	-4.9%	100%	✓
Agency CMOs	\$112,318	1.0%	0.3%	100%	✓
Supranationals	\$0	0%	-0.9%	30%	✓
Municipal Obligations	\$172,203	1.6%	0.4%	25%	✓
Asset-Backed Securities	\$958,087	8.8%	3.1%	20%	✓
Negotiable CDs	\$280,765	2.6%	-1.0%	30%	✓
Corporate Notes	\$3,557,461	32.9%	5.7%	30%	✓
<b>Securities Sub-Total</b>	<b>\$10,780,405</b>	<b>99.6%</b>			
Accrued Interest	\$53,517				
<b>Securities Total</b>	<b>\$10,833,922</b>				
Money Market Fund	\$47,176	0.4%	0.2%	20%	✓
<b>Total Investments</b>	<b>\$10,881,098</b>	<b>100.0%</b>			

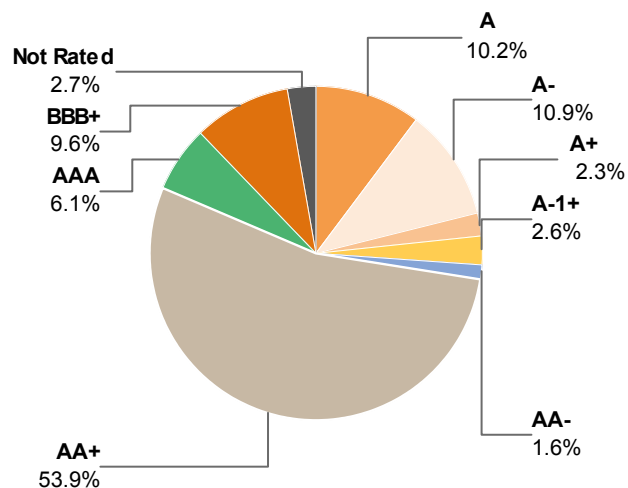
Market values, excluding accrued interest. Detail may not add to total due to rounding.

**Portfolio Statistics**

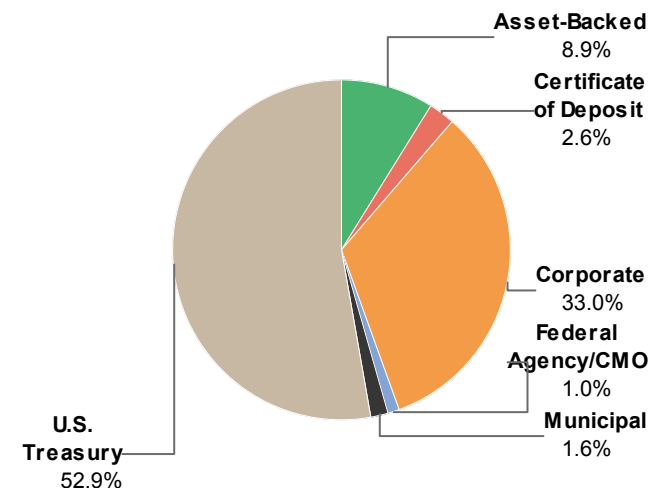
As of December 31, 2019

<b>Par Value:</b>	\$10,656,639
<b>Total Market Value:</b>	\$10,881,098
<b>Security Market Value:</b>	\$10,780,405
<b>Accrued Interest:</b>	\$53,517
<b>Cash:</b>	\$47,176
<b>Amortized Cost:</b>	\$10,667,275
<b>Yield at Market:</b>	1.79%
<b>Yield at Cost:</b>	2.22%
<b>Effective Duration:</b>	2.54 Years
<b>Duration to Worst:</b>	2.53 Years
<b>Average Maturity:</b>	2.84 Years
<b>Average Credit: *</b>	AA

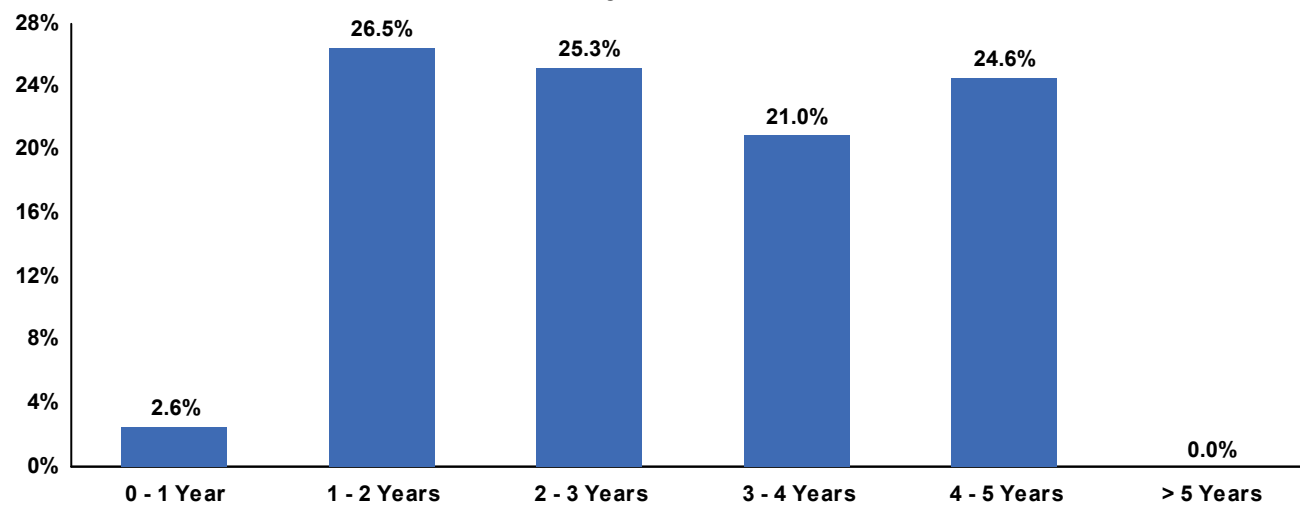
**Credit Quality (S&P Ratings)\*\***



**Sector Allocation**



**Maturity Distribution**

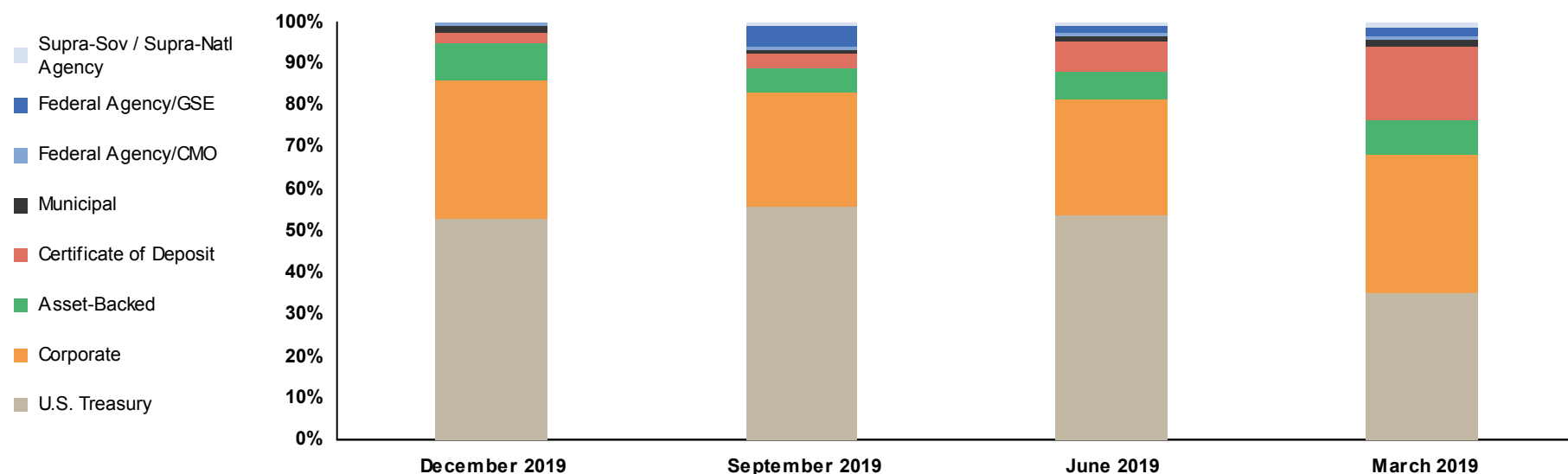


\* An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.

\*\*Securities held in the District's Portfolio are in compliance with the rating requirements of the California Government Code and the District's Investment Policy.

### Sector Allocation

Sector	December 31, 2019		September 30, 2019		June 30, 2019		March 31, 2019	
	MV (\$MM)	% of Total	MV (\$MM)	% of Total	MV (\$MM)	% of Total	MV (\$MM)	% of Total
U.S. Treasury	5.7	52.9%	8.3	55.6%	7.9	53.7%	4.0	35.1%
Corporate	3.6	33.0%	4.1	27.2%	4.1	27.7%	3.8	33.2%
Asset-Backed	1.0	8.9%	0.9	5.8%	0.9	6.4%	0.9	8.1%
Certificate of Deposit	0.3	2.6%	0.5	3.6%	1.1	7.5%	2.0	17.7%
Municipal	0.2	1.6%	0.2	1.2%	0.2	1.2%	0.2	1.5%
Federal Agency/CMO	0.1	1.0%	0.1	0.8%	0.1	0.8%	0.1	1.0%
Federal Agency/GSE	0.0	0.0%	0.7	4.9%	0.3	1.7%	0.3	2.2%
Supra-Sov / Supra-Natl Agency	0.0	0.0%	0.1	0.9%	0.1	1.0%	0.1	1.2%
<b>Total</b>	<b>\$10.8</b>	<b>100.0%</b>	<b>\$14.9</b>	<b>100.0%</b>	<b>\$14.7</b>	<b>100.0%</b>	<b>\$11.4</b>	<b>100.0%</b>

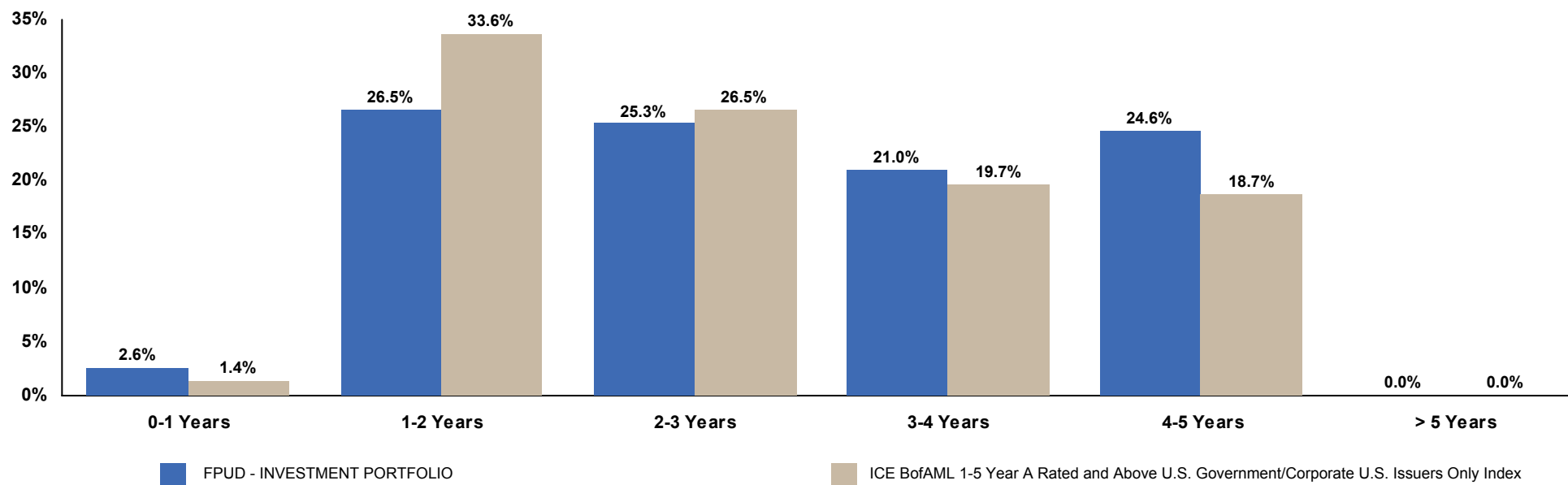


Detail may not add to total due to rounding.

**Maturity Distribution**

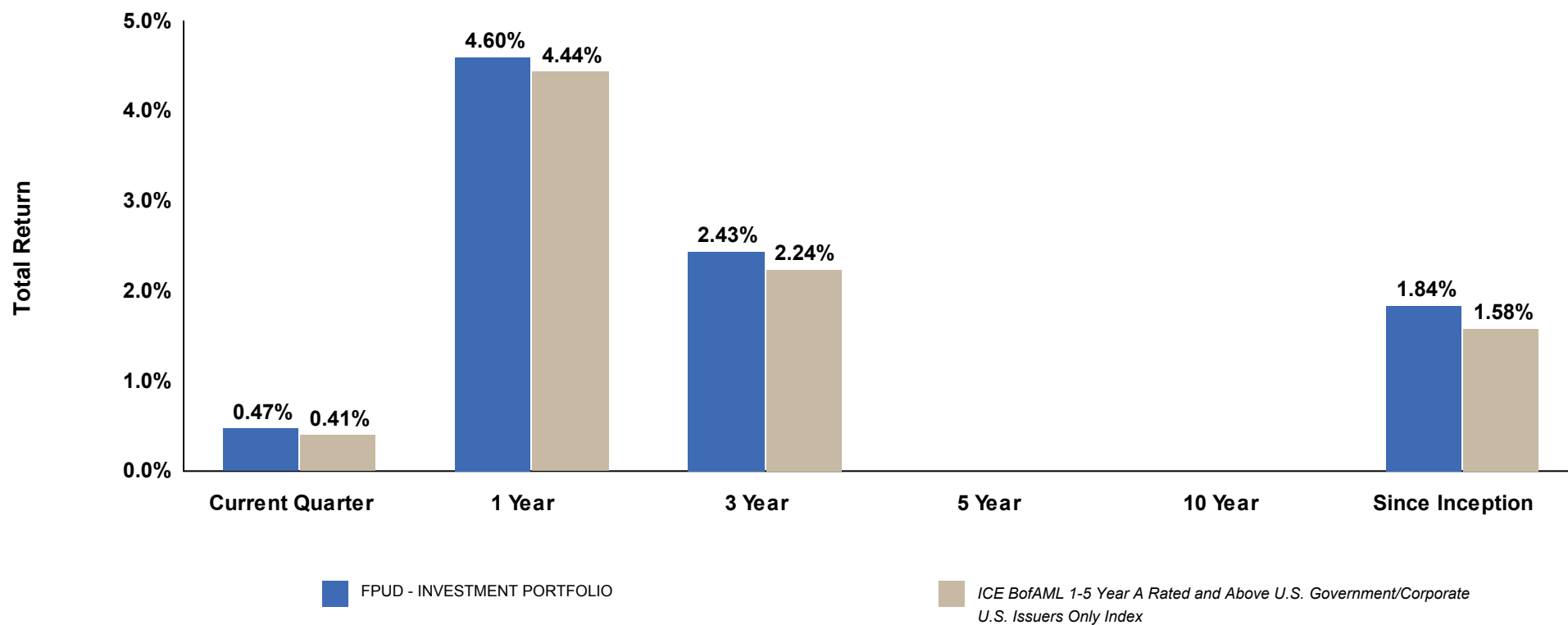
**As of December 31, 2019**

Portfolio/Benchmark	Yield at Market	Average Maturity	0-1 Years	1-2 Years	2-3 Years	3-4 Years	4-5 Years	>5 Years
FPUD - INVESTMENT PORTFOLIO	1.79%	2.84 yrs	2.6%	26.5%	25.3%	21.0%	24.6%	0.0%
ICE BofAML 1-5 Year A Rated and Above U.S. Government/Corporate U.S. Issuers Only Index	1.67%	2.73 yrs	1.4%	33.6%	26.5%	19.7%	18.7%	0.0%



Portfolio Performance (Total Return)

Portfolio/Benchmark	Effective Duration	Current Quarter	Annualized Return				Since Inception (06/30/16) **
			1 Year	3 Year	5 Year	10 Year	
FPUD - INVESTMENT PORTFOLIO	2.54	0.47%	4.60%	2.43%	-	-	1.84%
ICE BofAML 1-5 Year A Rated and Above U.S. Government/Corporate U.S. Issuers Only Index	2.53	0.41%	4.44%	2.24%	-	-	1.58%
Difference		0.06%	0.16%	0.19%	-	-	0.26%



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



**Portfolio Earnings**  
*Quarter-Ended December 31, 2019*

	<b>Market Value Basis</b>	<b>Accrual (Amortized Cost) Basis</b>
<b>Beginning Value (09/30/2019)</b>	\$14,878,144.69	\$14,701,669.73
<b>Net Purchases/Sales</b>	(\$4,088,559.57)	(\$4,088,559.57)
<b>Change in Value</b>	(\$9,179.75)	\$54,164.56
<b>Ending Value (12/31/2019)</b>	\$10,780,405.37	\$10,667,274.72
<b>Interest Earned</b>	\$76,358.72	\$76,358.72
<b>Portfolio Earnings</b>	\$67,178.97	\$130,523.28

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## Issuer Distribution

**Issuer Distribution**  
**As of December 31, 2019**

Issuer	Market Value (\$)	% of Portfolio
UNITED STATES TREASURY	5,699,571	52.9%
BB&T CORPORATION	555,843	5.2%
MORGAN STANLEY	482,857	4.5%
THE BANK OF NEW YORK MELLON CORPORATION	363,092	3.4%
GOLDMAN SACHS GROUP INC	292,531	2.7%
CAPITAL ONE FINANCIAL CORP	284,125	2.6%
SWEDBANK AB	280,765	2.6%
BANK OF AMERICA CO	229,773	2.1%
HONDA AUTO RECEIVABLES	177,923	1.7%
CALIFORNIA ST	172,203	1.6%
CITIGROUP INC	155,529	1.4%
CHARLES SCHWAB	153,001	1.4%
US BANCORP	147,018	1.4%
THE WALT DISNEY CORPORATION	143,900	1.3%
ABBOTT LABORATORIES	141,937	1.3%
IBM CORP	141,281	1.3%
DISCOVER FINANCIAL SERVICES	119,850	1.1%
FREDDIE MAC	112,318	1.0%

Top 5 = 68.6%

Top 10 = 79.2%

Issuer	Market Value (\$)	% of Portfolio
UNITED PARCEL SERVICE INC	110,295	1.0%
AMERICAN EXPRESS CO	104,611	1.0%
WASTE MANAGEMENT INC	103,240	1.0%
UNITEDHEALTH GROUP INC	102,732	1.0%
PNC FINANCIAL SERVICES GROUP	100,372	0.9%
CATERPILLAR INC	98,239	0.9%
JOHN DEERE OWNER TRUST	77,877	0.7%
NISSAN AUTO RECEIVABLES	73,988	0.7%
NATIONAL RURAL UTILITIES CO FINANCE CORP	60,675	0.6%
MERCEDES-BENZ AUTO LEASE TRUST	60,014	0.6%
GM FINANCIAL SECURITIZED TERM	50,230	0.5%
BOEING COMPANY	45,255	0.4%
ALLY AUTO RECEIVABLES TRUST	44,659	0.4%
CAPITAL ONE PRIME AUTO REC TRUST	40,358	0.4%
AMERICAN HONDA FINANCE	25,280	0.2%
FORD CREDIT AUTO OWNER TRUST	21,012	0.2%
HYUNDAI AUTO RECEIVABLES	8,050	0.1%
<b>Grand Total:</b>	<b>10,780,405</b>	<b>100.0%</b>

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# Portfolio Transactions

## Quarterly Portfolio Transactions

Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
INTEREST	10/1/19	10/1/19	170,000.00	13063DGA0	CA ST TXBL GO BONDS	2.80%	4/1/21	2,380.00		
INTEREST	10/1/19	10/1/19	110,000.00	911312BP0	UNITED PARCEL SERVICE CORPORATE BOND	2.05%	4/1/21	1,127.50		
INTEREST	10/1/19	10/1/19	0.00	MONEY0002	MONEY MARKET FUND			289.24		
INTEREST	10/1/19	10/1/19	300,000.00	05531FAX1	BB&T CORP (CALLABLE) NOTES	2.75%	4/1/22	4,125.00		
INTEREST	10/1/19	10/1/19	90,000.00	06051GGS2	BANK OF AMERICA CORP (CALLABLE)	2.32%	10/1/21	1,047.60		
INTEREST	10/1/19	10/25/19	110,000.00	3137BM6P6	FHLMC SERIES K721 A2	3.09%	8/25/22	283.25		
INTEREST	10/10/19	10/10/19	90,000.00	02665WCQ2	AMERICAN HONDA FINANCE CORP NOTES	3.62%	10/10/23	1,631.25		
INTEREST	10/15/19	10/15/19	124,858.34	43814UAC3	HAROT 2018-1 A3	2.64%	2/15/22	274.69		
INTEREST	10/15/19	10/15/19	285,000.00	14041NFU0	COMET 2019-A2 A2	1.72%	8/15/24	544.67		
INTEREST	10/15/19	10/15/19	120,000.00	9128286M7	UNITED STATES TREASURY NOTES	2.25%	4/15/22	1,350.00		
INTEREST	10/15/19	10/15/19	35,000.00	47788CAC6	JDOT 2018-A A3	2.66%	4/15/22	77.58		
INTEREST	10/15/19	10/15/19	9,274.29	47787XAC1	JOHN DEERE ABS 2017-A A3	1.78%	4/15/21	13.76		
INTEREST	10/15/19	10/15/19	35,347.15	34531EAD8	FORD ABS 2017-A A3	1.67%	6/15/21	49.19		
INTEREST	10/15/19	10/15/19	30,000.00	477870AC3	JOHN DEERE OWNER TRUST	2.21%	12/15/23	55.25		
INTEREST	10/15/19	10/15/19	61,653.13	02007FAC9	ALLY ABS 2017-4 A3	1.75%	12/15/21	89.91		
INTEREST	10/15/19	10/15/19	40,000.00	14042WAC4	COPAR 2019-1 A3	2.51%	11/15/23	83.67		
INTEREST	10/15/19	10/15/19	75,000.00	65478DAD9	NAROT 2018-A A3	2.65%	5/15/22	165.63		
INTEREST	10/15/19	10/15/19	1,486.99	89237WAD9	TOYOTA ABS 2016-C A3	1.14%	8/15/20	1.41		
INTEREST	10/15/19	10/15/19	18,911.07	44891EAC3	HYUNDAI ABS 2016-B A3	1.29%	4/15/21	20.33		
INTEREST	10/15/19	10/15/19	19,617.50	47788BAD6	JOHN DEERE ABS 2017-B A3	1.82%	10/15/21	29.75		

Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
PAYDOWNS	10/15/19	10/15/19	7,946.05	43814UAC3	HAROT 2018-1 A3	2.64%	2/15/22	7,946.05		0.00
PAYDOWNS	10/15/19	10/15/19	1,484.38	89237WAD9	TOYOTA ABS 2016-C A3	1.14%	8/15/20	1,484.38		0.00
PAYDOWNS	10/15/19	10/15/19	4,883.63	34531EAD8	FORD ABS 2017-A A3	1.67%	6/15/21	4,883.63		0.00
PAYDOWNS	10/15/19	10/15/19	3,586.67	44891EAC3	HYUNDAI ABS 2016-B A3	1.29%	4/15/21	3,586.67		0.00
PAYDOWNS	10/15/19	10/15/19	1,925.78	47787XAC1	JOHN DEERE ABS 2017-A A3	1.78%	4/15/21	1,925.78		0.00
PAYDOWNS	10/15/19	10/15/19	1,875.38	47788BAD6	JOHN DEERE ABS 2017-B A3	1.82%	10/15/21	1,875.38		0.00
PAYDOWNS	10/15/19	10/15/19	5,877.03	02007FAC9	ALLY ABS 2017-4 A3	1.75%	12/15/21	5,877.03		0.00
INTEREST	10/16/19	10/16/19	50,000.00	36257PAD0	GM FINANCIAL SECURITIZED TERM	2.18%	4/16/24	90.83		
INTEREST	10/21/19	10/21/19	75,000.00	43815MAC0	HAROT 2019-2 A3	2.52%	6/21/23	157.50		
INTEREST	10/21/19	10/21/19	100,000.00	61746BEA0	MORGAN STANLEY CORP NOTES	2.50%	4/21/21	1,250.00		
BUY	10/24/19	10/31/19	120,000.00	254683CM5	DCENT 2019-A3 A	1.89%	10/15/24	(119,974.22)	1.90%	
SELL	10/24/19	10/31/19	10,000.00	3130ACE26	FHLB NOTES	1.37%	9/28/20	9,980.70	1.73%	(22.20)
SELL	10/24/19	10/31/19	40,000.00	3130ACE26	FHLB NOTES	1.37%	9/28/20	39,922.82	1.73%	(39.78)
INTEREST	10/25/19	10/25/19	290,000.00	38141GVU5	GOLDMAN SACHS GRP INC CORP NT (CALLABLE)	2.62%	4/25/21	3,806.25		
INTEREST	10/29/19	10/29/19	150,000.00	61746BDQ6	MORGAN STANLEY CORP NOTES	3.87%	4/29/24	2,906.25		
INTEREST	10/31/19	10/31/19	800,000.00	912828T91	US TREASURY NOTES	1.62%	10/31/23	6,500.00		
INTEREST	10/31/19	10/31/19	235,000.00	912828L99	US TREASURY NOTES	1.37%	10/31/20	1,615.63		
INTEREST	10/31/19	10/31/19	190,000.00	912828T67	US TREASURY NOTES	1.25%	10/31/21	1,187.50		
INTEREST	10/31/19	10/31/19	115,000.00	912828X70	US TREASURY N/B NOTES	2.00%	4/30/24	1,150.00		
INTEREST	10/31/19	10/31/19	245,000.00	912828T67	US TREASURY NOTES	1.25%	10/31/21	1,531.25		
BUY	10/31/19	11/4/19	255,000.00	9128285L0	UNITED STATES TREASURY NOTES	2.87%	11/15/21	(265,100.39)	1.56%	
BUY	10/31/19	11/4/19	400,000.00	9128282Y5	US TREASURY NOTES	2.12%	9/30/24	(411,390.97)	1.56%	

Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
SELL	10/31/19	11/4/19	205,000.00	3130ACE26	FHLB NOTES	1.37%	9/28/20	204,802.18	1.64%	(33.72)
SELL	10/31/19	11/4/19	400,000.00	912828T91	US TREASURY NOTES	1.62%	10/31/23	401,383.93	1.54%	11,261.25
SELL	10/31/19	11/4/19	55,000.00	912828XE5	US TREASURY NOTES	1.50%	5/31/20	55,321.66	1.60%	(169.87)
INTEREST	11/1/19	11/1/19	0.00	MONEY0002	MONEY MARKET FUND			91.07		
INTEREST	11/1/19	11/25/19	110,000.00	3137BM6P6	FHLMC SERIES K721 A2	3.09%	8/25/22	283.25		
BUY	11/5/19	11/8/19	100,000.00	693475AY1	PNC BANK NA CORP NOTES	2.20%	11/1/24	(100,009.78)	2.21%	
SELL	11/5/19	11/8/19	100,000.00	912828Q29	US TREASURY NOTES	1.50%	3/31/23	99,663.75	1.65%	1,988.80
BUY	11/8/19	11/12/19	155,000.00	9128285L0	UNITED STATES TREASURY NOTES	2.87%	11/15/21	(160,824.61)	1.68%	
SELL	11/8/19	11/12/19	160,000.00	96121T4A3	WESTPAC BANKING CORP NY CD	2.05%	8/3/20	161,041.56	1.81%	176.00
INTEREST	11/10/19	11/10/19	250,000.00	05531FAV5	BRANCH BANKING & TRUST (CALLABLE) NOTE	2.05%	5/10/21	2,562.50		
INTEREST	11/13/19	11/13/19	40,000.00	69371RN85	PACCAR FINANCIAL CORP NOTES	2.05%	11/13/20	410.00		
BUY	11/13/19	11/20/19	60,000.00	58769QAC5	MERCEDES-BENZ AUTO LEASE TRUST	2.00%	10/17/22	(59,990.46)	2.01%	
SELL	11/14/19	11/18/19	40,000.00	69371RN85	PACCAR FINANCIAL CORP NOTES	2.05%	11/13/20	40,061.79	1.92%	51.61
INTEREST	11/15/19	11/15/19	30,000.00	477870AC3	JOHN DEERE OWNER TRUST	2.21%	12/15/23	55.25		
INTEREST	11/15/19	11/15/19	255,000.00	9128285L0	UNITED STATES TREASURY NOTES	2.87%	11/15/21	3,665.63		
INTEREST	11/15/19	11/15/19	30,463.52	34531EAD8	FORD ABS 2017-A A3	1.67%	6/15/21	42.40		
INTEREST	11/15/19	11/15/19	35,000.00	47788CAC6	JDOT 2018-A A3	2.66%	4/15/22	77.58		
INTEREST	11/15/19	11/15/19	285,000.00	14041NFU0	COMET 2019-A2 A2	1.72%	8/15/24	408.50		
INTEREST	11/15/19	11/15/19	17,742.12	47788BAD6	JOHN DEERE ABS 2017-B A3	1.82%	10/15/21	26.91		
INTEREST	11/15/19	11/15/19	100,000.00	9128284P2	US TREASURY NOTES	2.62%	5/15/21	1,312.50		
INTEREST	11/15/19	11/15/19	120,000.00	254683CM5	DCENT 2019-A3 A	1.89%	10/15/24	94.50		
INTEREST	11/15/19	11/15/19	55,776.10	02007FAC9	ALLY ABS 2017-4 A3	1.75%	12/15/21	81.34		



Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
INTEREST	11/15/19	11/15/19	40,000.00	14042WAC4	COPAR 2019-1 A3	2.51%	11/15/23	83.67		
INTEREST	11/15/19	11/15/19	155,000.00	9128285L0	UNITED STATES TREASURY NOTES	2.87%	11/15/21	2,228.13		
INTEREST	11/15/19	11/15/19	7,348.51	47787XAC1	JOHN DEERE ABS 2017-A A3	1.78%	4/15/21	10.90		
INTEREST	11/15/19	11/15/19	15,324.40	44891EAC3	HYUNDAI ABS 2016-B A3	1.29%	4/15/21	16.47		
INTEREST	11/15/19	11/15/19	75,000.00	65478DAD9	NAROT 2018-A A3	2.65%	5/15/22	165.63		
INTEREST	11/15/19	11/15/19	116,912.29	43814UAC3	HAROT 2018-1 A3	2.64%	2/15/22	257.21		
PAYDOWNS	11/15/19	11/15/19	5,026.29	34531EAD8	FORD ABS 2017-A A3	1.67%	6/15/21	5,026.29		0.00
PAYDOWNS	11/15/19	11/15/19	5,833.78	02007FAC9	ALLY ABS 2017-4 A3	1.75%	12/15/21	5,833.78		0.00
PAYDOWNS	11/15/19	11/15/19	3,597.36	47788CAC6	JDOT 2018-A A3	2.66%	4/15/22	3,597.36		0.00
PAYDOWNS	11/15/19	11/15/19	2.61	89237WAD9	TOYOTA ABS 2016-C A3	1.14%	8/15/20	2.61		0.00
PAYDOWNS	11/15/19	11/15/19	3,723.65	44891EAC3	HYUNDAI ABS 2016-B A3	1.29%	4/15/21	3,723.65		0.00
PAYDOWNS	11/15/19	11/15/19	2,083.39	47788BAD6	JOHN DEERE ABS 2017-B A3	1.82%	10/15/21	2,083.39		0.00
PAYDOWNS	11/15/19	11/15/19	1,989.75	47787XAC1	JOHN DEERE ABS 2017-A A3	1.78%	4/15/21	1,989.75		0.00
PAYDOWNS	11/15/19	11/15/19	7,960.12	43814UAC3	HAROT 2018-1 A3	2.64%	2/15/22	7,960.12		0.00
INTEREST	11/16/19	11/16/19	50,000.00	36257PAD0	GM FINANCIAL SECURITIZED TERM	2.18%	4/16/24	90.83		
INTEREST	11/17/19	11/17/19	220,000.00	61746BED4	MORGAN STANLEY BONDS	2.62%	11/17/21	2,887.50		
INTEREST	11/17/19	11/17/19	95,000.00	14913Q2V0	CATERPILLAR FINL SERVICE CORP NOTES	2.85%	5/17/24	1,353.75		
INTEREST	11/18/19	11/18/19	280,000.00	87019U6D6	SWEDBANK (NEW YORK) CERT DEPOS	2.27%	11/16/20	3,283.93		
BUY	11/20/19	11/22/19	100,000.00	91324PCC4	UNITEDHEALTH GROUP INC CORP NOTES	2.87%	3/15/23	(103,091.07)	2.07%	
SELL	11/20/19	11/22/19	80,000.00	912828L57	US TREASURY NOTES	1.75%	9/30/22	80,615.23	1.56%	843.36
INTEREST	11/21/19	11/21/19	75,000.00	43815MAC0	HAROT 2019-2 A3	2.52%	6/21/23	157.50		
INTEREST	11/30/19	11/30/19	130,000.00	912828A42	US TREASURY NOTES	2.00%	11/30/20	1,300.00		

Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
INTEREST	11/30/19	11/30/19	135,000.00	002824BE9	ABBOTT LABORATORIES CORP NOTES	3.40%	11/30/23	2,295.00		
INTEREST	12/1/19	12/25/19	110,000.00	3137BM6P6	FHLMC SERIES K721 A2	3.09%	8/25/22	283.25		
INTEREST	12/2/19	12/2/19	0.00	MONEY0002	MONEY MARKET FUND			31.10		
BUY	12/2/19	12/4/19	430,000.00	912828Y87	UNITED STATES TREASURY NOTES	1.75%	7/31/24	(434,071.41)	1.67%	
SELL	12/2/19	12/4/19	320,000.00	912828T26	US TREASURY N/B	1.37%	9/30/23	317,443.92	1.66%	2,782.46
SELL	12/3/19	12/4/19	100,000.00	96121T4A3	WESTPAC BANKING CORP NY CD	2.05%	8/3/20	100,724.30	1.87%	58.05
INTEREST	12/7/19	12/7/19	385,000.00	94974BGR5	WELLS FARGO & COMPANY NOTES	2.55%	12/7/20	4,908.75		
INTEREST	12/10/19	12/10/19	170,000.00	3130A5P45	FEDERAL HOME LOAN BANKS NOTES	2.37%	6/10/22	2,018.75		
SELL	12/11/19	12/12/19	185,000.00	912828N30	US TREASURY NOTES	2.12%	12/31/22	189,458.17	1.63%	5,281.92
SELL	12/11/19	12/12/19	130,000.00	912828A42	US TREASURY NOTES	2.00%	11/30/20	130,537.20	1.64%	(405.29)
SELL	12/11/19	12/12/19	170,000.00	3130A5P45	FEDERAL HOME LOAN BANKS NOTES	2.37%	6/10/22	172,958.33	1.67%	652.71
SELL	12/11/19	12/12/19	115,000.00	912828X70	US TREASURY N/B NOTES	2.00%	4/30/24	116,954.44	1.65%	3,317.05
SELL	12/11/19	12/12/19	175,000.00	912828L57	US TREASURY NOTES	1.75%	9/30/22	176,198.72	1.63%	2,486.73
SELL	12/11/19	12/12/19	300,000.00	912828V23	US TREASURY NOTES	2.25%	12/31/23	310,104.62	1.65%	7,443.74
SELL	12/11/19	12/12/19	255,000.00	9128285L0	UNITED STATES TREASURY NOTES	2.87%	11/15/21	261,410.79	1.66%	(450.85)
SELL	12/11/19	12/12/19	110,000.00	912828W89	US TREASURY NOTES	1.87%	3/31/22	111,004.34	1.63%	272.00
SELL	12/11/19	12/12/19	75,000.00	912828L57	US TREASURY NOTES	1.75%	9/30/22	75,513.73	1.63%	648.35
SELL	12/11/19	12/12/19	40,000.00	912828N30	US TREASURY NOTES	2.12%	12/31/22	40,963.92	1.63%	1,286.15
SELL	12/11/19	12/12/19	475,000.00	912828Q29	US TREASURY NOTES	1.50%	3/31/23	474,491.42	1.63%	9,561.56
SELL	12/11/19	12/12/19	140,000.00	912828L24	US TREASURY N/B NOTES	1.87%	8/31/22	141,667.01	1.63%	(243.63)
SELL	12/11/19	12/12/19	235,000.00	912828L99	US TREASURY NOTES	1.37%	10/31/20	234,849.60	1.63%	634.65
SELL	12/11/19	12/12/19	150,000.00	912828D72	US TREASURY NOTES	2.00%	8/31/21	151,686.79	1.67%	640.51

Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
SELL	12/11/19	12/12/19	230,000.00	912828Y87	UNITED STATES TREASURY NOTES	1.75%	7/31/24	232,462.90	1.65%	201.01
SELL	12/11/19	12/12/19	300,000.00	3130AGLD5	FEDERAL HOME LOAN BANKS NOTES	1.87%	7/7/21	303,465.88	1.65%	851.44
SELL	12/11/19	12/12/19	155,000.00	9128285L0	UNITED STATES TREASURY NOTES	2.87%	11/15/21	158,896.76	1.66%	80.27
SELL	12/12/19	12/13/19	75,000.00	912828Q29	US TREASURY NOTES	1.50%	3/31/23	74,776.29	1.69%	1,361.79
SELL	12/12/19	12/16/19	90,000.00	02665WCQ2	AMERICAN HONDA FINANCE CORP NOTES	3.62%	10/10/23	95,496.83	2.13%	1,942.44
SELL	12/12/19	12/16/19	170,000.00	025816CC1	AMERICAN EXPRESS CO CORP NOTES	3.40%	2/22/24	179,097.83	2.32%	1,052.19
SELL	12/12/19	12/16/19	140,000.00	459058GA5	INTL BANK OF RECON AND DEV GLOBAL NOTES	1.62%	9/4/20	140,509.18	1.76%	(128.65)
SELL	12/12/19	12/16/19	385,000.00	94974BGR5	WELLS FARGO & COMPANY NOTES	2.55%	12/7/20	387,409.14	1.96%	715.23
INTEREST	12/15/19	12/15/19	75,000.00	65478DAD9	NAROT 2018-A A3	2.65%	5/15/22	165.63		
INTEREST	12/15/19	12/15/19	11,600.75	44891EAC3	HYUNDAI ABS 2016-B A3	1.29%	4/15/21	12.47		
INTEREST	12/15/19	12/15/19	120,000.00	254683CM5	DCENT 2019-A3 A	1.89%	10/15/24	189.00		
INTEREST	12/15/19	12/15/19	15,658.73	47788BAD6	JOHN DEERE ABS 2017-B A3	1.82%	10/15/21	23.75		
INTEREST	12/15/19	12/15/19	100,000.00	94106LBF5	WASTE MANAGEMENT INC CORP NOTES	2.95%	6/15/24	1,663.47		
INTEREST	12/15/19	12/15/19	49,942.32	02007FAC9	ALLY ABS 2017-4 A3	1.75%	12/15/21	72.83		
INTEREST	12/15/19	12/15/19	5,358.76	47787XAC1	JOHN DEERE ABS 2017-A A3	1.78%	4/15/21	7.95		
INTEREST	12/15/19	12/15/19	285,000.00	14041NFU0	COMET 2019-A2 A2	1.72%	8/15/24	408.50		
INTEREST	12/15/19	12/15/19	30,000.00	477870AC3	JOHN DEERE OWNER TRUST	2.21%	12/15/23	55.25		
INTEREST	12/15/19	12/15/19	25,437.23	34531EAD8	FORD ABS 2017-A A3	1.67%	6/15/21	35.40		
INTEREST	12/15/19	12/15/19	31,402.64	47788CAC6	JDOT 2018-A A3	2.66%	4/15/22	69.61		
INTEREST	12/15/19	12/15/19	40,000.00	14042WAC4	COPAR 2019-1 A3	2.51%	11/15/23	83.67		
INTEREST	12/15/19	12/15/19	60,000.00	58769QAC5	MERCEDES-BENZ AUTO LEASE TRUST	2.00%	10/17/22	83.33		
INTEREST	12/15/19	12/15/19	108,952.17	43814UAC3	HAROT 2018-1 A3	2.64%	2/15/22	239.69		

Tran. Type	Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield	Realized G/L (BV)
PAYDOWNS	12/15/19	12/15/19	7,342.98	43814UAC3	HAROT 2018-1 A3	2.64%	2/15/22	7,342.98		0.00
PAYDOWNS	12/15/19	12/15/19	1,257.12	47788BAD6	JOHN DEERE ABS 2017-B A3	1.82%	10/15/21	1,257.12		0.00
PAYDOWNS	12/15/19	12/15/19	2,326.71	47788CAC6	JDOT 2018-A A3	2.66%	4/15/22	2,326.71		0.00
PAYDOWNS	12/15/19	12/15/19	1,328.45	65478DAD9	NAROT 2018-A A3	2.65%	5/15/22	1,328.45		0.00
PAYDOWNS	12/15/19	12/15/19	3,545.67	44891EAC3	HYUNDAI ABS 2016-B A3	1.29%	4/15/21	3,545.67		0.00
PAYDOWNS	12/15/19	12/15/19	1,250.65	47787XAC1	JOHN DEERE ABS 2017-A A3	1.78%	4/15/21	1,250.65		0.00
PAYDOWNS	12/15/19	12/15/19	5,251.28	02007FAC9	ALLY ABS 2017-4 A3	1.75%	12/15/21	5,251.28		0.00
PAYDOWNS	12/15/19	12/15/19	4,411.11	34531EAD8	FORD ABS 2017-A A3	1.67%	6/15/21	4,411.11		0.00
INTEREST	12/16/19	12/16/19	50,000.00	36257PAD0	GM FINANCIAL SECURITIZED TERM	2.18%	4/16/24	90.83		
INTEREST	12/21/19	12/21/19	75,000.00	43815MAC0	HAROT 2019-2 A3	2.52%	6/21/23	157.50		
INTEREST	12/27/19	12/27/19	25,000.00	02665WCZ2	AMERICAN HONDA FINANCE CORP NOTE	2.40%	6/27/24	300.00		
INTEREST	12/31/19	12/31/19	390,000.00	912828U81	US TREASURY NOTES	2.00%	12/31/21	3,900.00		
INTEREST	12/31/19	12/31/19	200,000.00	912828N30	US TREASURY NOTES	2.12%	12/31/22	2,125.00		
INTEREST	12/31/19	12/31/19	300,000.00	912828V23	US TREASURY NOTES	2.25%	12/31/23	3,375.00		
INTEREST	12/31/19	12/31/19	100,000.00	912828XX3	US TREASURY N/B NOTES	2.00%	6/30/24	1,000.00		
INTEREST	12/31/19	12/31/19	235,000.00	912828XW5	US TREASURY NOTES	1.75%	6/30/22	2,056.25		
<b>TOTALS</b>								<b>4,181,366.48</b>		<b>54,097.28</b>

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# Portfolio Holdings

## Managed Account Detail of Securities Held

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
<b>U.S. Treasury Bond / Note</b>											
US TREASURY NOTES DTD 05/15/2018 2.625% 05/15/2021	9128284P2	100,000.00	AA+	Aaa	4/30/2019	5/3/2019	100,695.31	2.27	338.94	100,472.45	101,375.00
US TREASURY NOTES DTD 08/01/2016 1.125% 07/31/2021	912828S76	175,000.00	AA+	Aaa	5/8/2017	5/10/2017	170,016.60	1.83	823.88	173,091.04	173,694.33
US TREASURY NOTES DTD 08/15/2018 2.750% 08/15/2021	9128284W7	235,000.00	AA+	Aaa	4/30/2019	5/3/2019	237,551.95	2.26	2,441.00	236,826.07	239,286.87
US TREASURY NOTES DTD 08/15/2018 2.750% 08/15/2021	9128284W7	115,000.00	AA+	Aaa	9/18/2019	9/19/2019	117,169.73	1.74	1,194.53	116,852.57	117,097.83
US TREASURY NOTES DTD 09/30/2014 2.125% 09/30/2021	912828F21	215,000.00	AA+	Aaa	9/24/2019	9/25/2019	216,822.46	1.70	1,160.91	216,583.43	216,923.18
US TREASURY NOTES DTD 10/31/2016 1.250% 10/31/2021	912828T67	190,000.00	AA+	Aaa	3/14/2017	3/16/2017	182,934.38	2.10	404.53	187,123.99	188,856.96
US TREASURY NOTES DTD 10/31/2016 1.250% 10/31/2021	912828T67	245,000.00	AA+	Aaa	8/30/2017	8/31/2017	241,152.73	1.64	521.63	243,278.96	243,526.08
US TREASURY NOTES DTD 01/03/2017 2.000% 12/31/2021	912828U81	390,000.00	AA+	Aaa	6/26/2017	6/28/2017	394,737.89	1.72	21.43	392,145.46	393,123.12
US TREASURY NOTES DTD 02/02/2015 1.500% 01/31/2022	912828H86	460,000.00	AA+	Aaa	7/5/2017	7/7/2017	452,435.16	1.88	2,887.50	456,472.86	459,317.36
UNITED STATES TREASURY NOTES DTD 04/15/2019 2.250% 04/15/2022	9128286M7	120,000.00	AA+	Aaa	5/10/2019	5/14/2019	120,117.19	2.22	575.41	120,093.15	121,762.56
US TREASURY NOTES DTD 06/30/2017 1.750% 06/30/2022	912828XW5	235,000.00	AA+	Aaa	9/1/2017	9/7/2017	235,330.47	1.72	11.30	235,175.97	235,973.14
US TREASURY NOTES DTD 07/31/2017 1.875% 07/31/2022	9128282P4	100,000.00	AA+	Aaa	2/26/2018	2/28/2018	97,101.56	2.57	784.65	98,269.25	100,707.00
US TREASURY NOTES DTD 07/31/2017 1.875% 07/31/2022	9128282P4	95,000.00	AA+	Aaa	12/4/2017	12/6/2017	93,883.01	2.14	745.41	94,367.19	95,671.65
US TREASURY NOTES DTD 07/31/2017 1.875% 07/31/2022	9128282P4	245,000.00	AA+	Aaa	1/2/2018	1/4/2018	241,363.28	2.22	1,922.38	242,903.41	246,732.15
US TREASURY NOTES DTD 09/30/2015 1.750% 09/30/2022	912828L57	75,000.00	AA+	Aaa	12/4/2017	12/6/2017	73,628.91	2.15	333.50	74,201.64	75,301.73

## Managed Account Detail of Securities Held

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
<b>U.S. Treasury Bond / Note</b>											
US TREASURY NOTES DTD 09/30/2015 1.750% 09/30/2022	912828L57	175,000.00	AA+	Aaa	3/23/2018	3/26/2018	168,697.27	2.60	778.18	171,079.87	175,704.03
US TREASURY NOTES DTD 12/31/2015 2.125% 12/31/2022	912828N30	200,000.00	AA+	Aaa	7/3/2018	7/6/2018	194,929.69	2.73	11.68	196,543.13	203,046.80
US TREASURY NOTES DTD 03/31/2016 1.500% 03/31/2023	912828Q29	750,000.00	AA+	Aaa	4/30/2019	5/3/2019	728,642.58	2.27	2,858.61	732,145.68	747,275.25
US TREASURY NOTES DTD 10/31/2016 1.625% 10/31/2023	912828T91	400,000.00	AA+	Aaa	4/30/2019	5/3/2019	388,859.37	2.28	1,107.14	390,433.02	399,640.80
US TREASURY NOTES DTD 01/03/2017 2.250% 12/31/2023	912828V23	300,000.00	AA+	Aaa	4/30/2019	5/3/2019	299,578.12	2.28	18.54	299,639.06	306,831.90
US TREASURY N/B DTD 03/31/2017 2.125% 03/31/2024	912828W71	145,000.00	AA+	Aaa	4/30/2019	5/3/2019	143,912.50	2.29	782.94	144,053.83	147,696.13
US TREASURY N/B NOTES DTD 06/30/2017 2.000% 06/30/2024	912828XX3	100,000.00	AA+	Aaa	7/1/2019	7/3/2019	101,074.22	1.77	5.49	100,972.02	101,386.70
UNITED STATES TREASURY NOTES DTD 07/31/2019 1.750% 07/31/2024	912828Y87	200,000.00	AA+	Aaa	12/2/2019	12/4/2019	200,695.31	1.67	1,464.67	200,685.11	200,640.60
US TREASURY NOTES DTD 10/02/2017 2.125% 09/30/2024	912828Y5	400,000.00	AA+	Aaa	10/31/2019	11/4/2019	410,578.13	1.56	2,159.84	410,249.09	408,000.00
<b>Security Type Sub-Total</b>		<b>5,665,000.00</b>					<b>5,611,907.82</b>	<b>2.04</b>	<b>23,354.09</b>	<b>5,633,658.25</b>	<b>5,699,571.17</b>
<b>Municipal Bond / Note</b>											
CA ST TXBL GO BONDS DTD 04/25/2018 2.800% 04/01/2021	13063DGA0	170,000.00	AA-	Aa2	4/18/2018	4/25/2018	170,006.80	2.80	1,190.00	170,002.14	172,203.20
<b>Security Type Sub-Total</b>		<b>170,000.00</b>					<b>170,006.80</b>	<b>2.80</b>	<b>1,190.00</b>	<b>170,002.14</b>	<b>172,203.20</b>
<b>Federal Agency Collateralized Mortgage Obligation</b>											
FHLMC SERIES K721 A2 DTD 12/01/2015 3.090% 08/25/2022	3137BM6P6	110,000.00	AA+	Aaa	4/4/2018	4/9/2018	110,936.72	2.61	283.25	110,501.00	112,318.43

## Managed Account Detail of Securities Held

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
<b>Security Type Sub-Total</b>		<b>110,000.00</b>					<b>110,936.72</b>	<b>2.61</b>	<b>283.25</b>	<b>110,501.00</b>	<b>112,318.43</b>
<b>Corporate Note</b>											
IBM CORP CORP NOTES DTD 02/06/2018 2.650% 02/05/2021	44932HAG8	140,000.00	A	A2	2/1/2018	2/6/2018	139,931.40	2.67	1,504.61	139,974.30	141,281.28
NATIONAL RURAL UTIL COOP NOTE DTD 02/26/2018 2.900% 03/15/2021	63743HER9	60,000.00	A	A2	2/21/2018	2/26/2018	59,933.40	2.94	512.33	59,972.77	60,675.30
UNITED PARCEL SERVICE CORPORATE BOND DTD 11/14/2017 2.050% 04/01/2021	911312BP0	110,000.00	A	A2	11/9/2017	11/14/2017	109,826.20	2.10	563.75	109,933.93	110,294.58
MORGAN STANLEY CORP NOTES DTD 04/21/2016 2.500% 04/21/2021	61746BEA0	100,000.00	BBB+	A3	5/10/2016	5/13/2016	100,574.00	2.38	486.11	100,158.44	100,758.30
GOLDMAN SACHS GRP INC CORP NT (CALLABLE) DTD 04/25/2016 2.625% 04/25/2021	38141GVU5	290,000.00	BBB+	A3	8/10/2016	8/15/2016	296,693.20	2.11	1,395.63	291,856.17	292,531.12
BRANCH BANKING & TRUST (CALLABLE) NOTE DTD 05/10/2016 2.050% 05/10/2021	05531FAV5	250,000.00	A-	A3	5/10/2016	5/16/2016	249,835.00	2.06	726.04	249,953.48	250,526.75
BOEING CO DTD 07/31/2019 2.300% 08/01/2021	097023CL7	45,000.00	A-	A3	7/29/2019	7/31/2019	44,998.20	2.30	434.13	44,998.58	45,254.66
BANK OF AMERICA CORP (CALLABLE) DTD 09/18/2017 2.328% 10/01/2021	06051GGS2	90,000.00	A-	A2	9/13/2017	9/18/2017	90,000.00	2.33	523.80	90,000.00	90,256.41
MORGAN STANLEY BONDS DTD 11/17/2016 2.625% 11/17/2021	61746BED4	220,000.00	BBB+	A3	2/1/2017	2/3/2017	216,755.00	2.96	705.83	218,675.56	222,637.36
BANK OF AMERICA CORP CORP NOTES DTD 01/24/2012 5.700% 01/24/2022	06051GEM7	130,000.00	A-	A2	9/1/2017	9/7/2017	147,414.80	2.46	3,231.58	138,437.68	139,516.78
BB&T CORP (CALLABLE) NOTES DTD 03/21/2017 2.750% 04/01/2022	05531FAX1	300,000.00	A-	A3	4/3/2017	4/6/2017	302,265.00	2.59	2,062.50	301,038.17	305,316.30
BANK OF NY MELLON CORP NOTE DTD 01/29/2018 2.950% 01/29/2023	06406RAE7	200,000.00	A	A1	5/31/2019	6/4/2019	202,200.00	2.63	2,491.11	201,870.69	205,401.00



## Managed Account Detail of Securities Held

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
<b>Corporate Note</b>											
CITIGROUP INC CORP NOTES DTD 02/20/2013 3.375% 03/01/2023	172967GL9	150,000.00	BBB+	A3	5/3/2019	5/7/2019	151,960.50	3.01	1,687.50	151,645.47	155,529.30
UNITEDHEALTH GROUP INC CORP NOTES DTD 02/28/2013 2.875% 03/15/2023	91324PCC4	100,000.00	A+	A3	11/20/2019	11/22/2019	102,556.00	2.07	846.53	102,475.55	102,732.30
BANK OF NY MELLON CORP CORP NOTES DTD 08/13/2018 3.450% 08/11/2023	06406RAJ6	150,000.00	A	A1	5/3/2019	5/7/2019	153,492.00	2.87	2,012.50	152,989.74	157,690.65
ABBOTT LABORATORIES CORP NOTES DTD 11/22/2016 3.400% 11/30/2023	002824BE9	135,000.00	A-	A3	5/10/2019	5/14/2019	138,384.45	2.81	395.25	137,923.12	141,936.98
CHARLES SCHWAB CORP NOTES DTD 10/31/2018 3.550% 02/01/2024	808513AY1	145,000.00	A	A2	5/3/2019	5/7/2019	149,856.05	2.79	2,144.79	149,229.70	153,000.67
AMERICAN EXPRESS CO CORP NOTES DTD 02/22/2019 3.400% 02/22/2024	025816CC1	100,000.00	BBB+	A3	7/10/2019	7/12/2019	104,008.00	2.47	1,218.33	103,621.54	104,610.90
MORGAN STANLEY CORP NOTES DTD 04/28/2014 3.875% 04/29/2024	61746BDQ6	150,000.00	BBB+	A3	7/19/2019	7/23/2019	158,779.50	2.56	1,001.04	158,017.86	159,461.70
CATERPILLAR FINL SERVICE CORP NOTES DTD 05/17/2019 2.850% 05/17/2024	14913Q2V0	95,000.00	A	A3	7/1/2019	7/3/2019	97,265.75	2.33	330.92	97,048.40	98,238.93
WASTE MANAGEMENT INC CORP NOTES DTD 05/22/2019 2.950% 06/15/2024	94106LBF5	100,000.00	A-	Baa1	9/16/2019	9/18/2019	102,769.00	2.33	131.11	102,613.27	103,239.90
AMERICAN HONDA FINANCE CORP NOTE DTD 06/27/2019 2.400% 06/27/2024	02665WCZ2	25,000.00	A	A2	7/12/2019	7/16/2019	24,871.50	2.51	6.67	24,882.91	25,279.80
US BANCORP DTD 07/29/2019 2.400% 07/30/2024	91159HHX1	145,000.00	A+	A1	7/30/2019	8/1/2019	144,870.95	2.42	1,469.33	144,881.27	147,018.40
WALT DISNEY COMPANY/THE DTD 09/06/2019 1.750% 08/30/2024	254687FK7	145,000.00	A	A2	9/3/2019	9/6/2019	144,408.40	1.84	810.59	144,444.67	143,899.74

## Managed Account Detail of Securities Held

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
<b>Corporate Note</b>											
PNC BANK NA CORP NOTES DTD 11/01/2019 2.200% 11/01/2024	693475AY1	100,000.00	A-	A3	11/5/2019	11/8/2019	99,967.00	2.21	366.67	99,967.99	100,371.70
<b>Security Type Sub-Total</b>		<b>3,475,000.00</b>					<b>3,533,615.30</b>	<b>2.47</b>	<b>27,058.65</b>	<b>3,516,611.26</b>	<b>3,557,460.81</b>
<b>Certificate of Deposit</b>											
SWEDBANK (NEW YORK) CERT DEPOS DTD 11/17/2017 2.270% 11/16/2020	87019U6D6	280,000.00	A-1+	P-1	11/16/2017	11/17/2017	280,000.00	2.30	776.84	280,000.00	280,764.68
<b>Security Type Sub-Total</b>		<b>280,000.00</b>					<b>280,000.00</b>	<b>2.30</b>	<b>776.84</b>	<b>280,000.00</b>	<b>280,764.68</b>
<b>Asset-Backed Security</b>											
JOHN DEERE ABS 2017-A A3 DTD 03/02/2017 1.780% 04/15/2021	47787XAC1	4,108.11	NR	Aaa	2/22/2017	3/2/2017	4,107.52	1.79	3.25	4,107.90	4,106.93
HYUNDAI ABS 2016-B A3 DTD 09/21/2016 1.290% 04/15/2021	44891EAC3	8,055.08	AAA	Aaa	9/14/2016	9/21/2016	8,053.99	1.30	4.62	8,054.83	8,049.61
FORD ABS 2017-A A3 DTD 01/25/2017 1.670% 06/15/2021	34531EAD8	21,026.12	NR	Aaa	1/18/2017	1/25/2017	21,026.03	1.67	15.61	21,026.10	21,012.11
JOHN DEERE ABS 2017-B A3 DTD 07/15/2017 1.820% 10/15/2021	47788BAD6	14,401.61	NR	Aaa	7/11/2017	7/18/2017	14,400.55	1.82	11.65	14,401.11	14,388.77
ALLY ABS 2017-4 A3 DTD 08/23/2017 1.750% 12/15/2021	02007FAC9	44,691.04	AAA	NR	8/15/2017	8/23/2017	44,690.47	1.75	34.76	44,690.77	44,659.19
HAROT 2018-1 A3 DTD 02/28/2018 2.640% 02/15/2022	43814UAC3	101,609.19	AAA	Aaa	2/22/2018	2/28/2018	101,596.06	2.65	119.22	101,601.94	102,032.61
JDOT 2018-A A3 DTD 02/28/2018 2.660% 04/15/2022	47788CAC6	29,075.93	NR	Aaa	2/21/2018	2/28/2018	29,073.84	2.66	34.37	29,074.67	29,185.49
NAROT 2018-A A3 DTD 02/28/2018 2.650% 05/15/2022	65478DAD9	73,671.55	AAA	Aaa	2/21/2018	2/28/2018	73,663.13	2.66	86.77	73,666.69	73,987.70

## Managed Account Detail of Securities Held

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
<b>Asset-Backed Security</b>											
MERCEDES-BENZ AUTO LEASE TRUST DTD 11/20/2019 2.000% 10/17/2022	58769QAC5	60,000.00	AAA	NR	11/13/2019	11/20/2019	59,990.46	2.01	53.33	59,990.79	60,014.06
HAROT 2019-2 A3 DTD 05/29/2019 2.520% 06/21/2023	43815MAC0	75,000.00	NR	Aaa	5/21/2019	5/29/2019	74,997.20	2.52	52.50	74,997.61	75,890.38
COPAR 2019-1 A3 DTD 05/30/2019 2.510% 11/15/2023	14042WAC4	40,000.00	AAA	Aaa	5/21/2019	5/30/2019	39,991.90	2.52	44.62	39,992.88	40,357.88
JOHN DEERE OWNER TRUST DTD 07/24/2019 2.210% 12/15/2023	477870AC3	30,000.00	NR	Aaa	7/16/2019	7/24/2019	29,993.63	2.22	29.47	29,994.26	30,196.23
GM FINANCIAL SECURITIZED TERM DTD 07/24/2019 2.180% 04/16/2024	36257PAD0	50,000.00	AAA	NR	7/16/2019	7/24/2019	49,993.91	2.19	45.42	49,994.44	50,230.44
COMET 2019-A2 A2 DTD 09/05/2019 1.720% 08/15/2024	14041NFU0	285,000.00	AAA	NR	8/28/2019	9/5/2019	284,928.24	1.73	217.87	284,933.19	284,125.22
DCENT 2019-A3 A DTD 10/31/2019 1.890% 10/15/2024	254683CM5	120,000.00	NR	Aaa	10/24/2019	10/31/2019	119,974.22	1.90	100.80	119,974.89	119,850.46
<b>Security Type Sub-Total</b>		<b>956,638.63</b>					<b>956,481.15</b>	<b>2.10</b>	<b>854.26</b>	<b>956,502.07</b>	<b>958,087.08</b>
<b>Managed Account Sub Total</b>		<b>10,656,638.63</b>					<b>10,662,947.79</b>	<b>2.22</b>	<b>53,517.09</b>	<b>10,667,274.72</b>	<b>10,780,405.37</b>
<b>Securities Sub-Total</b>		<b>\$10,656,638.63</b>					<b>\$10,662,947.79</b>	<b>2.22%</b>	<b>\$53,517.09</b>	<b>\$10,667,274.72</b>	<b>\$10,780,405.37</b>
<b>Accrued Interest</b>											<b>\$53,517.09</b>
<b>Total Investments</b>											<b>\$10,833,922.46</b>

Bolded items are forward settling trades.

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# Appendix

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## 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 Interactive Data, 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.

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**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 of 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.

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**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.