



Date: August 3, 2020
To: Mayor and City Council
From: City Manager
By: Director of Finance
Subject: 2020 Second Quarter Investment Report

In accordance with California Government Code and the City's Statement of Investment Policy, I am transmitting for your review the quarterly investment report for the period of April 1, 2020 – June 30, 2020 (2Q2020). The City's Investment Advisory Committee (IAC) received this report on July 28, 2020. The attached report provides a summary of market and economic conditions, the composition of the City's portfolio, investment performance and investment strategy. Monthly summaries of the City's investments managed by PFM along with the quarterly reports are posted on the City of Hayward website at: <http://www.hayward-ca.gov/your-government/documents/investment-reports>.

The City's investment portfolio (pooled cash) carried a market value of \$388 million as of June 30, 2020. The investments held at the end of 2Q2020 included \$129.7 million invested through the City's investment advisor, The PFM Group; \$159.9 million on deposit in the Local Agency Investment Fund (LAIF); and \$98.5 million in the City's general checking account.

Interest earned during 2Q2020 on the City's portfolio managed by the PFM Group (excluding LAIF and cash accounts) totaled \$608,932. The portfolio outperformed the City's benchmark used for comparison (1-3 Year U.S. Treasury Index) – by 13 basis points for the one-year period from June 30, 2019 to June 30, 2020 and met the benchmark for the quarter. Funds on deposit with LAIF earned 1.41% during 2Q2020. The balance held in the City's general checking account does not earn interest.

Pursuant to provision (3) of California Government Code section 53646, the City establishes that it is able to meet its pooled expenditure requirements for the next six months.

Attachments:

Second Quarter 2020 Performance Investment Report by The PFM Group
Second Quarter 2020 LAIF Performance Report



CITY OF HAYWARD

Investment Performance Review For the Quarter Ended June 30, 2020

Client Management Team

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Market Update

COVID-19 Impact Update

Health Pandemic

- Confirmed cases exceed 10 million worldwide
- U.S. is leading the world with roughly 25% of cases and deaths
- Recent surge in new U.S. case numbers threatens economic reopening



Effects on the Economy

- Significant negative impact of lockdowns apparent in first and second quarter economic data
- Early signs of rebound have appeared as some states start to reopen

Limited Capacity

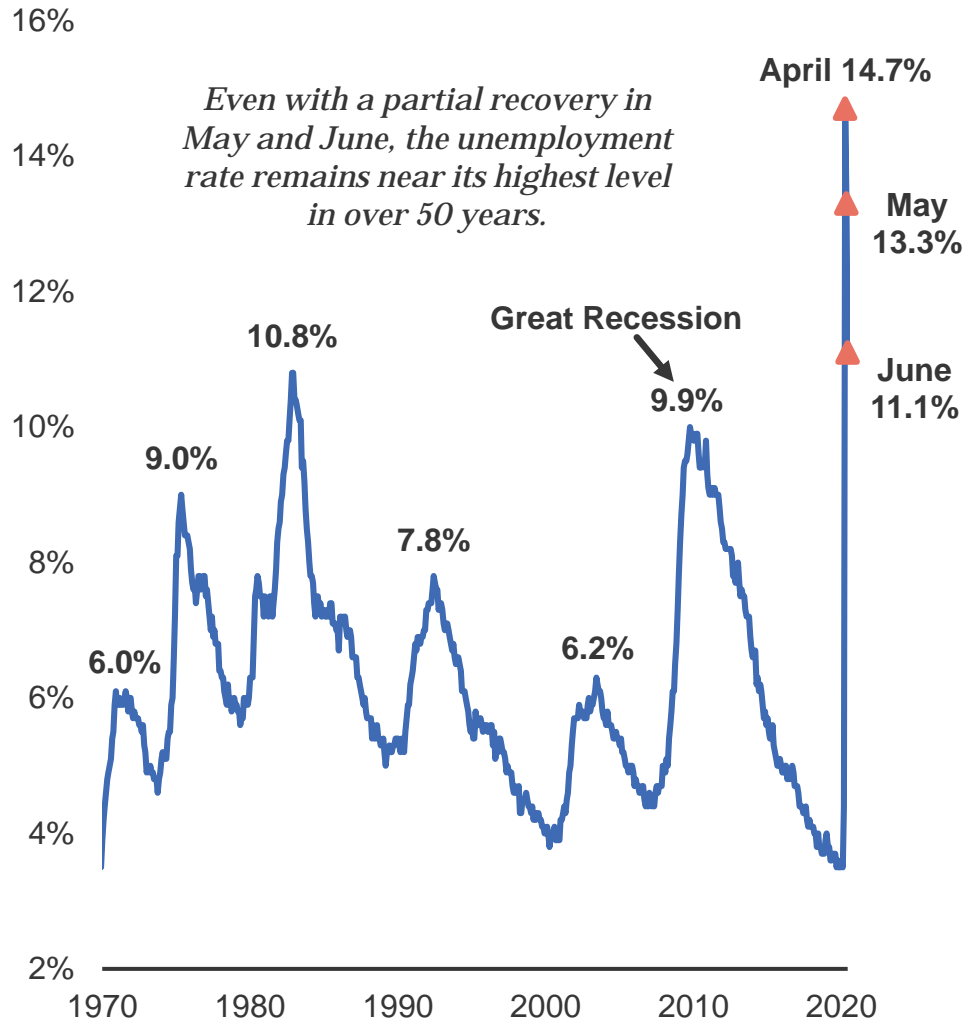
Effects on the Financial Markets

- Yields remain very low and are not expected to move meaningfully over the near term
- Fed support stabilized the bond market and returned liquidity
- Equity markets substantially recovered in second quarter

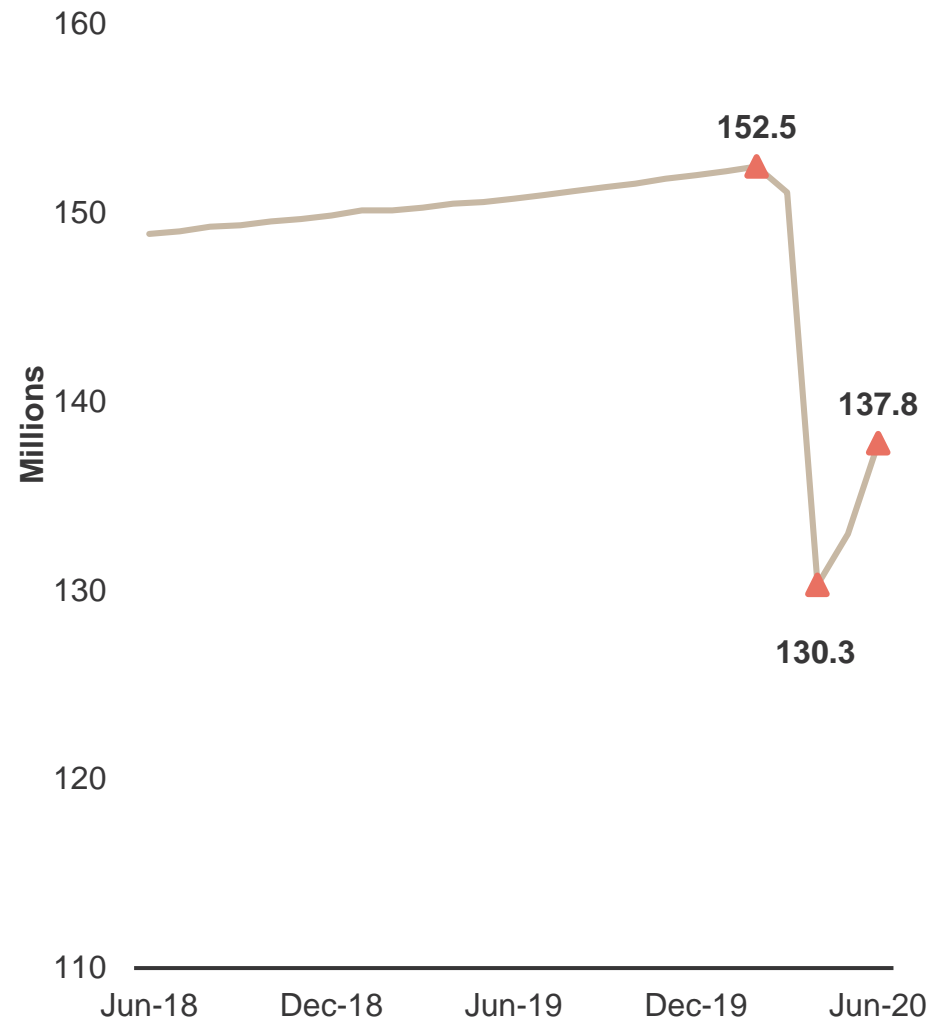


Labor Market Struggling; Early Signs of Recovery Present

Unemployment Rate

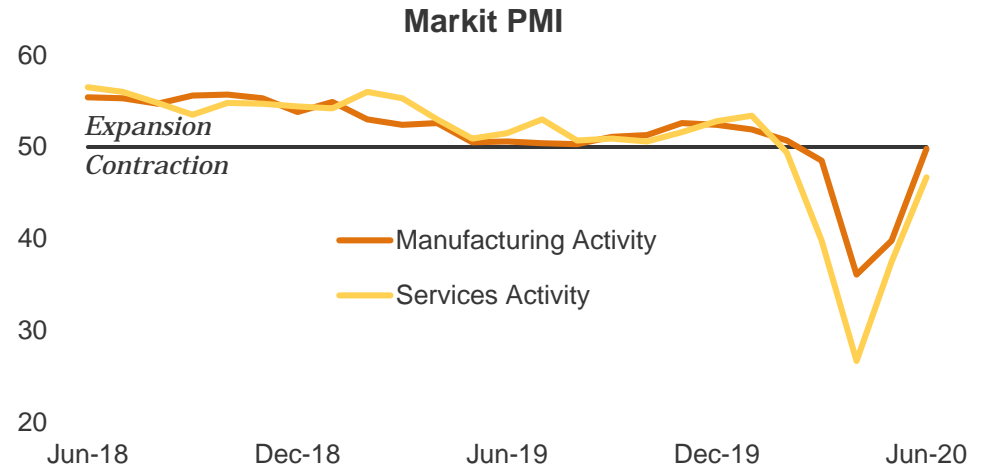
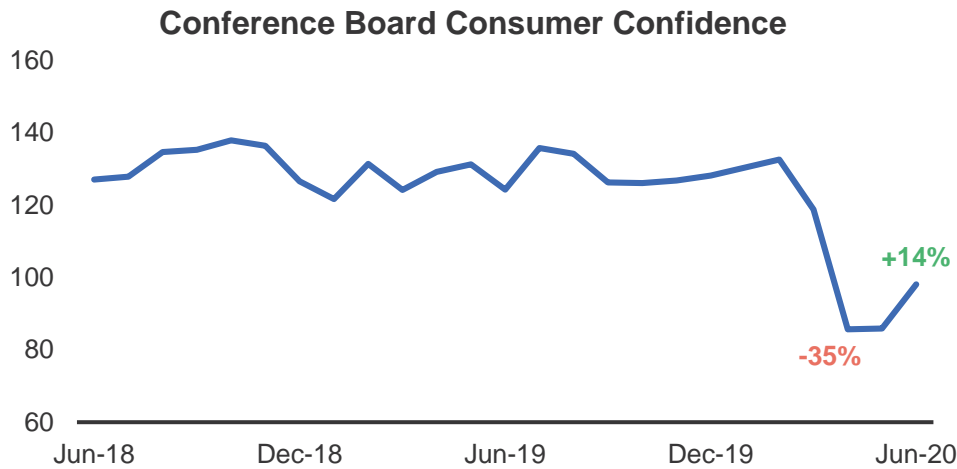
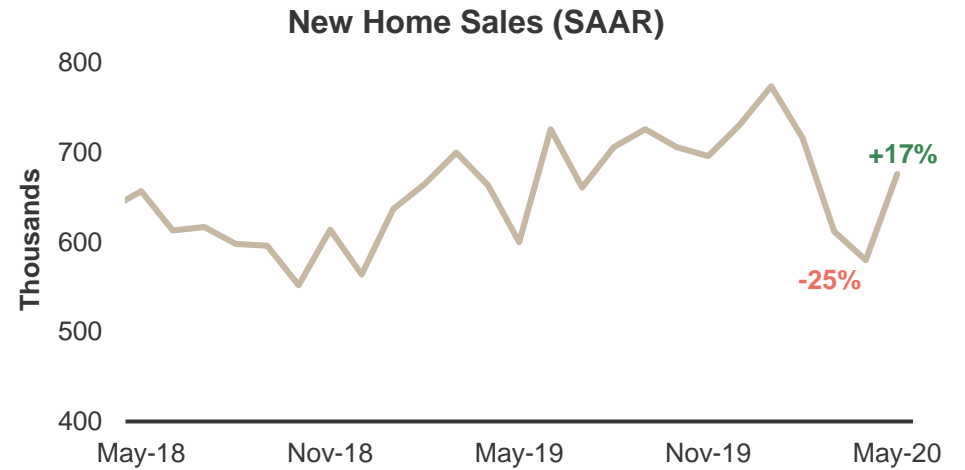
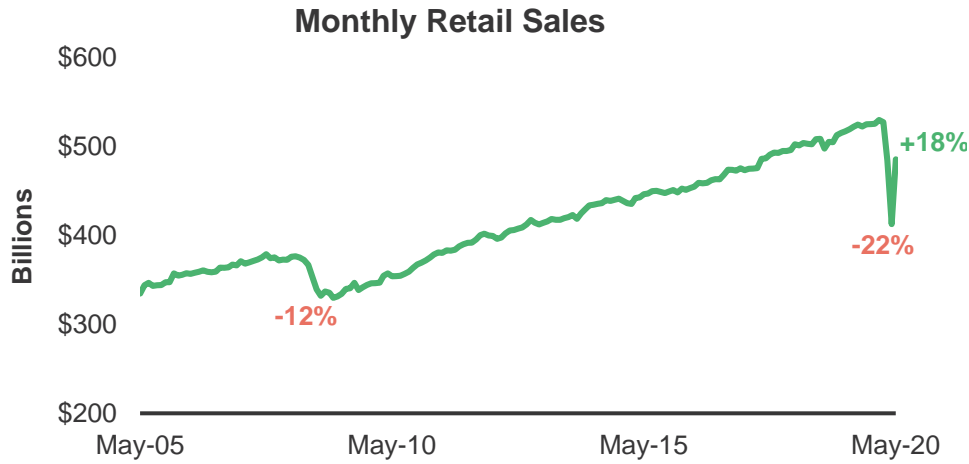


Total Nonfarm Employment



Source: Bloomberg, as of 6/30/2020. Data is seasonally adjusted.

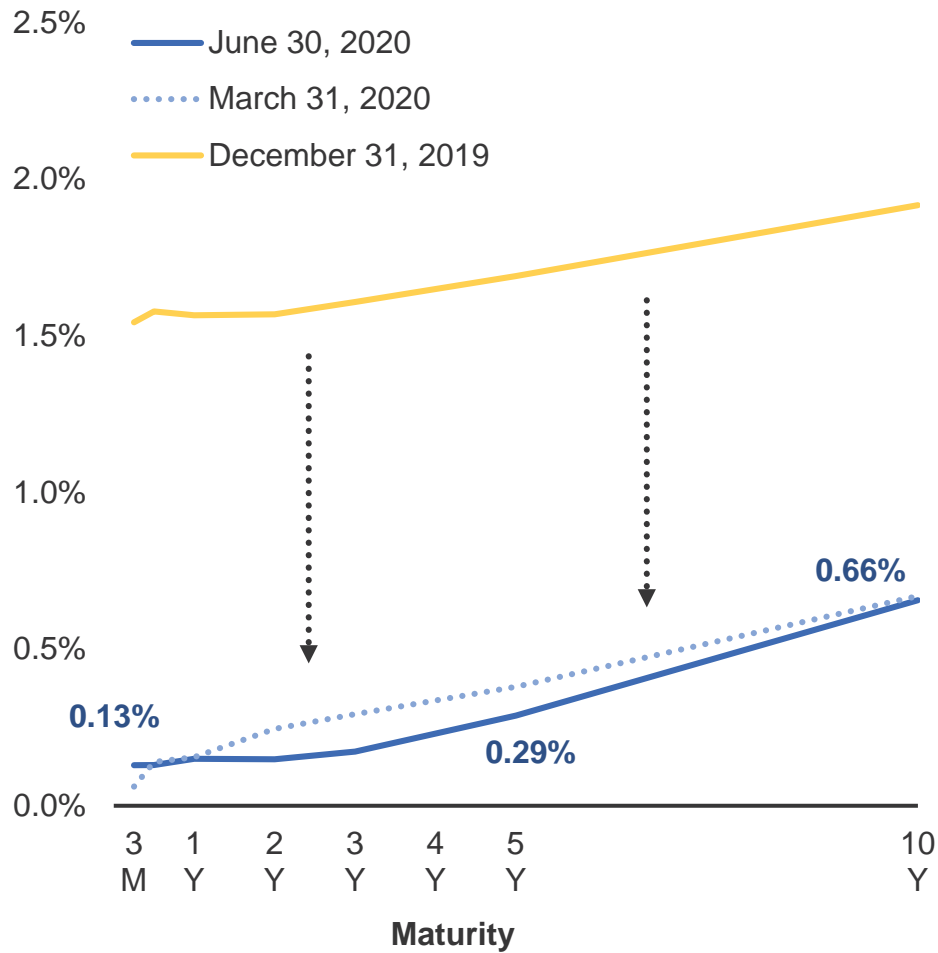
Economic Conditions Are Depressed, but Appear to Have Bottomed



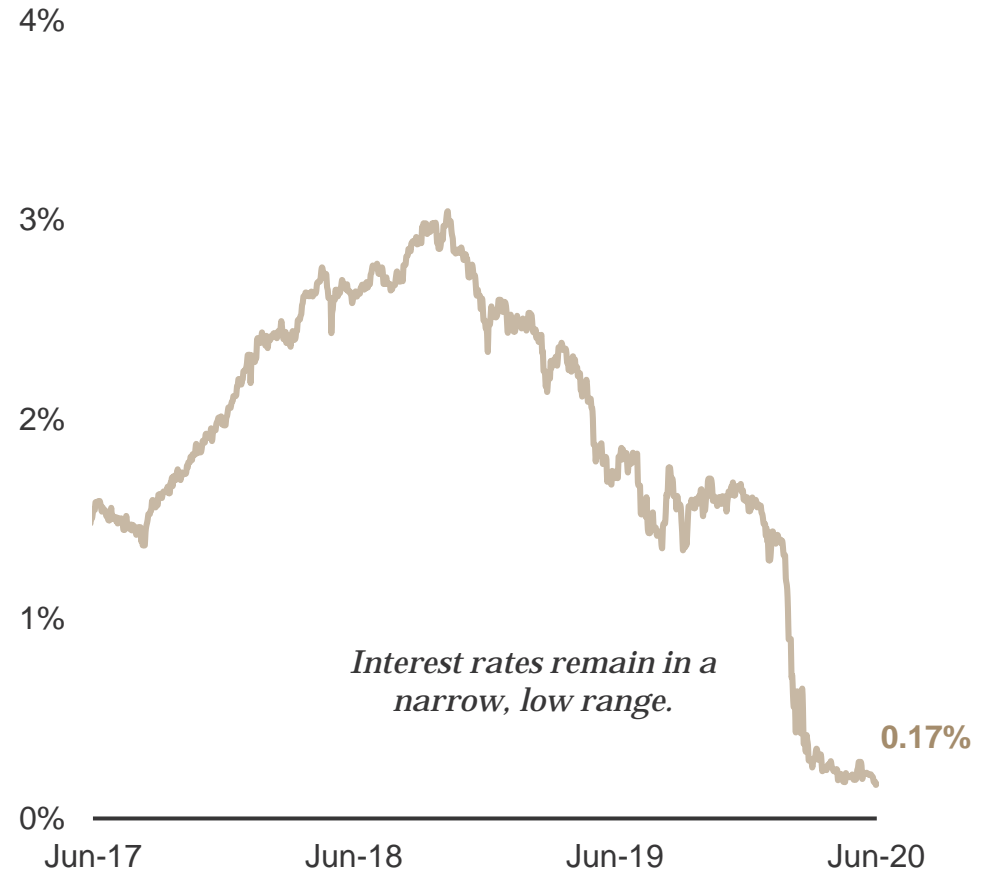
Source: Bloomberg, data available as of 6/30/2020.

Interest Rates Traded in a Narrow Range During the Second Quarter

US Treasury Yield Curve



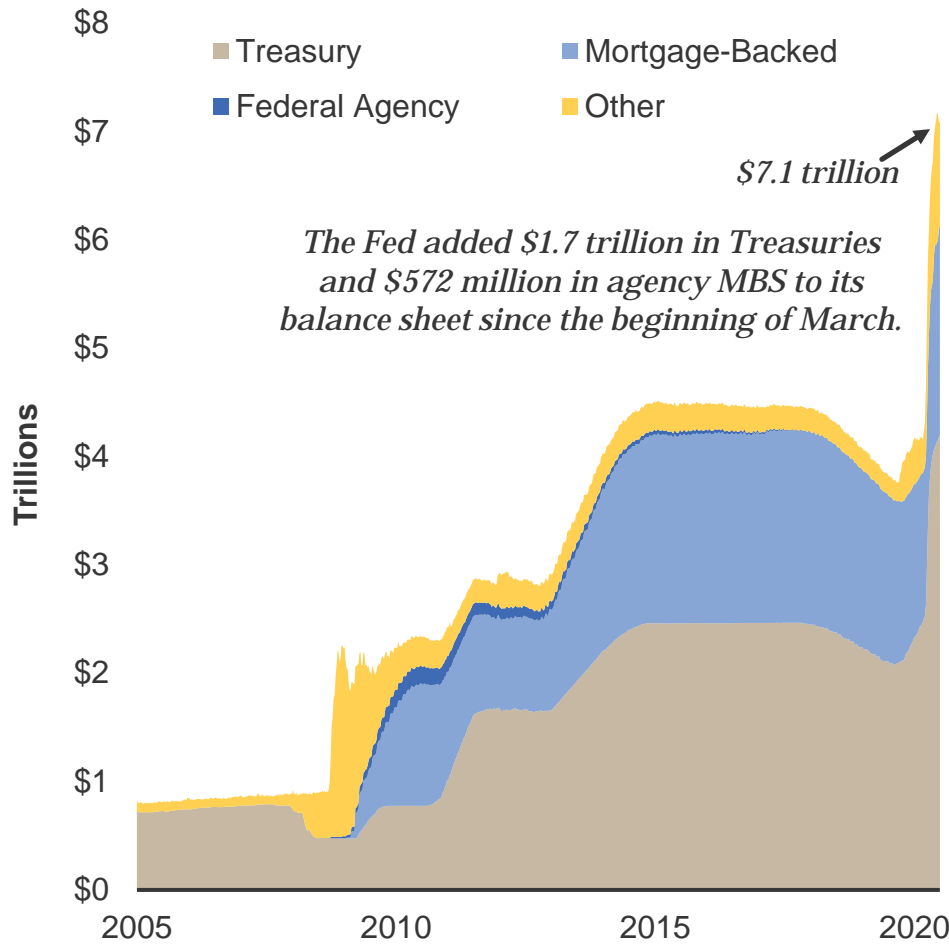
3-Year Treasury Yield



Source: Bloomberg, as of 6/30/2020.

Federal Reserve Has Provided \$3 Trillion in Monetary Stimulus

Assets of the Federal Reserve



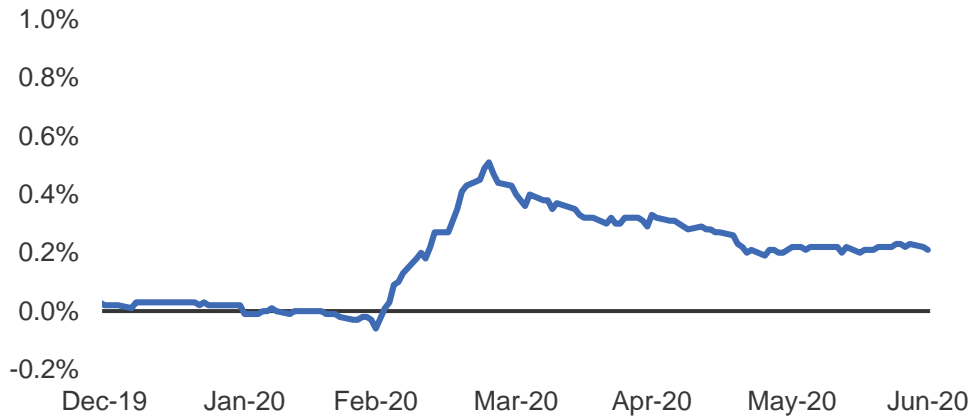
Amount Allocated to Fed's Liquidity Programs	
Fed Facility	Holdings (billions)
Discount Window	\$7.1
Primary Dealer Credit Facility	\$4.0
Money Market Mutual Fund Liquidity Facility	\$23.5
Commercial Paper Funding Facility	\$12.8
Paycheck Protection Program Liquidity Facility	\$59.4
Swap Lines	\$276.7
Repurchase Agreements	\$73.1
Municipal Liquidity Facility	\$16.1
Main Street Lending Facility	\$32.7
Primary Corporate Credit Facility	\$0.0
Secondary Corporate Credit Facility	\$40.0
Term Asset-Backed Securities Loan Facility	\$7.3

Source: Federal Reserve, as of 6/26/2020.

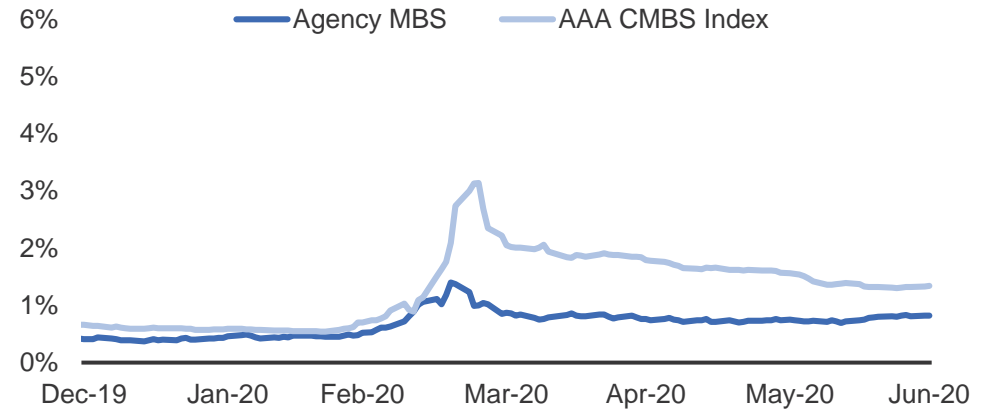
Sector Spreads Tightened Significantly, Moving Toward Pre-COVID Levels

1-5 Year Indices

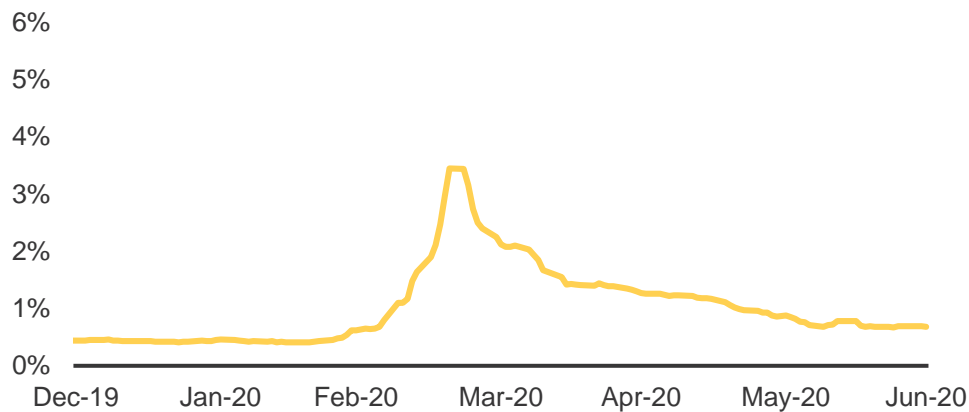
Federal Agency Yield Spreads



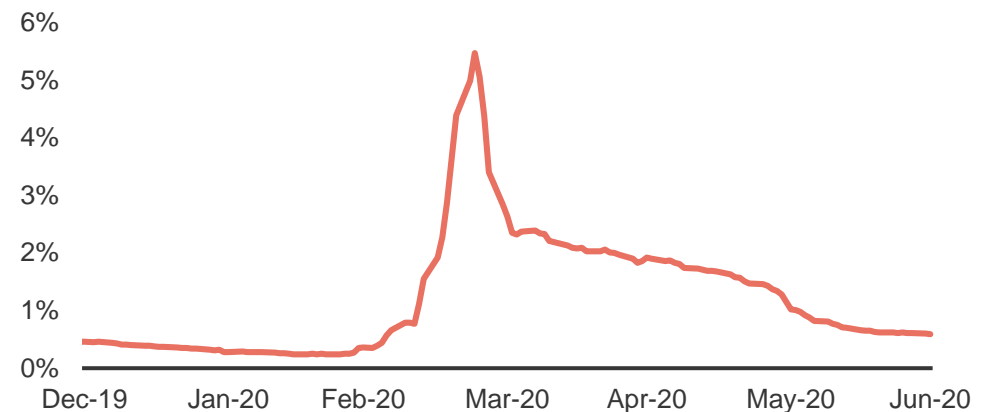
Mortgage-Backed Securities Yield Spreads



Corporate Notes A-AAA Yield Spreads



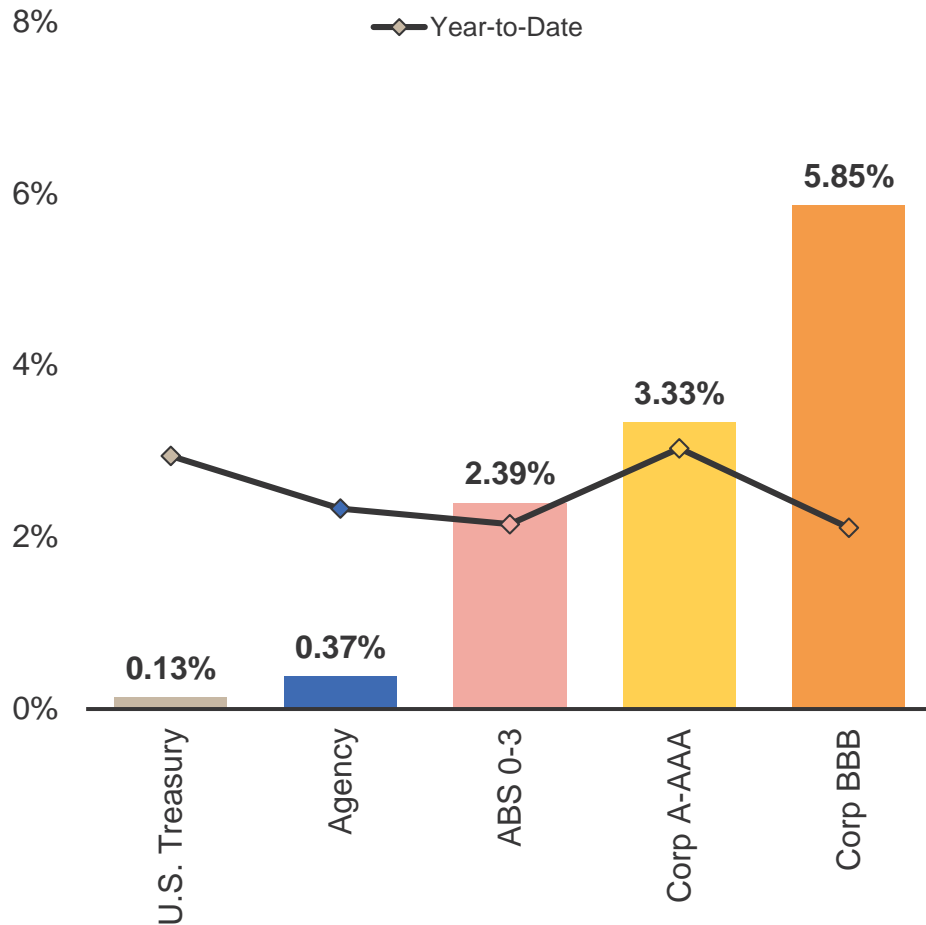
Asset-Backed Securities Yield Spreads



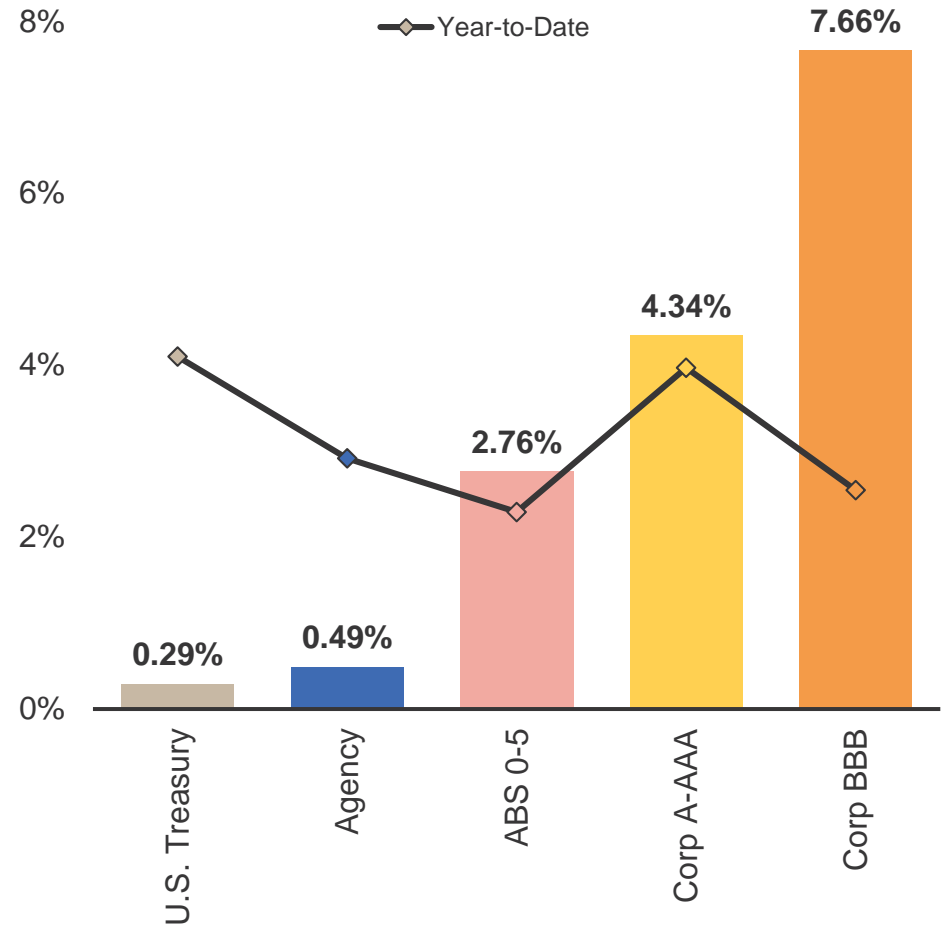
Source: ICE BofAML 1-5 year Indices via Bloomberg, MarketAxess, and PFM, as of 6/30/2020. Spreads on ABS and MBS are option-adjusted spreads of 0-5 year indices based on weighted average life; spreads on agencies are relative to comparable-maturity Treasuries. CMBS is Commercial Mortgage-Backed Securities.

Credit Outperforms in Second Quarter Due to Massive Spread Tightening

1-3 Year Indices Second Quarter Returns



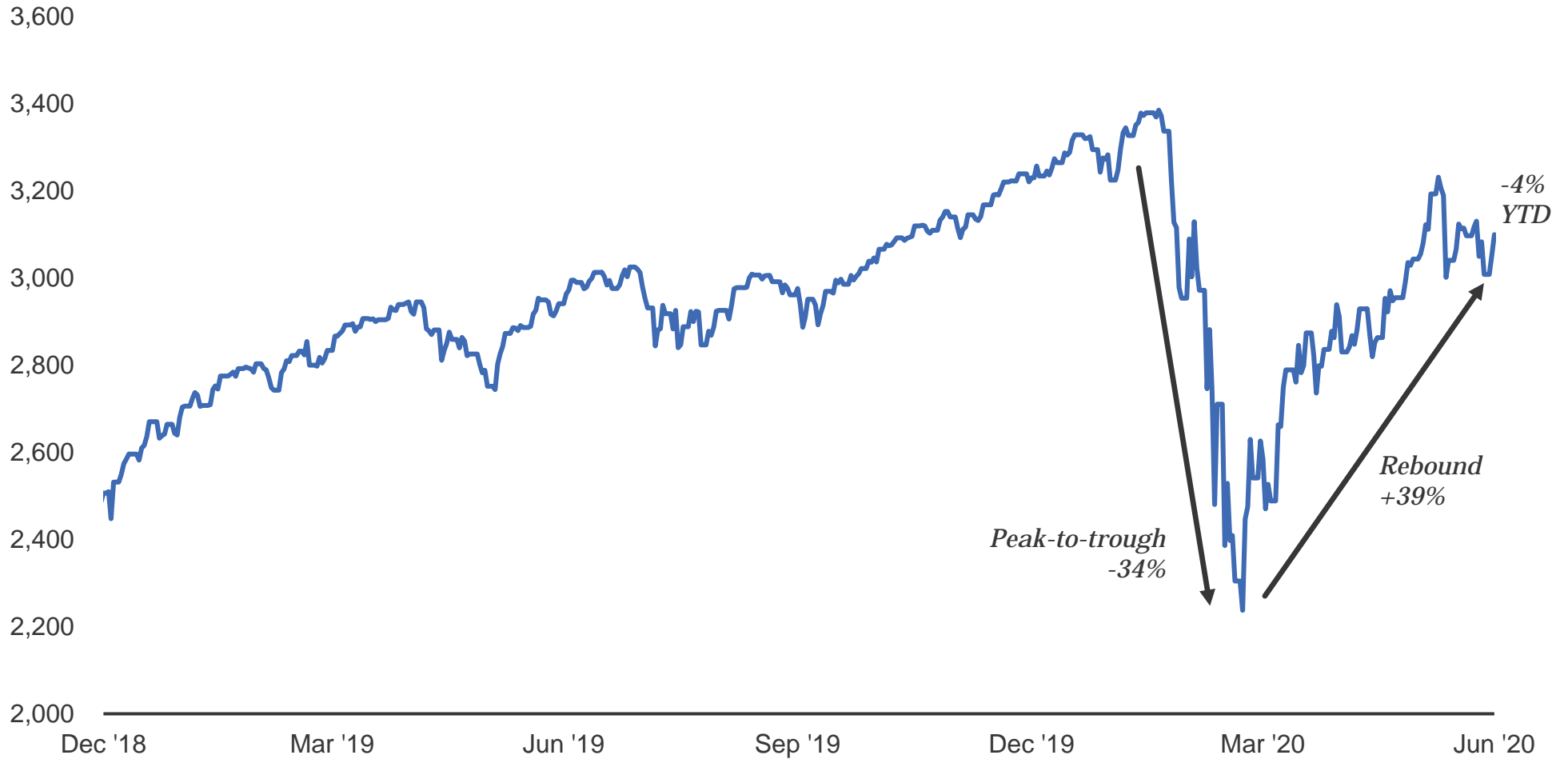
1-5 Year Indices Second Quarter Returns



Source: Bloomberg, as of 6/30/2020.

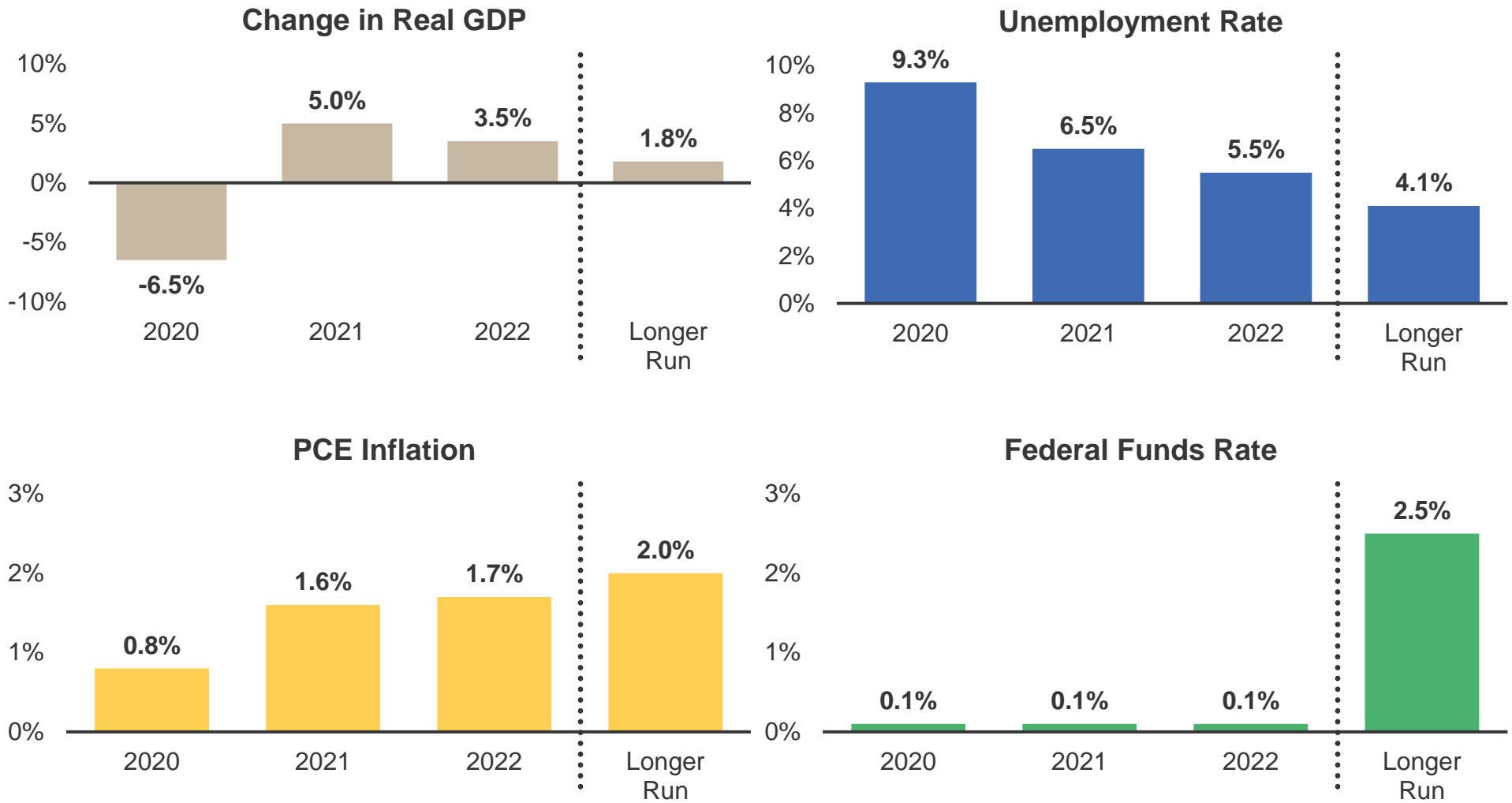
Stocks Staged an Impressive Rebound in Second Quarter After Pandemic-Driven Sell-Off

S&P 500 Price Change



Source: Bloomberg, as of 6/30/2020.

Fed's June Economic Projections Indicate Long Recovery Ahead



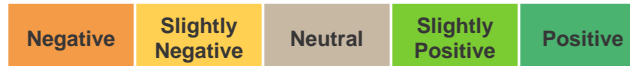
Source: Federal Reserve, economic projections as of June 2020.

Fixed Income Sector Outlook – July 2020

Sector	Our Investment Preferences
COMMERCIAL PAPER / CD	
TREASURIES	
T-Bill	
T-Note	
FEDERAL AGENCIES	
Bullets	
Callables	
SUPRANATIONALS	
CORPORATES	
Financials	
Industrials	
SECURITIZED	
Asset-Backed	
Agency Mortgage-Backed	
Agency CMBS	
MUNICIPALS	

● Current outlook

○ Outlook one month ago



Portfolio Review

Portfolio Recap

- ◆ Following the plunge in the U.S. Treasury yield curve during the first quarter, yields were relatively stable over the second quarter, leading to muted returns for Treasury indexes.
 - Yield spreads on all other asset classes retraced significantly from March's wide levels as unprecedented fiscal and monetary stimulus helped support the economy and financial markets.
 - In stark contrast to the first quarter, allocations to corporates, asset-backed securities (ABS), and mortgage-backed securities (MBS) were all strongly additive to performance in the second quarter.
- ◆ PFM's strategy for the second quarter encompassed the following:
 - We remained proactive in response to the market effects and uncertainty created by the pandemic. We continued to apply our strong credit process, reassessing every issuer for the short- and intermediate-term impact of the disrupted economy. As financial markets began to normalize during the second quarter, investment-grade issuers on PFM's approved issuer list were carefully vetted, with many issuers gradually reapproved.
 - The portfolio duration was maintained in line with the benchmark—a strategy consistent with high levels of market uncertainty as well as expectations that rates will remain low for a prolonged period. Our neutral duration strategy over the past 18 months has been an important element in sustaining performance as yields draw close to all-time lows.
 - Prior to the pandemic, portfolios were structured with increased liquidity and higher-than-normal allocations to U.S. Treasuries. As market conditions stabilized in the second quarter, we began to cautiously reallocate this excess liquidity into sectors and issuers that offered opportunities to safely enhance earnings.
 - Throughout much of the second quarter, yield spreads on federal agencies were wide and attractive, so we took this opportunity to add allocations back to the sector. As yields began to narrow back to pre-crisis lows, especially in maturities under three years, the portfolio benefited from incremental performance.
 - Both taxable and tax-exempt municipals generated positive excess returns for the quarter as the Fed implemented the Municipal Liquidity Facility to support issuance. This improved liquidity allayed investors' fears regarding public sector finances and triggered an increase in new supply, creating select opportunities to add high-quality issues to the portfolio where permitted.

Portfolio Recap

- Investment grade corporate bonds faced a multitude of uncertainties heading into the second quarter as economies were shut down and companies contended with growing concerns around revenue, profitability, liquidity, and sustainability. Aggressive Fed actions calmed the credit markets and restored liquidity, leading to a sharp tightening of the wide yield spreads from March. This allowed companies to bring a record amount of new issuance to market.
 - A key element to our strategy during the second quarter was to cautiously maintain overall exposure to the credit sector, emphasizing issuers with strong balance sheets and limited overseas exposure.
 - This strategy benefited the portfolio significantly as investment grade corporates significantly outperformed Treasuries during the second quarter and mostly offset the negative underperformance experienced in the first quarter.
- Agency MBS allocations modestly fell over the quarter, largely the result of a significant uptick in home refinancing activity as mortgage rates fell to all-time lows.
 - The Fed's unlimited Treasury and agency MBS purchase program brought some stabilization to mortgage markets, although spreads are still higher than pre-crisis levels. We remained selective of the MBS sector due to concerns over the stability and timing of future principal payments.
- The ABS sector was challenged by many unknowns during the second quarter as high unemployment threatened consumers' ability to make timely payments on credit cards and car loans. The Fed revived a program from 2009 to provide financing to eligible ABS investors, boosting confidence in the sector. In addition, new deals were structured with increased credit enhancements.
 - PFM generally avoided new exposure to ABS during the quarter as risks and uncertainties appeared to outweigh the benefits. The outperformance of existing holdings boosted portfolio performance relative to benchmarks in the second half of the quarter.

Sector Allocation & Compliance

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

Security Type	Market Value	% of Portfolio	% Change vs. 3/31/20	Permitted by Policy	In Compliance
U.S. Treasury	\$46,766,660	12.1%	-6.7%	100%	✓
Federal Agency	\$34,890,768	9.0%	5.3%	100%	✓
Federal Agency CMOs	\$12,227,110	3.2%	-0.5%	20%	✓
Municipal Bonds	\$12,977,154	3.3%	0.6%	20%	✓
Supranationals	\$2,826,916	0.7%	-0.7%	30%	✓
Negotiable CDs	\$4,379,151	1.1%	-0.2%	30%	✓
Corporate Notes	\$9,784,145	2.5%	0.2%	30%	✓
Asset-Backed Securities	\$5,193,728	1.3%	-	20%	✓
Securities Sub-Total	\$129,045,631	33.3%			
Accrued Interest	\$608,932				
Securities Total	\$129,654,563				
LAIF	\$159,956,258	41.3%	-3.0%	225 Million ¹	✓
Bank Balances ²	\$98,477,911	25.4%	5.0%	100%	✓
Total Investments	\$388,088,732	100.0%			

Market values, excluding accrued interest. Detail may not add to total due to rounding. FY 2020 Statement of Investment Policy.

1. The maximum allowable LAIF balance is \$75 million per account. LAIF City: \$60.2 million. LAIF HPFA: \$41.3 million. LAIF Housing: \$58.4 million.

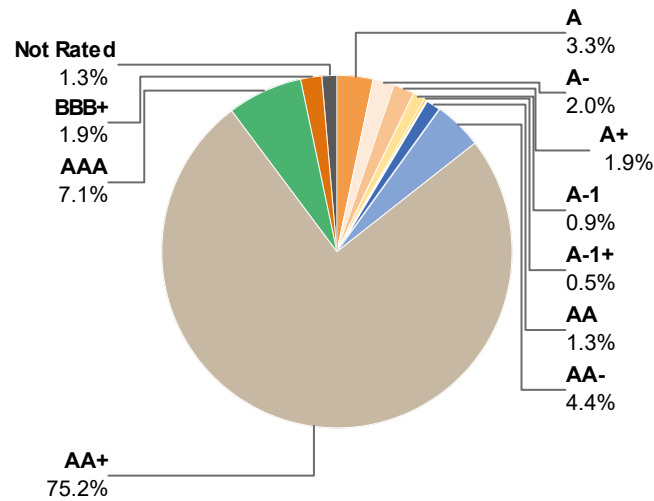
2. Bank Balances include the Bank of the West and JPM Chase.

Portfolio Statistics

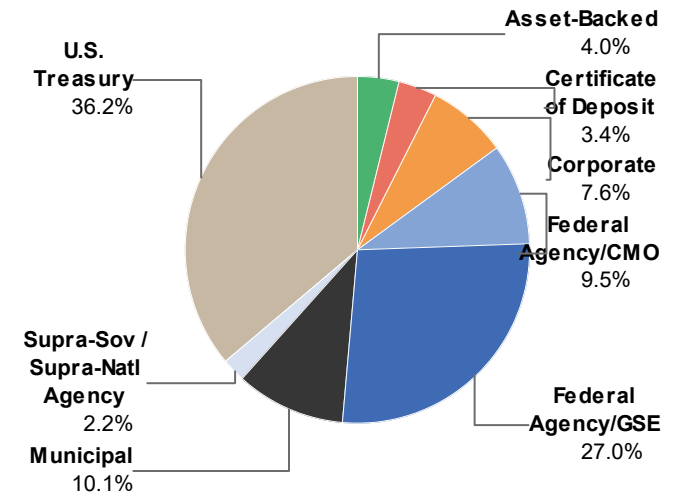
As of June 30, 2020

Par Value:	\$125,929,415
Total Market Value:	\$129,654,563
Security Market Value:	\$129,045,631
Accrued Interest:	\$608,932
Cash:	-
Amortized Cost:	\$126,196,574
Yield at Market:	0.49%
Yield at Cost:	1.80%
Effective Duration:	1.87 Years
Average Maturity:	2.04 Years
Average Credit: *	AA

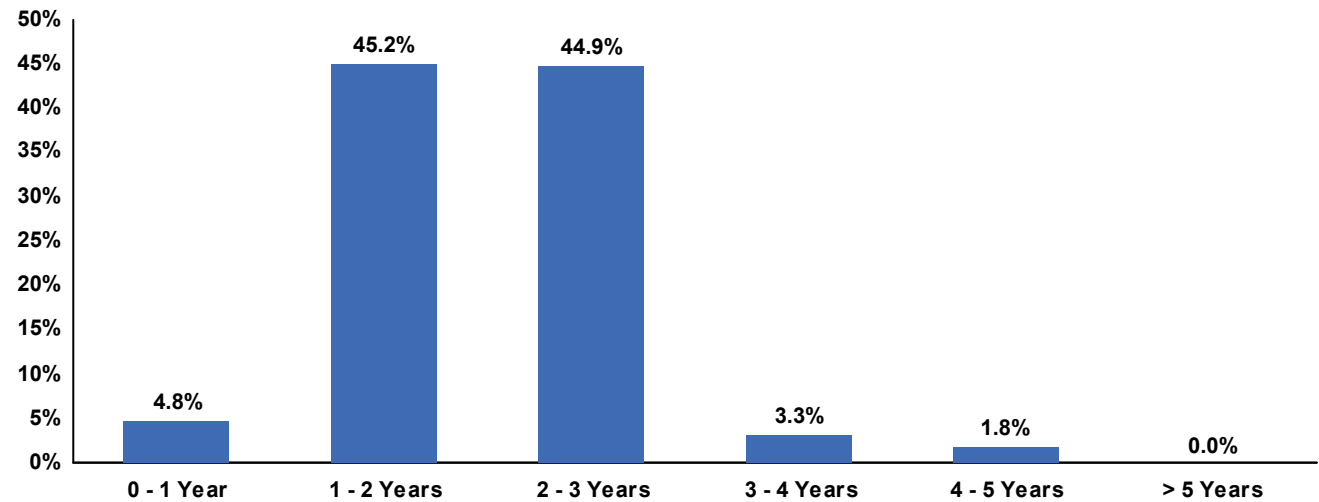
Credit Quality (S&P Ratings)**



Sector Allocation



Maturity Distribution

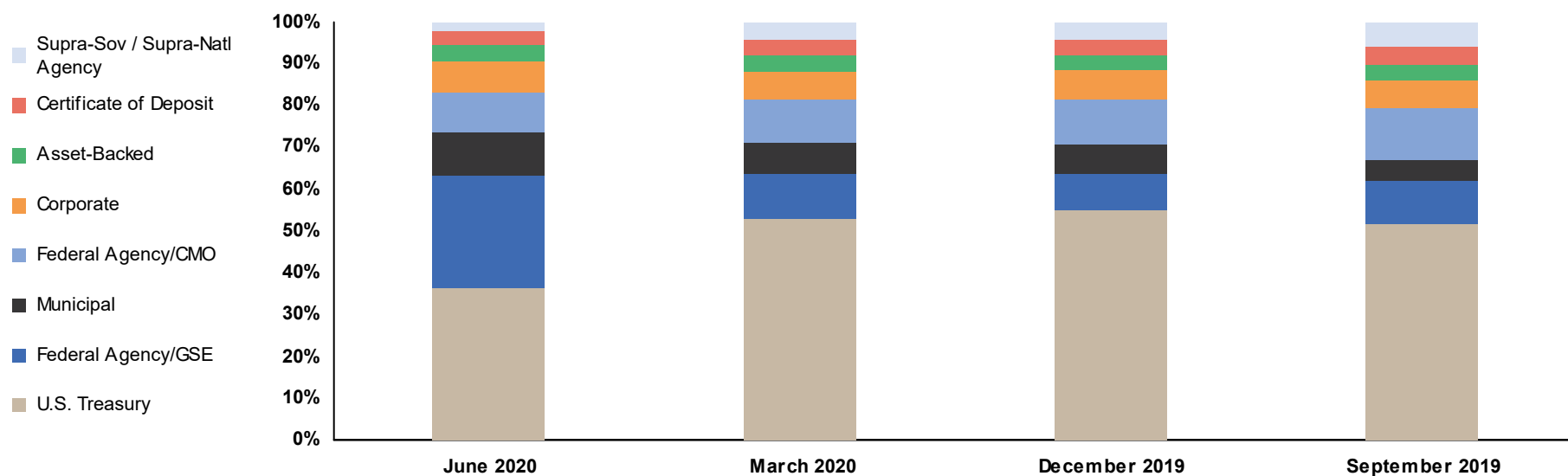


*An average of each security's credit rating assigned a numeric value and adjusted for its relative weighting in the portfolio.

**Securities held in the City's portfolio are in compliance with California Government Code and the City's FY 2020 Statement of Investment Policy.

Sector Allocation

Sector	June 30, 2020		March 31, 2020		December 31, 2019		September 30, 2019	
	MV (\$MM)	% of Total	MV (\$MM)	% of Total	MV (\$MM)	% of Total	MV (\$MM)	% of Total
U.S. Treasury	46.8	36.2%	67.3	52.9%	68.6	55.0%	65.4	51.7%
Federal Agency/GSE	34.9	27.0%	13.3	10.4%	10.9	8.7%	12.7	10.1%
Municipal	13.0	10.1%	9.8	7.7%	8.5	6.8%	6.4	5.1%
Federal Agency/CMO	12.2	9.5%	13.2	10.4%	13.7	11.0%	15.5	12.3%
Corporate	9.8	7.6%	8.3	6.5%	8.4	6.7%	8.4	6.6%
Asset-Backed	5.2	4.0%	5.2	4.1%	4.8	3.8%	4.7	3.8%
Certificate of Deposit	4.4	3.4%	4.9	3.9%	4.9	3.9%	5.5	4.4%
Supra-Sov / Supra-Natl Agency	2.8	2.2%	5.2	4.1%	5.1	4.1%	7.6	6.0%
Total	\$129.0	100.0%	\$127.2	100.0%	\$125.0	100.0%	\$126.2	100.0%

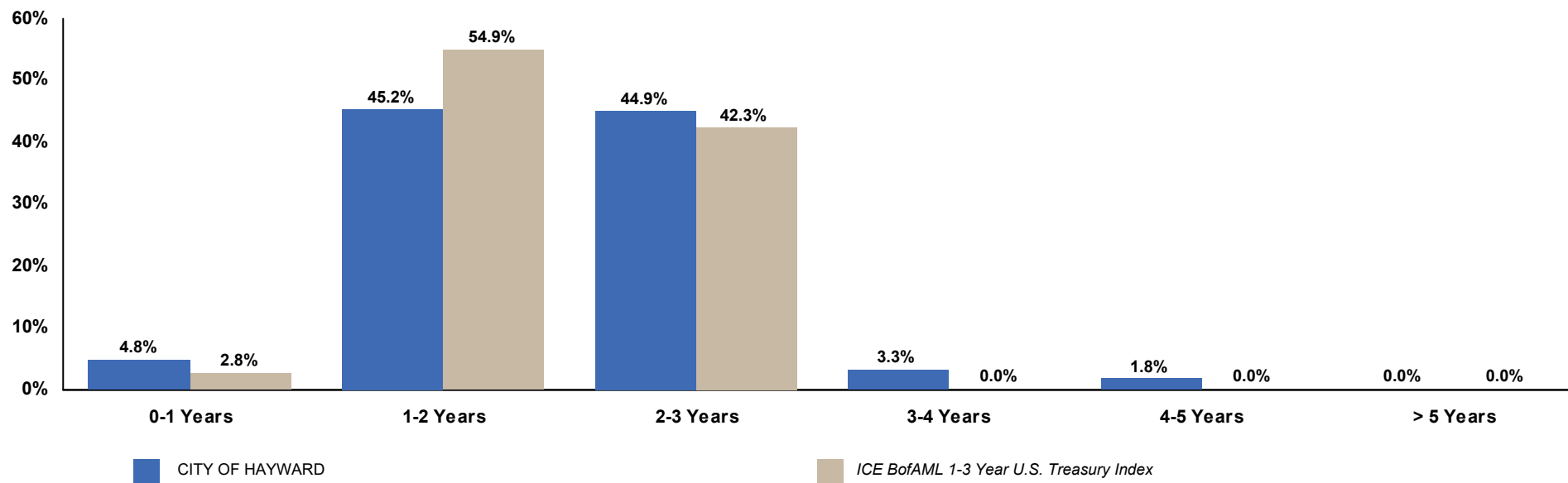


Detail may not add to total due to rounding.

Maturity Distribution

As of June 30, 2020

Portfolio/Benchmark	Yield at Market	Average Maturity	0-1 Years	1-2 Years	2-3 Years	3-4 Years	4-5 Years	>5 Years
CITY OF HAYWARD	0.49%	2.04 yrs	4.8%	45.2%	44.9%	3.3%	1.8%	0.0%
ICE BofAML 1-3 Year U.S. Treasury Index	0.17%	1.93 yrs	2.8%	54.9%	42.3%	0.0%	0.0%	0.0%



Sector/Issuer Distribution

As of June 30, 2020

Sector / Issuer	Market Value (\$)	% of Sector	% of Total Portfolio
Asset-Backed			
BMW FINANCIAL SERVICES NA LLC	111,012	2.1%	0.1%
CAPITAL ONE FINANCIAL CORP	616,290	11.9%	0.5%
CAPITAL ONE PRIME AUTO REC TRUST	179,616	3.5%	0.1%
CARMAX AUTO OWNER TRUST	874,701	16.8%	0.7%
FIFTH THIRD AUTO TRUST	220,347	4.2%	0.2%
FORD CREDIT AUTO LEASE TRUST	445,282	8.6%	0.3%
FORD CREDIT AUTO OWNER TRUST	204,683	3.9%	0.2%
GM FINANCIAL AUTO LEASING TRUST	293,612	5.7%	0.2%
GM FINANCIAL SECURITIZED TERM	353,521	6.8%	0.3%
HARLEY-DAVIDSON MOTORCYCLE TRUST	444,148	8.6%	0.3%
HONDA AUTO RECEIVABLES	174,667	3.4%	0.1%
HYUNDAI AUTO RECEIVABLES	409,272	7.9%	0.3%
NISSAN AUTO LEASE TRUST	201,673	3.9%	0.2%
NISSAN AUTO RECEIVABLES	206,206	4.0%	0.2%
VERIZON OWNER TRUST	153,698	3.0%	0.1%
VOLKSWAGEN AUTO LEASE TURST	305,000	5.9%	0.2%
Sector Total	5,193,728	100.0%	4.0%
Certificate of Deposit			
CREDIT AGRICOLE SA	610,801	13.9%	0.5%

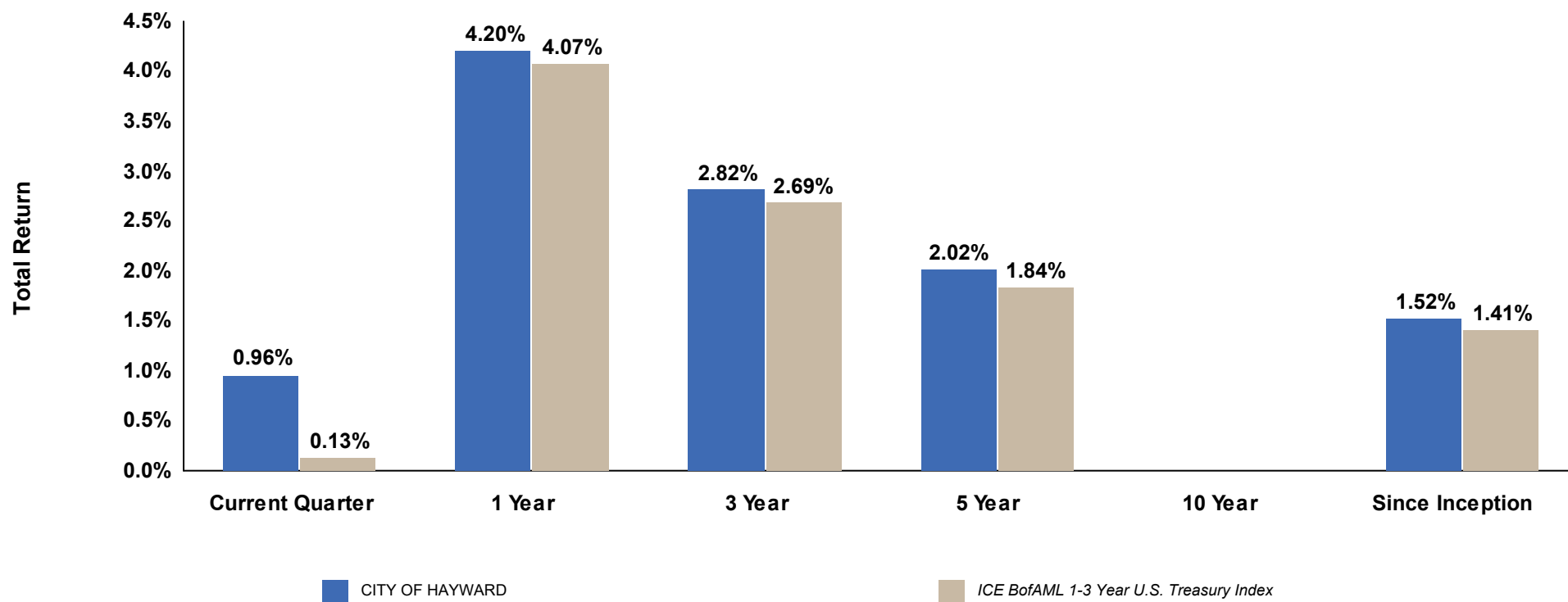
Sector / Issuer	Market Value (\$)	% of Sector	% of Total Portfolio
DNB ASA	648,888	14.8%	0.5%
MITSUBISHI UFJ FINANCIAL GROUP INC	610,889	13.9%	0.5%
NORDEA BANK AB	643,981	14.7%	0.5%
ROYAL BANK OF CANADA	616,751	14.1%	0.5%
SKANDINAVISKA ENSKILDA BANKEN AB	644,114	14.7%	0.5%
SOCIETE GENERALE	603,726	13.8%	0.5%
Sector Total	4,379,151	100.0%	3.4%
Corporate			
3M COMPANY	148,930	1.5%	0.1%
ADOBE INC	310,763	3.2%	0.2%
AMERICAN EXPRESS CO	613,587	6.3%	0.5%
AMERICAN HONDA FINANCE	616,418	6.3%	0.5%
BANK OF AMERICA CO	592,377	6.1%	0.5%
CATERPILLAR INC	669,511	6.8%	0.5%
CHARLES SCHWAB	240,264	2.5%	0.2%
CHEVRON CORPORATION	152,486	1.6%	0.1%
CITIGROUP INC	613,811	6.3%	0.5%
COMCAST CORP	166,359	1.7%	0.1%
DEERE & COMPANY	200,322	2.0%	0.2%
EXXON MOBIL CORP	153,616	1.6%	0.1%
GOLDMAN SACHS GROUP INC	608,314	6.2%	0.5%
HOME DEPOT INC	183,539	1.9%	0.1%
IBM CORP	313,775	3.2%	0.2%
JP MORGAN CHASE & CO	616,505	6.3%	0.5%

Sector / Issuer	Market Value (\$)	% of Sector	% of Total Portfolio
MORGAN STANLEY	616,491	6.3%	0.5%
PACCAR FINANCIAL CORP	478,221	4.9%	0.4%
PNC FINANCIAL SERVICES GROUP	324,662	3.3%	0.3%
THE BANK OF NEW YORK MELLON CORPORATION	309,018	3.2%	0.2%
TOYOTA MOTOR CORP	609,024	6.2%	0.5%
TRUIST FIN CORP	309,364	3.2%	0.2%
UNITED PARCEL SERVICE INC	310,520	3.2%	0.2%
US BANCORP	626,270	6.4%	0.5%
Sector Total	9,784,145	100.0%	7.6%
Federal Agency/CMO			
FANNIE MAE	2,317,911	19.0%	1.8%
FREDDIE MAC	9,909,199	81.0%	7.7%
Sector Total	12,227,110	100.0%	9.5%
Federal Agency/GSE			
FANNIE MAE	8,331,360	23.9%	6.5%
FEDERAL FARM CREDIT BANKS	7,035,270	20.2%	5.5%
FEDERAL HOME LOAN BANKS	7,279,204	20.9%	5.6%
FREDDIE MAC	12,244,934	35.1%	9.5%
Sector Total	34,890,768	100.0%	27.0%
Municipal			
ARIZONA ST TRANSPRTN BRD HIGHW	1,279,374	9.9%	1.0%

Sector / Issuer	Market Value (\$)	% of Sector	% of Total Portfolio
CALIFORNIA ST	3,115,919	24.0%	2.4%
CHAFFEY CA JT UNION HS DIST	616,416	4.8%	0.5%
LONG BEACH CA	942,282	7.3%	0.7%
MARYLAND ST	595,170	4.6%	0.5%
OREGON STATE	618,936	4.8%	0.5%
SAN DIEGO CA CMNTY CLG DIST	695,493	5.4%	0.5%
SAN JOSE CA	1,200,968	9.3%	0.9%
STATE OF CONNECTICUT	1,098,316	8.5%	0.9%
STATE OF LOUISIANA	637,152	4.9%	0.5%
STATE OF WASHINGTON	689,646	5.3%	0.5%
TAMALPAIS CA UNION HIGH SCH DIST	1,022,532	7.9%	0.8%
UNIVERSITY OF CALIFORNIA	464,951	3.6%	0.4%
Sector Total	12,977,154	100.0%	10.1%
Supra-Sov / Supra-Natl Agency			
INTER-AMERICAN DEVELOPMENT BANK	1,292,557	45.7%	1.0%
INTL BANK OF RECONSTRUCTION AND DEV	1,534,359	54.3%	1.2%
Sector Total	2,826,916	100.0%	2.2%
U.S. Treasury			
UNITED STATES TREASURY	46,766,660	100.0%	36.2%
Sector Total	46,766,660	100.0%	36.2%
Portfolio Total	129,045,631	100.0%	100.0%

Portfolio Performance (Total Return)

Portfolio/Benchmark	Effective Duration	Current Quarter	Annualized Return				Since Inception (09/30/12)
			1 Year	3 Year	5 Year	10 Year	
CITY OF HAYWARD	1.87	0.96%	4.20%	2.82%	2.02%	-	1.52%
ICE BofAML 1-3 Year U.S. Treasury Index	1.82	0.13%	4.07%	2.69%	1.84%	-	1.41%
Difference		0.83%	0.13%	0.13%	0.18%	-	0.11%



Portfolio performance is gross of fees unless otherwise indicated.

Portfolio Earnings*Quarter-Ended June 30, 2020*

	Market Value Basis	Accrual (Amortized Cost) Basis
Beginning Value (03/31/2020)	\$127,157,489.62	\$124,275,024.10
Net Purchases/Sales	\$1,305,574.64	\$1,305,574.64
Change in Value	\$582,566.68	\$615,975.56
Ending Value (06/30/2020)	\$129,045,630.94	\$126,196,574.30
Interest Earned	\$645,138.53	\$645,138.53
Portfolio Earnings	\$1,227,705.21	\$1,261,114.09

Investment Strategy Outlook

- ◆ A cloud of uncertainty hangs over the U.S. and global economies entering the second half of 2020. Economic data has rebounded significantly from April lows but remains well below pre-pandemic levels.
 - To recapture previous economic highs, it will be important that COVID-19 hotspots are contained so that public confidence can be restored. Considering these uncertainties, we plan on structuring portfolios to have neutral durations to their respective benchmarks.
- ◆ Our outlook for major investment grade sectors includes the following:
 - We plan to focus the majority of new federal agency purchases in maturities beyond three years as yield spreads on shorter maturities are now back near pre-pandemic levels. Some callable agencies also appear to have value given low yields and narrowing yield spreads.
 - Supranationals look expensive along most of the curve, although some shorter maturity issues offer decent yield pick-ups relative to agencies. New issues remain the preferred outlet for new allocations.
 - The investment grade corporate market should continue to benefit from Fed support moving into the third quarter. Yield spreads for shorter corporates are back to near pre-crisis levels, but the credit curve is relatively steep. As a result, longer maturity corporates appear attractive, as the “roll down” effect in the credit curve is back in play. We will continue our enhanced due diligence to track the progress of individual issuers as they navigate the recovery phase of the coronavirus pandemic.
 - ABS allocations are expected to remain stable. Liquidity has improved and spreads have narrowed due to Fed support. However, we continue to carefully follow consumer trends for signs of material deterioration in collateral performance.
 - The agency MBS sector continues to benefit from the Fed’s large-scale purchase program, which the central bank has signaled will continue in the coming months. However, near-term prepayment risk remains elevated in the low rate environment as refinancings remain robust. Allocations to the sector will likely be maintained, with additions focused on structures that mitigate prepayment risk.
 - While tax-exempt municipal spreads have narrowed to historical levels and are no longer attractive, taxable municipals appear to be one of the more attractive investment-grade sectors available for purchase. Value remains, and supply is expected to pick up over the coming months. As a result, we expect to add to the sector through participation in new issues.

Credit Discussion

Credit Management In Volatile Markets

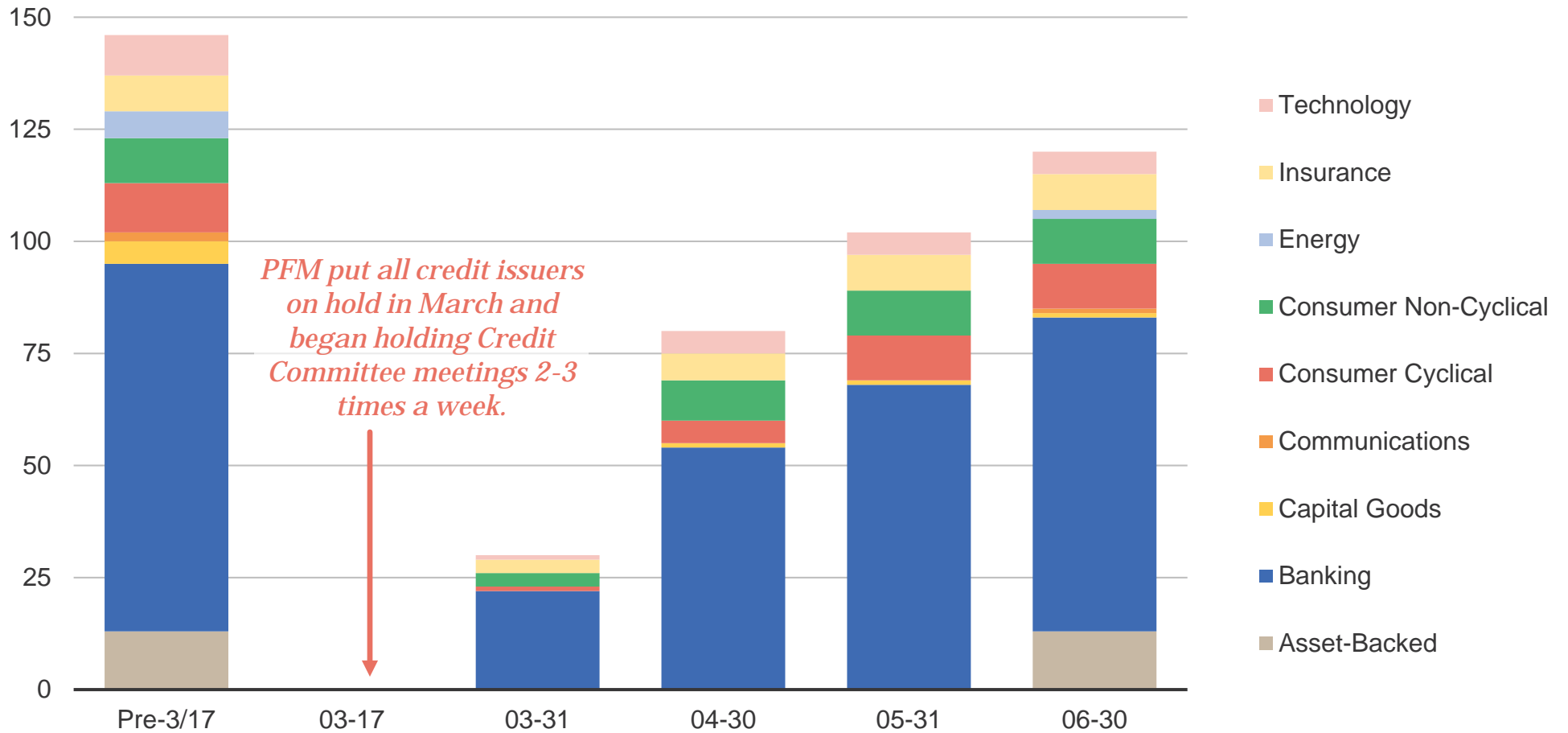
2008 Lehman Brothers Failure	2011/2012 European Debt Crisis	2016 Oil Shock	2016 Brexit Surprise	2020 COVID-19 Pandemic
<p>May 2006: Last Lehman holding matured</p> <p>2007 Q3: Placed Lehman on hold</p> <p>Portfolios were well-positioned to weather the impact of the failure</p> <p>Sep. 2008: Restricted purchases to government securities only</p> <p>Portfolio management team focused on liquidity</p>	<p>Monitored developments in Europe on an ongoing basis</p> <p>Some issuers are removed from credit list, others are placed on hold or restricted by maturity</p> <p>No exposure to Greece, Portugal, Italy, or Ireland</p>	<p>Placed restrictions on commodity producers early in cycle</p> <p>Restricted purchases and eliminated exposure to select lenders with outsized energy exposure</p> <p>Focused on fundamentally strong energy producers</p>	<p>Proactively identified issuers most vulnerable to Brexit</p> <p>Placed all credit purchases on hold following surprising result</p> <p>Reevaluated issuers for Brexit impacts and gradually reinstating all issuers except UK/Euro banks</p>	<p>Proactively identified issuers most vulnerable to the effects of the pandemic</p> <p>Placed all credit and ABS purchases on hold as the pandemic emerged and market uncertainty grew</p> <p>Increased the frequency of PFM Credit Committee meetings</p> <p>Reevaluated issuers for COVID impacts and gradually reinstating all issuers</p>

Navigating the Corporate Bond Market During the Pandemic

- Beginning in March, **caution was warranted** in investment-grade corporates and **safety and liquidity became paramount** as the sector suffered from **significant spread widening and lack of liquidity**.
- Heading into Q2, corporate bonds continued to **face many uncertainties**; PFM's Credit Committee **deep due diligence efforts** to re-review every issuer and industry.
- **Aggressive Fed support** calmed the credit markets and restored liquidity, leading to a **sharp retracement of the March yield spread widening** and a **record amount of issuance**, which was digested with ease.
- The sector **significantly outperformed Treasuries in Q2**, and **reversed most Q1 underperformance**.
- Investors were rewarded for **maintaining allocations** to the corporate sector as market conditions improved; **New issues also provided opportunities** to capitalize on wider than normal spreads, especially from issuers with stronger balance sheets and limited overseas exposure.
- **Fed support should continue to benefit the sector**; The credit curve has steepened, re-introducing the benefit of "roll-down," and longer maturity corporates appear attractive.

PFM's Proactive Response to the COVID-19 Crisis

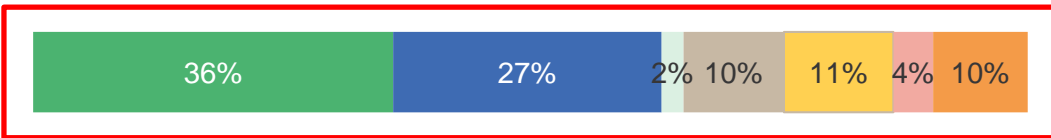
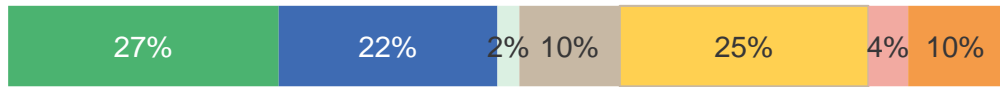
Breakdown of PFM's Approved Issuer List By Sector



Benefits of Increased Credit Allocation

Example 1-3 Year Portfolio Sector Allocation

5 Year Total Return Period Ending June 30, 2020



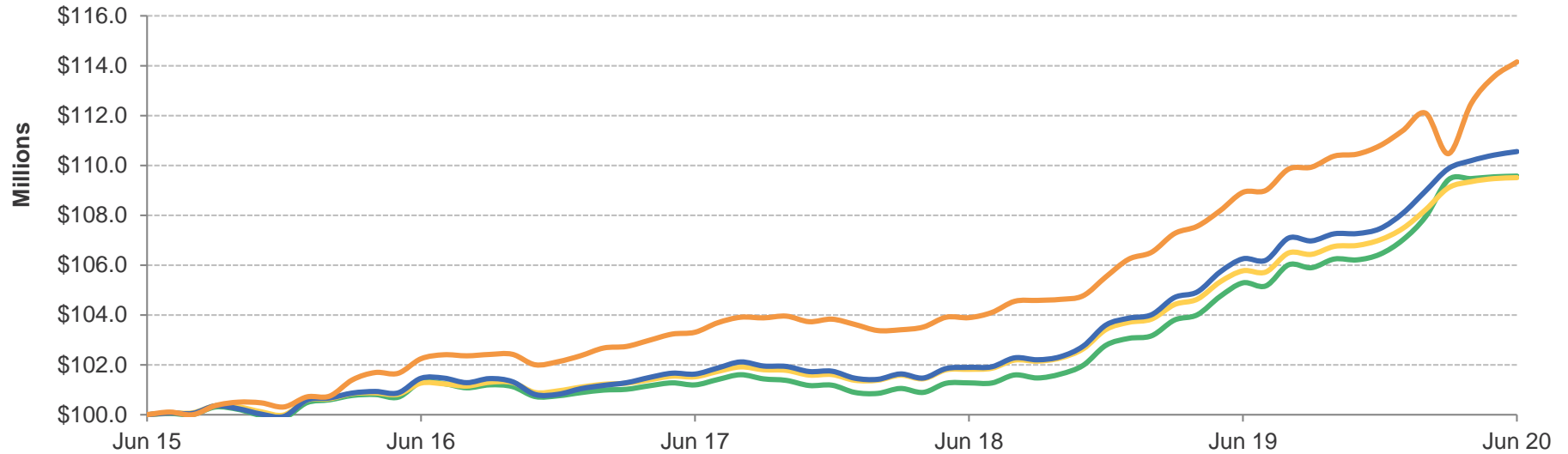
■ Treasury
 ■ Agency
 ■ Supranational
 ■ Muni
■ Corp (A-AAA)¹
 ■ ABS
 ■ MBS

The City's Current Allocation

Source: ICE BofAML Indices as of 6/30/2020. Returns for periods greater than one year are annualized.
 1. Negotiable CD allocation is included in the Corp (A-AAA) allocation.

Credit: An Opportunity to Enhance Earnings

Growth of \$100 Million
June 30, 2015 – June 30, 2020

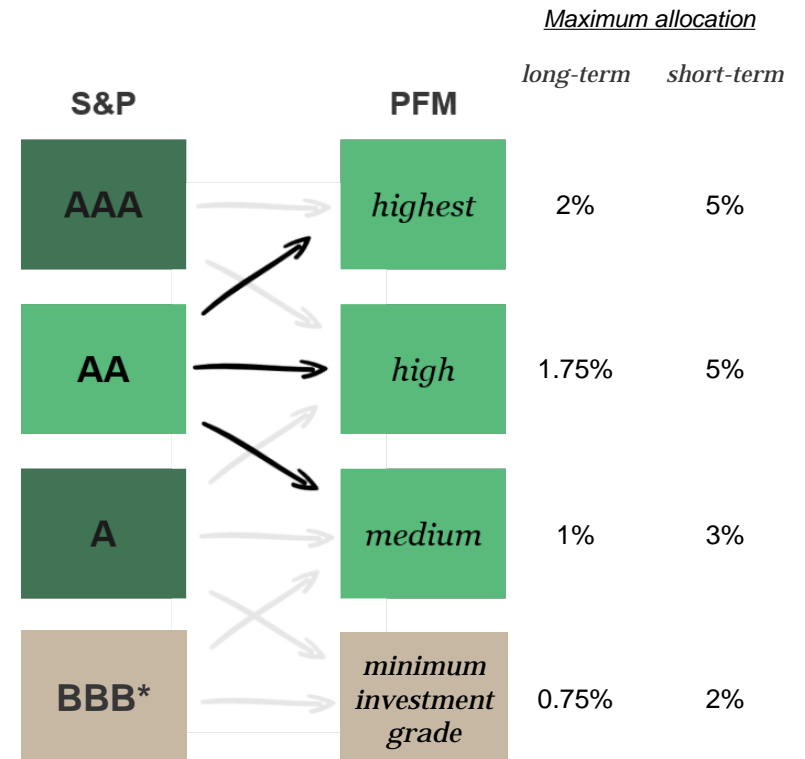


1-3 Year Index	Effective Duration	Yield	Total Return - Period Ended 6/30/2020			
			3 Month	1 Year	3 Years	5 Years
U.S. Treasury	1.89	0.17%	0.13%	4.05%	2.68%	1.84%
Agency	1.61	0.43%	0.37%	3.52%	2.55%	1.83%
Supranational	1.92	0.29%	0.62%	4.05%	2.84%	2.03%
Corp A-AAA	1.91	0.79%	3.33%	4.79%	3.38%	2.68%

Source: ICE BofAML Indices as of 6/30/2020. Rebalanced yields and durations shown. Returns for periods greater than one year are annualized.

PFM's Enhanced Approach to Evaluating Credit Risk

PHILOSOPHY
<ul style="list-style-type: none"> • Use credit to safely seek enhanced returns • Approach credit with a focus on prudent risk management • Conduct research “on the desk” by portfolio managers, traders, and analysts • Utilize proprietary models to maintain independence
CREDIT SCREENING PROCESS
<ul style="list-style-type: none"> • Determine universe of issuers • Narrow list based on ratings criteria, supply, and value • Industry screen – growth outlook and prospects, regulatory environment • Issuer screen – quantitative analysis, in-depth review of financials
IMPLEMENTATION AND MONITORING
<ul style="list-style-type: none"> • Maintain approved issuer universe with exposure and maturity horizon limits • Formal credit meetings with Chief Credit Officer, CIO, credit analysts, and traders • Proprietary assessment and mapping to PFM credit tiers • Ongoing evaluation with an emphasis on qualitative assessment



*BBB-rated securities are not permitted per California Government Code. For illustrative purposes only.

PFM's Credit Committee Process

Function and Responsibilities

- Manage credit risk
- Formal monthly meetings
- Intra-monthly meetings as needed
- Review macro events
- Review written credit reports, supporting material
- Monitor credit rating actions

Approved Client List

- Primary credit risk management tool
- Both short-term and long-term views
- Portfolio managers and traders restricted by approved list
- Restrictions integrated into trading and compliance systems
- Limits based on internal credit assessment combined with client needs and policies

Credit Committee	Role at PFM
Robert Cheddar, CFA* <i>Committee Chair</i>	Chief Credit Officer/ Head Portfolio Manager
Marty Margolis*	Chief Investment Officer
Ken Schiebel, CFA*	Head of Portfolio Strategies Group
Michael Varano*	Head Portfolio Manager, LGIPs
Joseph Creason, CFA	Sr. Portfolio Manager
Michael Downs, CFA	Portfolio Manager
Brain Raubenstine	Sr. Portfolio Manager
Jeffrey Rowe, CFA*	Sr. Portfolio Manager
Kerri Staub	Portfolio Manager
Kyle Jones*	Director of Portfolio Strategies Group
Leo Karwejna (ex-officio)*	Chief Compliance Officer

*Denotes Managing Director

Portfolio Transactions

Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
BUY									
4/2/20	4/8/20	1,900,000	3133ELVV3	FFCB NOTES (CALLABLE)	0.95%	4/8/22	1,900,000.00	0.95%	
4/3/20	4/8/20	2,550,000	3133ELWD2	FEDERAL FARM CREDIT BANK NOTES	0.37%	4/8/22	2,546,226.00	0.45%	
4/17/20	4/20/20	3,825,000	3137EAEQ8	FREDDIE MAC NOTES	0.37%	4/20/23	3,815,437.50	0.46%	
4/17/20	4/22/20	600,000	13063DUV8	CA ST T/E GO BONDS	5.00%	3/1/22	644,070.00	1.00%	
4/17/20	4/24/20	1,285,000	4581X0DM7	INTER-AMERICAN DEVEL BK CORPORATE NOTES	0.50%	5/24/23	1,284,563.10	0.51%	
4/21/20	4/22/20	600,000	546417DK9	LA ST T/E GO BONDS	5.00%	11/15/21	640,460.67	1.01%	
4/23/20	4/29/20	605,000	93974EHJ8	WA ST T/E GO BONDS	5.00%	7/1/23	679,759.85	1.03%	
4/27/20	4/29/20	575,000	89236TGW9	TOYOTA MOTOR CREDIT CORP CORPORATE NOTES	2.90%	3/30/23	602,884.94	1.28%	
5/1/20	5/5/20	500,000	574193PK8	MD ST T/E GO BONDS	5.00%	8/1/24	590,452.78	0.95%	
5/5/20	5/7/20	2,410,000	3137EAER6	FREDDIE MAC NOTES	0.37%	5/5/23	2,408,987.80	0.39%	
5/7/20	5/11/20	150,000	20030NCR0	COMCAST CORP CORPORATE NOTES	3.70%	4/15/24	164,739.33	1.20%	
5/7/20	5/11/20	150,000	166764BV1	CHEVRON CORP CORPORATE NOTES	1.14%	5/11/23	150,000.00	1.14%	
5/7/20	5/14/20	300,000	172967MR9	CITIGROUP INC CORPORATE NOTES	1.67%	5/15/24	300,000.00	1.68%	
5/12/20	5/14/20	150,000	30231GBL5	EXXON MOBIL CORPORATION CORPORATE NOTES	1.57%	4/15/23	152,061.83	1.14%	
5/20/20	5/22/20	2,550,000	3135G04Q3	FANNIE MAE NOTES	0.25%	5/22/23	2,542,324.50	0.35%	
5/29/20	6/11/20	305,000	20772KJU4	CT ST TXBL GO BONDS	2.50%	7/1/22	310,130.10	1.66%	
6/1/20	6/4/20	200,000	24422EVH9	JOHN DEERE CAPITAL CORP CORPORATE NOTES	0.70%	7/5/23	199,836.00	0.73%	
6/1/20	6/8/20	175,000	69371RQ82	PACCAR FINANCIAL CORP CORPORATE NOTES	0.80%	6/8/23	174,756.75	0.85%	
6/2/20	6/3/20	1,550,000	3135G04Q3	FANNIE MAE NOTES	0.25%	5/22/23	1,547,405.90	0.31%	
6/2/20	6/3/20	1,750,000	3137EAER6	FREDDIE MAC NOTES	0.37%	5/5/23	1,754,078.96	0.30%	
6/3/20	6/4/20	2,575,000	3133ELE75	FEDERAL FARM CREDIT BANK NOTES	0.25%	6/2/22	2,573,300.21	0.28%	
6/12/20	6/16/20	1,900,000	3134GVR67	FREDDIE MAC NOTES	0.50%	6/16/23	1,900,000.00	0.50%	
6/12/20	6/25/20	750,000	20772KKE8	CT ST T/E GO BONDS	3.00%	6/1/22	784,837.50	0.58%	
6/24/20	6/26/20	2,340,000	3137EAES4	FREDDIE MAC NOTES	0.25%	6/26/23	2,333,167.20	0.35%	

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
Total BUY		29,695,000					29,999,480.92		
INTEREST									
4/1/20	4/1/20	1,425,000	13063DGA0	CA ST TXBL GO BONDS	2.80%	4/1/21	19,950.00		
4/1/20	4/1/20	1,000,000	13063DAC2	CA ST TXBL GO BONDS	2.62%	4/1/21	13,125.00		
4/1/20	4/1/20	590,000	06051GGS2	BANK OF AMERICA CORP (CALLABLE)	2.32%	10/1/21	6,867.60		
4/1/20	4/25/20	930,176	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	1,227.06		
4/1/20	4/25/20	263,878	3137FKK70	FHMS KJ23 A1	3.17%	3/1/22	697.96		
4/1/20	4/25/20	807,779	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	1,534.78		
4/1/20	4/25/20	495,267	3137FQ3V3	FHMS KJ27 A1	2.09%	7/25/24	863.42		
4/1/20	4/25/20	600,000	3137BLUR7	FHLMC MULTIFAMILY STRUCTURED P	2.71%	6/1/22	1,358.00		
4/1/20	4/25/20	747,710	3137B6ZM6	FHMS K714 A2	3.03%	10/1/20	1,890.46		
4/1/20	4/25/20	355,472	3137FKK39	FHMS KP05 A	3.20%	7/1/23	948.82		
4/1/20	4/25/20	1,250,000	3137AWQH1	FHLMC MULTIFAMILY STRUCTURED P	2.30%	8/1/22	2,403.13		
4/1/20	4/25/20	320,208	3137FJYA1	FHMS J22F A1	3.45%	5/1/23	921.67		
4/1/20	4/25/20	1,250,000	3137BHXY8	FHLMC MULTIFAMILY STRUCTURED P	2.79%	1/1/22	2,907.29		
4/1/20	4/25/20	1,797,386	3137AVXN2	FHLMC MULTIFAMILY STRUCTURED P	2.35%	7/1/22	3,527.37		
4/1/20	4/25/20	593,436	3137ASNJ9	FHMS K019 A2	2.27%	3/1/22	1,123.57		
4/1/20	4/25/20	98,561	3137AA4V2	FHLMC SERIES K013 A1	2.90%	8/1/20	238.35		
4/1/20	4/25/20	526,308	3136B1XP4	FNA 2018-M5 A2	3.56%	9/1/21	1,572.09		
4/1/20	4/25/20	214,335	3137BLUQ9	FHMS K720 A1	2.31%	11/1/21	413.67		
4/1/20	4/25/20	1,125,377	3136ACGJ4	FANNIEMAE-ACES	2.50%	11/1/22	2,568.11		
4/1/20	4/25/20	1,565,000	3137B1BS0	FHLMC MULTIFAMILY STRUCTURED P	2.51%	11/1/22	3,273.46		
4/6/20	4/6/20	600,000	22535CDU2	CREDIT AGRICOLE CIB NY CERT DEPOS	2.83%	4/2/21	17,357.33		
4/12/20	4/12/20	2,425,000	3130AF5B9	FEDERAL HOME LOAN BANKS NOTES	3.00%	10/12/21	36,375.00		
4/15/20	4/15/20	250,000	44932NAD2	HYUNDAI AUTO RECEIVABLES TRUST	2.66%	6/15/23	554.17		
4/15/20	4/15/20	5,250,000	912828YK0	UNITED STATES TREASURY NOTES	1.37%	10/15/22	36,093.75		
4/15/20	4/15/20	285,000	14313FAD1	CARMAX AUTO OWNER TRUST	3.13%	6/15/23	743.38		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
4/15/20	4/15/20	215,000	31680YAD9	FIFTH THIRD AUTO TRUST	2.64%	12/15/23	473.00		
4/15/20	4/15/20	200,000	65478NAD7	NAROT 2018-C A3	3.22%	6/15/23	536.67		
4/15/20	4/15/20	200,000	34532TAD4	FORD CREDIT AUTO OWNER TRUST	3.24%	4/15/23	540.00		
4/15/20	4/15/20	245,000	34532FAD4	FORDL 2019-A A3	2.90%	5/15/22	592.08		
4/15/20	4/15/20	230,000	34531LAD2	FORDL 2018-B A3	3.19%	12/15/21	611.42		
4/15/20	4/15/20	135,000	41284UAD6	HDMOT 2020-A A3	1.87%	10/15/24	210.38		
4/15/20	4/15/20	600,000	14041NFU0	COMET 2019-A2 A2	1.72%	8/15/24	860.00		
4/15/20	4/15/20	225,000	65478BAD3	NISSAN AUTO LEASE TRUST	3.25%	9/15/21	609.38		
4/15/20	4/15/20	175,000	14042WAC4	COPAR 2019-1 A3	2.51%	11/15/23	366.04		
4/15/20	4/15/20	345,000	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/24	543.38		
4/15/20	4/15/20	7,221	02007PAC7	ALLY ABS 2017-1 A3	1.70%	6/15/21	10.23		
4/15/20	4/15/20	150,000	44933AAC1	HART 2018-B A3	3.20%	12/15/22	400.00		
4/15/20	4/15/20	225,000	14315EAC4	CARMAX AUTO OWNER TRUST	3.36%	9/15/23	630.00		
4/15/20	4/15/20	300,000	41284WAC4	HDMOT 2019-A A3	2.34%	2/15/24	585.00		
4/16/20	4/16/20	600,000	86565BPC9	SUMITOMO MITSUI BANK NY CERT DEPOS	3.39%	10/16/20	10,339.50		
4/16/20	4/16/20	345,000	36257FAD2	GMCAR 2019-2 A3	2.65%	2/16/24	761.88		
4/18/20	4/18/20	170,000	43814WAC9	HAROT 2019-1 A3	2.83%	3/20/23	400.92		
4/19/20	4/19/20	1,400,000	4581X0DB1	INTER-AMERICAN DEVELOPMENT BANK NOTE	2.62%	4/19/21	18,375.00		
4/20/20	4/20/20	200,000	36256UAD0	GMALT 2019-1 A3	2.98%	12/20/21	496.67		
4/20/20	4/20/20	125,000	05586CAC8	BMWLT 2018-1 A3	3.26%	7/20/21	339.58		
4/20/20	4/20/20	130,771	36256GAD1	GMALT 2018-3 A3	3.18%	6/20/21	346.54		
4/20/20	4/20/20	150,000	92348TAA2	VZOT 2020-A A1A	1.85%	7/22/24	231.25		
4/20/20	4/20/20	300,000	92867XAD8	VWALT 2019-A A3	1.99%	11/21/22	497.50		
4/21/20	4/21/20	300,000	61746BEA0	MORGAN STANLEY CORP NOTES	2.50%	4/21/21	3,750.00		
4/26/20	4/26/20	600,000	38141GWC4	GOLDMAN SACHS GROUP INC (CALLABLE) NOTE	3.00%	4/26/22	9,000.00		
4/30/20	4/30/20	7,100,000	912828T67	US TREASURY NOTES	1.25%	10/31/21	44,375.00		
5/1/20	5/25/20	600,000	3137BLUR7	FHLMC MULTIFAMILY STRUCTURED P	2.71%	6/1/22	1,358.00		
5/1/20	5/25/20	1,250,000	3137AWQH1	FHLMC MULTIFAMILY STRUCTURED P	2.30%	8/1/22	2,403.13		
5/1/20	5/25/20	591,988	3137ASNJ9	FHMS K019 A2	2.27%	3/1/22	1,120.83		
5/1/20	5/25/20	205,443	3137BLUQ9	FHMS K720 A1	2.31%	11/1/21	396.51		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
5/1/20	5/25/20	74,861	3137AA4V2	FHLMC SERIES K013 A1	2.90%	8/1/20	181.04		
5/1/20	5/25/20	1,797,386	3137AVXN2	FHLMC MULTIFAMILY STRUCTURED P	2.35%	7/1/22	3,527.37		
5/1/20	5/25/20	260,847	3137FKK70	FHMS KJ23 A1	3.17%	3/1/22	689.94		
5/1/20	5/25/20	494,475	3137FQ3V3	FHMS KJ27 A1	2.09%	7/25/24	1,128.51		
5/1/20	5/25/20	1,250,000	3137BHXY8	FHLMC MULTIFAMILY STRUCTURED P	2.79%	1/1/22	2,907.29		
5/1/20	5/25/20	806,165	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	1,970.81		
5/1/20	5/25/20	1,565,000	3137B1BS0	FHLMC MULTIFAMILY STRUCTURED P	2.51%	11/1/22	3,273.46		
5/1/20	5/25/20	895,484	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	1,181.29		
5/1/20	5/25/20	1,093,200	3136ACGJ4	FANNIEMAE-ACES	2.50%	11/1/22	2,470.13		
5/1/20	5/25/20	318,050	3137FJYA1	FHMS J22F A1	3.45%	5/1/23	9,273.47		
5/1/20	5/25/20	517,999	3136B1XP4	FNA 2018-M5 A2	3.56%	9/1/21	1,638.98		
5/1/20	5/25/20	666,757	3137B6ZM6	FHMS K714 A2	3.03%	10/1/20	1,685.78		
5/1/20	5/25/20	334,369	3137FKK39	FHMS KP05 A	3.20%	7/1/23	892.49		
5/5/20	5/5/20	200,000	025816BY4	AMERICAN EXPRESS CREDIT CORP NOTES	3.70%	11/5/21	3,700.00		
5/13/20	5/13/20	300,000	459200JX0	IBM CORP	2.85%	5/13/22	4,275.00		
5/15/20	5/15/20	600,000	546417DK9	LA ST T/E GO BONDS	5.00%	11/15/21	5,333.33		
5/15/20	5/15/20	285,000	14313FAD1	CARMAX AUTO OWNER TRUST	3.13%	6/15/23	743.38		
5/15/20	5/15/20	215,000	31680YAD9	FIFTH THIRD AUTO TRUST	2.64%	12/15/23	473.00		
5/15/20	5/15/20	2,579	02007PAC7	ALLY ABS 2017-1 A3	1.70%	6/15/21	3.65		
5/15/20	5/15/20	300,000	41284WAC4	HDMOT 2019-A A3	2.34%	2/15/24	585.00		
5/15/20	5/15/20	225,000	65478BAD3	NISSAN AUTO LEASE TRUST	3.25%	9/15/21	609.38		
5/15/20	5/15/20	345,000	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/24	543.38		
5/15/20	5/15/20	455,000	91412HBH5	UNIV OF CAL TXBL REV BONDS	3.02%	5/15/21	6,890.98		
5/15/20	5/15/20	250,000	44932NAD2	HYUNDAI AUTO RECEIVABLES TRUST	2.66%	6/15/23	554.17		
5/15/20	5/15/20	135,000	41284UAD6	HDMOT 2020-A A3	1.87%	10/15/24	210.38		
5/15/20	5/15/20	245,000	34532FAD4	FORDL 2019-A A3	2.90%	5/15/22	592.08		
5/15/20	5/15/20	150,000	44933AAC1	HART 2018-B A3	3.20%	12/15/22	400.00		
5/15/20	5/15/20	600,000	68607DTT2	OR ST DEPT OF TRANS TXBL REV BONDS	1.85%	11/15/22	5,410.42		
5/15/20	5/15/20	225,000	14315EAC4	CARMAX AUTO OWNER TRUST	3.36%	9/15/23	630.00		
5/15/20	5/15/20	227,524	34531LAD2	FORDL 2018-B A3	3.19%	12/15/21	604.83		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
5/15/20	5/15/20	600,000	14041NFU0	COMET 2019-A2 A2	1.72%	8/15/24	860.00		
5/15/20	5/15/20	175,000	14042WAC4	COPAR 2019-1 A3	2.51%	11/15/23	366.04		
5/15/20	5/15/20	200,000	65478NAD7	NAROT 2018-C A3	3.22%	6/15/23	536.67		
5/15/20	5/15/20	200,000	34532TAD4	FORD CREDIT AUTO OWNER TRUST	3.24%	4/15/23	540.00		
5/16/20	5/16/20	345,000	36257FAD2	GMCAR 2019-2 A3	2.65%	2/16/24	761.88		
5/16/20	5/16/20	300,000	911312BC9	UNITED PARCEL SERVICE (CALLABLE) NOTES	2.35%	5/16/22	3,525.00		
5/18/20	5/18/20	170,000	43814WAC9	HAROT 2019-1 A3	2.83%	3/20/23	400.92		
5/19/20	5/19/20	300,000	61744YAH1	MORGAN STANLEY CORP NOTES	2.75%	5/19/22	4,125.00		
5/20/20	5/20/20	125,000	05586CAC8	BMWLT 2018-1 A3	3.26%	7/20/21	339.58		
5/20/20	5/20/20	200,000	36256UAD0	GMALT 2019-1 A3	2.98%	12/20/21	496.67		
5/20/20	5/20/20	300,000	92867XAD8	VWALT 2019-A A3	1.99%	11/21/22	497.50		
5/20/20	5/20/20	114,033	36256GAD1	GMALT 2018-3 A3	3.18%	6/20/21	302.19		
5/20/20	5/20/20	150,000	92348TAA2	VZOT 2020-A A1A	1.85%	7/22/24	231.25		
5/21/20	5/21/20	235,000	808513AW5	CHARLES SCHWAB CORP NOTES	3.25%	5/21/21	3,818.75		
5/24/20	5/24/20	1,285,000	4581X0DM7	INTER-AMERICAN DEVEL BK CORPORATE NOTES	0.50%	5/24/23	535.42		
6/1/20	6/25/20	1,250,000	3137BHXY8	FHLMC MULTIFAMILY STRUCTURED P	2.79%	1/1/22	2,907.29		
6/1/20	6/25/20	858,746	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	1,132.83		
6/1/20	6/25/20	1,073,239	3136ACGJ4	FANNIEMAE-ACES	2.50%	11/1/22	2,421.50		
6/1/20	6/25/20	476,020	3136B1XP4	FNA 2018-M5 A2	3.56%	9/1/21	1,427.47		
6/1/20	6/25/20	1,797,386	3137AVXN2	FHLMC MULTIFAMILY STRUCTURED P	2.35%	7/1/22	3,527.37		
6/1/20	6/25/20	483,060	3137FQ3V3	FHMS KJ27 A1	2.09%	7/25/24	842.13		
6/1/20	6/25/20	600,000	3137BLUR7	FHLMC MULTIFAMILY STRUCTURED P	2.71%	6/1/22	1,358.00		
6/1/20	6/25/20	195,984	3137BLUQ9	FHMS K720 A1	2.31%	11/1/21	378.25		
6/1/20	6/25/20	49,485	3137AA4V2	FHLMC SERIES K013 A1	2.90%	8/1/20	119.67		
6/1/20	6/25/20	590,449	3137ASNJ9	FHMS K019 A2	2.27%	3/1/22	1,117.92		
6/1/20	6/25/20	1,250,000	3137AWQH1	FHLMC MULTIFAMILY STRUCTURED P	2.30%	8/1/22	2,403.13		
6/1/20	6/25/20	1,565,000	3137B1BS0	FHLMC MULTIFAMILY STRUCTURED P	2.51%	11/1/22	3,273.46		
6/1/20	6/25/20	214,702	3137FJYA1	FHMS J22F A1	3.45%	5/1/23	1,616.28		
6/1/20	6/25/20	333,746	3137FKK39	FHMS KP05 A	3.20%	7/1/23	890.82		
6/1/20	6/25/20	257,380	3137FKK70	FHMS KJ23 A1	3.17%	3/1/22	680.77		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
6/1/20	6/25/20	766,692	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	1,754.68		
6/1/20	6/25/20	546,964	3137B6ZM6	FHMS K714 A2	3.03%	10/1/20	1,382.91		
6/2/20	6/2/20	625,000	23341VZT1	DNB BANK ASA/NY LT CD	2.04%	12/2/22	6,339.58		
6/7/20	6/7/20	600,000	78012UEE1	ROYAL BANK OF CANADA NY CD	3.24%	6/7/21	9,720.00		
6/8/20	6/8/20	300,000	69353RFL7	PNC BANK NA CORP NOTES	3.50%	6/8/23	5,250.00		
6/8/20	6/8/20	300,000	172967LC3	CITIGROUP INC CORP (CALLABLE) NOTE	2.90%	12/8/21	4,350.00		
6/10/20	6/10/20	2,475,000	313379Q69	FEDERAL HOME LOAN BANK	2.12%	6/10/22	26,296.88		
6/15/20	6/15/20	285,000	14313FAD1	CARMAX AUTO OWNER TRUST	3.13%	6/15/23	743.38		
6/15/20	6/15/20	215,987	34531LAD2	FORDL 2018-B A3	3.19%	12/15/21	574.16		
6/15/20	6/15/20	175,000	14042WAC4	COPAR 2019-1 A3	2.51%	11/15/23	366.04		
6/15/20	6/15/20	245,000	34532FAD4	FORDL 2019-A A3	2.90%	5/15/22	592.08		
6/15/20	6/15/20	600,000	14041NFU0	COMET 2019-A2 A2	1.72%	8/15/24	860.00		
6/15/20	6/15/20	224,661	65478BAD3	NISSAN AUTO LEASE TRUST	3.25%	9/15/21	608.46		
6/15/20	6/15/20	200,000	65478NAD7	NAROT 2018-C A3	3.22%	6/15/23	536.67		
6/15/20	6/15/20	200,000	34532TAD4	FORD CREDIT AUTO OWNER TRUST	3.24%	4/15/23	540.00		
6/15/20	6/15/20	150,000	44933AAC1	HART 2018-B A3	3.20%	12/15/22	400.00		
6/15/20	6/15/20	250,000	44932NAD2	HYUNDAI AUTO RECEIVABLES TRUST	2.66%	6/15/23	554.17		
6/15/20	6/15/20	345,000	14315XAC2	CARMX 2020-1 A3	1.89%	12/16/24	543.38		
6/15/20	6/15/20	135,000	41284UAD6	HDMOT 2020-A A3	1.87%	10/15/24	210.38		
6/15/20	6/15/20	300,000	41284WAC4	HDMOT 2019-A A3	2.34%	2/15/24	585.00		
6/15/20	6/15/20	225,000	14315EAC4	CARMAX AUTO OWNER TRUST	3.36%	9/15/23	630.00		
6/15/20	6/15/20	215,000	31680YAD9	FIFTH THIRD AUTO TRUST	2.64%	12/15/23	473.00		
6/16/20	6/16/20	345,000	36257FAD2	GMCAR 2019-2 A3	2.65%	2/16/24	761.88		
6/18/20	6/18/20	170,000	43814WAC9	HAROT 2019-1 A3	2.83%	3/20/23	400.92		
6/18/20	6/18/20	600,000	46647PAS5	JPMORGAN CHASE & CO CORP NOTES	3.51%	6/18/22	10,542.00		
6/20/20	6/20/20	121,706	05586CAC8	BMWLT 2018-1 A3	3.26%	7/20/21	330.64		
6/20/20	6/20/20	104,180	36256GAD1	GMALT 2018-3 A3	3.18%	6/20/21	276.08		
6/20/20	6/20/20	300,000	92867XAD8	VWALT 2019-A A3	1.99%	11/21/22	497.50		
6/20/20	6/20/20	200,000	36256UAD0	GMALT 2019-1 A3	2.98%	12/20/21	496.67		
6/20/20	6/20/20	150,000	92348TAA2	VZOT 2020-A A1A	1.85%	7/22/24	231.25		

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
6/22/20	6/22/20	1,745,000	3135G0U35	FANNIE MAE NOTES	2.75%	6/22/21	23,993.75		
6/27/20	6/27/20	600,000	02665WCY5	AMERICAN HONDA FINANCE	2.20%	6/27/22	6,600.00		
Total INTEREST		86,330,432					470,950.09		
MATURITY									
4/15/20	4/15/20	2,072	47787XAC1	JOHN DEERE ABS 2017-A A3	1.78%	4/15/20	2,075.52		0.00
5/15/20	5/15/20	625,000	91412GS89	UNIV OF CAL TXBL REV BOND	1.90%	5/15/20	630,937.50		0.00
Total MATURITY		627,072					633,013.02		0.00
PAYDOWNS									
4/1/20	4/25/20	919	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	919.44		0.00
4/1/20	4/25/20	792	3137FQ3V3	FHMS KJ27 A1	2.09%	7/25/24	792.44		0.00
4/1/20	4/25/20	23,700	3137AA4V2	FHLMC SERIES K013 A1	2.90%	8/1/20	23,699.59		0.00
4/1/20	4/25/20	694	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	694.03		0.00
4/1/20	4/25/20	10,566	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	10,565.95		0.00
4/1/20	4/25/20	32,177	3136ACGJ4	FANNIEMAE-ACES	2.50%	11/1/22	32,176.96		0.00
4/1/20	4/25/20	2,407	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	2,406.69		0.00
4/1/20	4/25/20	8,309	3136B1XP4	FNA 2018-M5 A2	3.56%	9/1/21	8,308.77		0.00
4/1/20	4/25/20	2,159	3137FJYA1	FHMS J22F A1	3.45%	5/1/23	2,158.52		0.00
4/1/20	4/25/20	1,449	3137ASNJ9	FHMS K019 A2	2.27%	3/1/22	1,448.82		0.00
4/1/20	4/25/20	21,104	3137FKK39	FHMS KP05 A	3.20%	7/1/23	21,103.84		0.00
4/1/20	4/25/20	21,719	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	21,718.90		0.00
4/1/20	4/25/20	3,031	3137FKK70	FHMS KJ23 A1	3.17%	3/1/22	3,030.61		0.00
4/1/20	4/25/20	80,953	3137B6ZM6	FHMS K714 A2	3.03%	10/1/20	80,953.25		0.00
4/1/20	4/25/20	8,892	3137BLUQ9	FHMS K720 A1	2.31%	11/1/21	8,892.13		0.00
4/15/20	4/15/20	4,643	02007PAC7	ALLY ABS 2017-1 A3	1.70%	6/15/21	4,642.75		0.00

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
4/15/20	4/15/20	2,476	34531LAD2	FORDL 2018-B A3	3.19%	12/15/21	2,476.07		0.00
4/20/20	4/20/20	16,738	36256GAD1	GMALT 2018-3 A3	3.18%	6/20/21	16,738.42		0.00
5/1/20	5/25/20	119,793	3137B6ZM6	FHMS K714 A2	3.03%	10/1/20	119,792.66		0.00
5/1/20	5/25/20	622	3137FKK39	FHMS KP05 A	3.20%	7/1/23	622.38		0.00
5/1/20	5/25/20	3,468	3137FKK70	FHMS KJ23 A1	3.17%	3/1/22	3,467.57		0.00
5/1/20	5/25/20	2,549	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	2,548.71		0.00
5/1/20	5/25/20	19,961	3136ACGJ4	FANNIEMAE-ACES	2.50%	11/1/22	19,960.84		0.00
5/1/20	5/25/20	9,459	3137BLUQ9	FHMS K720 A1	2.31%	11/1/21	9,458.76		0.00
5/1/20	5/25/20	1,539	3137ASNJ9	FHMS K019 A2	2.27%	3/1/22	1,538.94		0.00
5/1/20	5/25/20	11,415	3137FQ3V3	FHMS KJ27 A1	2.09%	7/25/24	11,414.51		0.00
5/1/20	5/25/20	41,979	3136B1XP4	FNA 2018-M5 A2	3.56%	9/1/21	41,978.60		0.00
5/1/20	5/25/20	11,189	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	11,189.45		0.00
5/1/20	5/25/20	16,979	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	16,979.26		0.00
5/1/20	5/25/20	22,494	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	22,493.88		0.00
5/1/20	5/25/20	23,001	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	23,000.54		0.00
5/1/20	5/25/20	103,348	3137FJYA1	FHMS J22F A1	3.45%	5/1/23	103,347.81		0.00
5/1/20	5/25/20	25,376	3137AA4V2	FHLMC SERIES K013 A1	2.90%	8/1/20	25,376.28		0.00
5/15/20	5/15/20	339	65478BAD3	NISSAN AUTO LEASE TRUST	3.25%	9/15/21	339.36		0.00
5/15/20	5/15/20	11,537	34531LAD2	FORDL 2018-B A3	3.19%	12/15/21	11,537.34		0.00
5/15/20	5/15/20	2,579	02007PAC7	ALLY ABS 2017-1 A3	1.70%	6/15/21	2,578.70		0.00
5/20/20	5/20/20	9,853	36256GAD1	GMALT 2018-3 A3	3.18%	6/20/21	9,853.49		0.00
5/20/20	5/20/20	3,294	05586CAC8	BMWLT 2018-1 A3	3.26%	7/20/21	3,293.64		0.00
6/1/20	6/25/20	3,061	3137FKK70	FHMS KJ23 A1	3.17%	3/1/22	3,061.14		0.00
6/1/20	6/25/20	791	3137FQ3V3	FHMS KJ27 A1	2.09%	7/25/24	790.87		0.00
6/1/20	6/25/20	15,943	3136ACGJ4	FANNIEMAE-ACES	2.50%	11/1/22	15,942.74		0.00
6/1/20	6/25/20	12,907	3137FJYA1	FHMS J22F A1	3.45%	5/1/23	12,906.87		0.00
6/1/20	6/25/20	1,460	3137ASNJ9	FHMS K019 A2	2.27%	3/1/22	1,459.84		0.00
6/1/20	6/25/20	158,405	3137B6ZM6	FHMS K714 A2	3.03%	10/1/20	158,405.11		0.00
6/1/20	6/25/20	10,683	3136B1XP4	FNA 2018-M5 A2	3.56%	9/1/21	10,683.18		0.00
6/1/20	6/25/20	49,485	3137AA4V2	FHLMC SERIES K013 A1	2.90%	8/1/20	49,484.80		0.00

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
6/1/20	6/25/20	15,938	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	15,937.72		0.00
6/1/20	6/25/20	8,950	3137BLUQ9	FHMS K720 A1	2.31%	11/1/21	8,950.07		0.00
6/1/20	6/25/20	10,638	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	10,638.39		0.00
6/1/20	6/25/20	21,868	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	21,867.80		0.00
6/1/20	6/25/20	12,030	3136AEGQ4	FNA 2013-M7 A2	2.28%	12/1/22	12,030.40		0.00
6/1/20	6/25/20	38,695	3137FKK39	FHMS KP05 A	3.20%	7/1/23	38,694.75		0.00
6/1/20	6/25/20	2,423	3137AWQG3	FHMS K023 A1	1.58%	4/1/22	2,423.19		0.00
6/15/20	6/15/20	24,451	65478BAD3	NISSAN AUTO LEASE TRUST	3.25%	9/15/21	24,450.67		0.00
6/15/20	6/15/20	3,090	14313FAD1	CARMAX AUTO OWNER TRUST	3.13%	6/15/23	3,090.48		0.00
6/15/20	6/15/20	20,407	34531LAD2	FORDL 2018-B A3	3.19%	12/15/21	20,406.74		0.00
6/20/20	6/20/20	11,553	05586CAC8	BMWLT 2018-1 A3	3.26%	7/20/21	11,552.73		0.00
6/20/20	6/20/20	13,194	36256GAD1	GMALT 2018-3 A3	3.18%	6/20/21	13,194.30		0.00
Total PAYDOWNS		1,119,472					1,119,471.69		0.00

SELL

4/2/20	4/8/20	1,600,000	912828WN6	US TREASURY NOTES	2.00%	5/31/21	1,644,678.62		44,217.89
4/3/20	4/8/20	2,350,000	9128286C9	US TREASURY NOTES	2.50%	2/15/22	2,457,603.09		100,665.41
4/3/20	4/8/20	75,000	9128286C9	US TREASURY NOTES	2.50%	2/15/22	78,434.14		2,878.99
4/17/20	4/20/20	1,900,000	9128284P2	US TREASURY NOTES	2.62%	5/15/21	1,971,461.24		48,012.36
4/17/20	4/20/20	1,625,000	912828WN6	US TREASURY NOTES	2.00%	5/31/21	1,670,363.20		43,511.73
4/17/20	4/22/20	625,000	9128286C9	US TREASURY NOTES	2.50%	2/15/22	653,803.76		23,625.12
4/17/20	4/20/20	1,350,000	9128284P2	US TREASURY NOTES	2.62%	5/15/21	1,400,775.09		33,019.27
4/21/20	4/22/20	600,000	912828T67	US TREASURY NOTES	1.25%	10/31/21	613,100.79		12,155.30
4/23/20	4/29/20	475,000	912828Z86	UNITED STATES TREASURY NOTES	1.37%	2/15/23	491,023.09		6,867.40
4/27/20	4/29/20	450,000	9128284P2	US TREASURY NOTES	2.62%	5/15/21	467,006.16		11,171.00
5/1/20	5/5/20	575,000	912828WR7	US TREASURY NOTES	2.12%	6/30/21	592,144.61		16,315.75
5/5/20	5/7/20	500,000	912828WR7	US TREASURY NOTES	2.12%	6/30/21	514,908.14		14,114.97
5/6/20	5/7/20	1,850,000	45950VLQ7	INTERNATIONAL FINANCE CORPORATION NOTE	2.63%	3/9/21	1,893,207.26		35,743.38

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amt (\$)	Yield at Market	Realized G/L (BV)
5/8/20	5/11/20	600,000	86565BPC9	SUMITOMO MITSUI BANK NY CERT DEPOS	3.39%	10/16/20	609,243.20		8,007.56
5/12/20	5/13/20	165,000	254687FJ0	WALT DISNEY COMPANY/THE	1.65%	9/1/22	167,927.10		2,658.60
5/20/20	5/22/20	1,850,000	912828Z86	UNITED STATES TREASURY NOTES	1.37%	2/15/23	1,915,964.22		29,384.03
6/1/20	6/4/20	250,000	63743HER9	NATIONAL RURAL UTIL COOP NOTE	2.90%	3/15/21	256,173.47		4,653.31
6/2/20	6/3/20	1,400,000	4581X0DB1	INTER-AMERICAN DEVELOPMENT BANK NOTE	2.62%	4/19/21	1,433,555.67		29,963.27
6/2/20	6/3/20	1,300,000	9128284W7	US TREASURY NOTES	2.75%	8/15/21	1,350,568.64		39,427.97
6/2/20	6/3/20	425,000	912828WR7	US TREASURY NOTES	2.12%	6/30/21	437,694.35		11,189.05
6/3/20	6/4/20	2,500,000	912828RC6	US TREASURY NOTES	2.12%	8/15/21	2,573,280.82		36,484.00
6/12/20	6/16/20	1,750,000	912828RC6	US TREASURY NOTES	2.12%	8/15/21	1,801,497.14		24,912.12
6/25/20	6/26/20	300,000	459058GH0	INTL BANK OF RECONSTRUCTION AND DEV NOTE	2.75%	7/23/21	311,468.25		8,213.54
6/25/20	6/26/20	1,745,000	3135G0U35	FANNIE MAE NOTES	2.75%	6/22/21	1,789,542.09		44,141.46
Total SELL		26,260,000					27,095,424.14		631,333.48

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
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 08/15/2018 2.750% 08/15/2021	9128284W7	1,725,000.00	AA+	Aaa	9/26/2018	9/28/2018	1,717,655.27	2.90	17,854.22	1,722,137.51	1,774,593.75
US TREASURY NOTES DTD 08/15/2018 2.750% 08/15/2021	9128284W7	275,000.00	AA+	Aaa	9/5/2018	9/7/2018	275,225.59	2.72	2,846.33	275,086.20	282,906.25
US TREASURY NOTES DTD 08/15/2011 2.125% 08/15/2021	912828RC6	150,000.00	AA+	Aaa	10/3/2019	10/4/2019	151,939.45	1.42	1,199.69	151,167.66	153,257.82
US TREASURY NOTES DTD 10/31/2016 1.250% 10/31/2021	912828T67	2,650,000.00	AA+	Aaa	10/31/2019	11/4/2019	2,634,783.20	1.54	5,580.84	2,639,806.63	2,688,093.75
US TREASURY NOTES DTD 10/31/2016 1.250% 10/31/2021	912828T67	300,000.00	AA+	Aaa	12/20/2019	12/20/2019	297,761.72	1.66	631.79	298,399.35	304,312.50
US TREASURY NOTES DTD 10/31/2016 1.250% 10/31/2021	912828T67	4,150,000.00	AA+	Aaa	11/8/2019	11/12/2019	4,114,984.38	1.69	8,739.81	4,126,282.88	4,209,656.25
US TREASURY NOTES DTD 01/15/2019 2.500% 01/15/2022	9128285V8	6,000,000.00	AA+	Aaa	1/29/2019	1/31/2019	5,991,328.13	2.55	69,230.77	5,995,479.39	6,214,687.20
US TREASURY NOTES DTD 01/15/2019 2.500% 01/15/2022	9128285V8	1,500,000.00	AA+	Aaa	2/8/2019	2/11/2019	1,502,988.28	2.43	17,307.69	1,501,573.81	1,553,671.80
US TREASURY NOTES DTD 01/31/2017 1.875% 01/31/2022	912828V72	8,750,000.00	AA+	Aaa	1/7/2019	1/9/2019	8,590,722.66	2.50	68,509.62	8,667,512.00	8,985,156.25
US TREASURY NOTES DTD 02/15/2019 2.500% 02/15/2022	9128286C9	1,800,000.00	AA+	Aaa	4/1/2019	4/3/2019	1,810,476.56	2.29	16,936.81	1,805,932.39	1,867,781.16
US TREASURY NOTES DTD 07/31/2017 1.875% 07/31/2022	9128282P4	1,600,000.00	AA+	Aaa	7/1/2019	7/3/2019	1,605,437.50	1.76	12,527.47	1,603,676.60	1,657,000.00
US TREASURY NOTES DTD 07/31/2017 1.875% 07/31/2022	9128282P4	4,400,000.00	AA+	Aaa	6/3/2019	6/5/2019	4,403,609.38	1.85	34,450.55	4,402,381.19	4,556,750.00
US TREASURY NOTES DTD 08/31/2017 1.625% 08/31/2022	9128282S8	1,075,000.00	AA+	Aaa	8/2/2019	8/5/2019	1,072,858.40	1.69	5,838.74	1,073,490.19	1,108,761.67
UNITED STATES TREASURY NOTES DTD 10/15/2019 1.375% 10/15/2022	912828YK0	5,250,000.00	AA+	Aaa	12/2/2019	12/4/2019	5,213,085.94	1.63	15,186.99	5,220,496.98	5,394,375.00
UNITED STATES TREASURY NOTES DTD 01/15/2020 1.500% 01/15/2023	912828Z29	2,500,000.00	AA+	Aaa	2/3/2020	2/5/2020	2,512,207.03	1.33	17,307.69	2,510,537.79	2,584,375.00

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
U.S. Treasury Bond / Note											
US TREASURY NOTES DTD 02/01/2016 1.750% 01/31/2023	912828P38	150,000.00	AA+	Aaa	1/2/2020	1/6/2020	150,609.38	1.61	1,096.15	150,513.16	156,070.32
UNITED STATES TREASURY NOTES DTD 02/15/2020 1.375% 02/15/2023	912828Z86	3,175,000.00	AA+	Aaa	3/2/2020	3/4/2020	3,230,190.43	0.78	16,431.06	3,224,097.98	3,275,210.94
Security Type Sub-Total		45,450,000.00					45,275,863.30	1.98	311,676.22	45,368,571.71	46,766,659.66
Supra-National Agency Bond / Note											
INTL BANK OF RECONSTRUCTION AND DEV NOTE DTD 07/25/2018 2.750% 07/23/2021	459058GH0	1,495,000.00	AAA	Aaa	7/18/2018	7/25/2018	1,491,501.70	2.83	18,043.82	1,493,762.48	1,534,358.87
INTER-AMERICAN DEVEL BK CORPORATE NOTES DTD 04/24/2020 0.500% 05/24/2023	4581X0DM7	1,285,000.00	AAA	Aaa	4/17/2020	4/24/2020	1,284,563.10	0.51	660.35	1,284,589.51	1,292,557.09
Security Type Sub-Total		2,780,000.00					2,776,064.80	1.77	18,704.17	2,778,351.99	2,826,915.96
Municipal Bond / Note											
CA ST TXBL GO BONDS DTD 04/27/2017 2.625% 04/01/2021	13063DAC2	1,000,000.00	AA-	Aa2	2/12/2019	2/14/2019	997,000.00	2.77	6,562.50	998,942.08	1,017,370.00
CA ST TXBL GO BONDS DTD 04/25/2018 2.800% 04/01/2021	13063DGA0	1,425,000.00	AA-	Aa2	4/18/2018	4/25/2018	1,425,057.00	2.80	9,975.00	1,425,014.57	1,451,604.75
UNIV OF CAL TXBL REV BONDS DTD 06/05/2018 3.029% 05/15/2021	91412HBH5	455,000.00	AA	Aa2	5/23/2018	6/5/2018	455,000.00	3.03	1,761.03	455,000.00	464,950.85
LA ST T/E GO BONDS DTD 03/11/2020 5.000% 11/15/2021	546417DK9	600,000.00	AA-	Aa3	4/21/2020	4/22/2020	637,044.00	1.01	3,833.33	632,510.64	637,152.00
CA ST T/E GO BONDS DTD 04/22/2020 5.000% 03/01/2022	13063DUV8	600,000.00	AA-	Aa2	4/17/2020	4/22/2020	644,070.00	1.00	5,750.00	639,520.00	646,944.00
CT ST T/E GO BONDS DTD 06/25/2020 3.000% 06/01/2022	20772KKE8	750,000.00	A	A1	6/12/2020	6/25/2020	784,837.50	0.58	375.00	784,541.43	784,230.00

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
Municipal Bond / Note											
CT ST TXBL GO BONDS DTD 06/11/2020 2.500% 07/01/2022	20772KJU4	305,000.00	A	A1	5/29/2020	6/11/2020	310,130.10	1.66	423.61	309,993.30	314,085.95
CHAFFEY UHSD, CA TXBL GO BONDS DTD 12/05/2019 1.913% 08/01/2022	157411TH2	600,000.00	AA-	Aa1	11/6/2019	12/5/2019	600,000.00	1.91	4,782.50	600,000.00	616,416.00
LONG BEACH CCD, CA TXBL GO BONDS DTD 10/23/2019 1.702% 08/01/2022	542411NG4	920,000.00	AA	Aa2	10/9/2019	10/23/2019	920,000.00	1.70	6,524.33	920,000.00	942,282.40
SAN DIEGO CCD, CA TXBL GO BONDS DTD 10/16/2019 1.936% 08/01/2022	797272QM6	675,000.00	AAA	Aaa	9/18/2019	10/16/2019	675,000.00	1.94	5,445.00	675,000.00	695,493.00
TAMALPAIS UHSD, CA TXBL GO BONDS DTD 10/09/2019 1.925% 08/01/2022	874857KH7	995,000.00	NR	Aaa	9/20/2019	10/9/2019	995,000.00	1.93	7,980.73	995,000.00	1,022,531.65
SAN JOSE, CA TXBL GO BONDS DTD 07/25/2019 2.300% 09/01/2022	798135H44	1,150,000.00	AA+	Aa1	7/9/2019	7/25/2019	1,157,544.00	2.08	8,816.67	1,155,268.83	1,200,968.00
OR ST DEPT OF TRANS TXBL REV BONDS DTD 11/20/2019 1.855% 11/15/2022	68607DTT2	600,000.00	AAA	Aa1	11/7/2019	11/20/2019	600,000.00	1.86	1,422.17	600,000.00	618,936.00
AZ TRAN BOARD TXBL REV BONDS DTD 02/12/2020 1.795% 07/01/2023	040654XT7	1,235,000.00	AA+	Aa1	1/10/2020	2/12/2020	1,235,000.00	1.80	8,559.41	1,235,000.00	1,279,373.55
WA ST T/E GO BONDS DTD 04/29/2020 5.000% 07/01/2023	93974EHJ8	605,000.00	AA+	Aaa	4/23/2020	4/29/2020	679,759.85	1.03	5,209.72	675,692.60	689,645.55
MD ST T/E GO BONDS DTD 08/30/2017 5.000% 08/01/2024	574193PK8	500,000.00	AAA	Aaa	5/1/2020	5/5/2020	583,925.00	0.95	10,416.67	580,836.73	595,170.00
Security Type Sub-Total		12,415,000.00					12,699,367.45	1.84	87,837.67	12,682,320.18	12,977,153.70
Federal Agency Collateralized Mortgage Obligation											
FHMS K714 A2 DTD 01/01/2014 3.034% 10/01/2020	3137B6ZM6	388,559.15	AA+	Aaa	9/21/2017	9/26/2017	399,350.77	2.08	982.41	389,460.90	388,559.15
FNA 2018-M5 A2 DTD 04/01/2018 3.560% 09/01/2021	3136B1XP4	465,337.18	AA+	Aaa	4/11/2018	4/30/2018	474,593.20	2.93	1,380.50	468,576.79	471,031.11

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
Federal Agency Collateralized Mortgage Obligation											
FHMS K720 A1 DTD 11/01/2015 2.316% 11/01/2021	3137BLUQ9	187,034.24	AA+	Aaa	8/22/2019	8/27/2019	187,545.67	2.19	360.98	187,347.39	188,360.21
FHLMC MULTIFAMILY STRUCTURED P DTD 05/01/2015 2.791% 01/01/2022	3137BHXY8	1,250,000.00	AA+	Aaa	8/16/2019	8/21/2019	1,272,656.25	2.00	2,907.29	1,264,396.16	1,272,119.45
FHMS K019 A2 DTD 08/01/2012 2.272% 03/01/2022	3137ASNJ9	588,988.85	AA+	Aaa	3/29/2019	4/3/2019	584,640.45	2.54	1,115.15	586,501.71	597,531.27
FHMS KJ23 A1 DTD 12/01/2018 3.174% 03/01/2022	3137FKK70	254,318.57	AA+	Aaa	12/7/2018	12/14/2018	254,316.52	3.17	672.67	254,317.51	256,870.66
FHMS K023 A1 DTD 12/01/2012 1.583% 04/01/2022	3137AWQG3	515,756.42	AA+	Aaa	3/7/2018	3/9/2018	504,474.27	2.15	680.37	510,898.41	517,493.13
FHMS K023 A1 DTD 12/01/2012 1.583% 04/01/2022	3137AWQG3	250,908.53	AA+	Aaa	7/12/2018	7/17/2018	244,567.21	2.30	330.99	247,915.84	251,753.41
FHMS K023 A1 DTD 12/01/2012 1.583% 04/01/2022	3137AWQG3	57,151.39	AA+	Aaa	3/6/2018	3/9/2018	55,910.12	2.14	75.39	56,616.91	57,343.84
FHLMC MULTIFAMILY STRUCTURED P DTD 11/01/2015 2.716% 06/01/2022	3137BLUR7	600,000.00	AA+	Aaa	3/13/2019	3/18/2019	599,253.52	2.76	1,358.00	599,553.77	613,294.27
FHLMC MULTIFAMILY STRUCTURED P DTD 12/01/2012 2.355% 07/01/2022	3137AVXN2	570,000.00	AA+	Aaa	6/12/2019	6/17/2019	572,092.97	2.23	1,118.62	571,376.46	585,328.76
FHLMC MULTIFAMILY STRUCTURED P DTD 12/01/2012 2.355% 07/01/2022	3137AVXN2	1,227,386.00	AA+	Aaa	3/28/2019	4/2/2019	1,222,591.52	2.48	2,408.75	1,224,434.93	1,260,393.55
FHLMC MULTIFAMILY STRUCTURED P DTD 12/01/2012 2.307% 08/01/2022	3137AWQH1	1,250,000.00	AA+	Aaa	9/4/2019	9/9/2019	1,268,457.03	1.78	2,403.13	1,263,288.36	1,290,105.24
FHLMC MULTIFAMILY STRUCTURED P DTD 05/01/2013 2.510% 11/01/2022	3137B1BS0	500,000.00	AA+	Aaa	2/18/2020	2/21/2020	509,648.44	1.78	1,045.83	508,363.94	520,019.30
FHLMC MULTIFAMILY STRUCTURED P DTD 05/01/2013 2.510% 11/01/2022	3137B1BS0	1,065,000.00	AA+	Aaa	6/12/2019	6/17/2019	1,074,318.75	2.24	2,227.63	1,071,446.79	1,107,641.11
FANNIEMAE-ACES DTD 02/01/2013 2.509% 11/01/2022	3136ACGJ4	1,057,296.31	AA+	Aaa	6/24/2019	6/27/2019	1,070,347.32	2.13	2,210.22	1,066,398.94	1,089,189.19
FNA 2013-M7 A2 DTD 05/01/2013 2.280% 12/01/2022	3136AEGQ4	317,760.01	AA+	Aaa	9/11/2019	9/16/2019	319,739.99	2.08	603.75	319,251.75	325,918.41

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
Federal Agency Collateralized Mortgage Obligation											
FNA 2013-M7 A2 DTD 05/01/2013 2.280% 12/01/2022	3136AEGQ4	420,964.12	AA+	Aaa	9/4/2019	9/9/2019	426,479.16	1.86	799.83	425,094.55	431,772.26
FHMS J22F A1 DTD 11/01/2018 3.454% 05/01/2023	3137FJYA1	201,794.82	AA+	Aaa	11/7/2018	11/19/2018	201,789.37	3.45	580.83	201,791.35	203,961.35
FHMS KP05 A DTD 12/01/2018 3.203% 07/01/2023	3137FKK39	295,051.48	AA+	Aaa	12/7/2018	12/17/2018	295,050.58	3.20	787.54	295,050.89	304,478.37
FHMS KJ27 A1 DTD 11/01/2019 2.092% 07/25/2024	3137FQ3V3	482,269.30	AA+	Aaa	11/20/2019	11/26/2019	482,257.72	2.09	840.76	482,259.20	493,945.49
Security Type Sub-Total		11,945,576.37					12,020,080.83	2.26	24,890.64	11,994,342.55	12,227,109.53
Federal Agency Bond / Note											
FEDERAL HOME LOAN BANKS NOTES DTD 10/12/2018 3.000% 10/12/2021	3130AF5B9	2,425,000.00	AA+	Aaa	11/2/2018	11/6/2018	2,423,593.50	3.02	15,964.58	2,424,385.39	2,511,589.48
FANNIE MAE NOTES DTD 01/11/2019 2.625% 01/11/2022	3135G0U92	1,650,000.00	AA+	Aaa	1/9/2019	1/11/2019	1,648,812.00	2.65	20,453.13	1,649,394.08	1,710,584.70
FANNIE MAE NOTES DTD 01/11/2019 2.625% 01/11/2022	3135G0U92	1,200,000.00	AA+	Aaa	1/29/2019	1/31/2019	1,200,312.00	2.62	14,875.00	1,200,162.09	1,244,061.60
FEDERAL FARM CREDIT BANK NOTES DTD 04/08/2020 0.375% 04/08/2022	3133ELWD2	2,550,000.00	AA+	Aaa	4/3/2020	4/8/2020	2,546,226.00	0.45	2,204.69	2,546,660.27	2,556,237.30
FFCB NOTES (CALLABLE) DTD 04/08/2020 0.950% 04/08/2022	3133ELVV3	1,900,000.00	AA+	Aaa	4/2/2020	4/8/2020	1,900,000.00	0.95	4,161.53	1,900,000.00	1,903,361.10
FEDERAL FARM CREDIT BANK NOTES DTD 06/02/2020 0.250% 06/02/2022	3133ELE75	2,575,000.00	AA+	Aaa	6/3/2020	6/4/2020	2,573,264.45	0.28	518.58	2,573,328.82	2,575,672.08
FEDERAL HOME LOAN BANK DTD 06/01/2012 2.125% 06/10/2022	313379Q69	2,475,000.00	AA+	Aaa	6/13/2019	6/14/2019	2,492,399.25	1.88	3,067.97	2,486,296.77	2,565,498.38
FANNIE MAE NOTES DTD 09/06/2019 1.375% 09/06/2022	3135G0W33	1,250,000.00	AA+	Aaa	9/5/2019	9/6/2019	1,245,650.00	1.49	5,490.45	1,246,836.72	1,280,936.25
FEDERAL HOME LOAN BANKS NOTES DTD 02/21/2020 1.375% 02/17/2023	3130AJ7E3	2,140,000.00	AA+	Aaa	2/20/2020	2/21/2020	2,136,062.40	1.44	10,625.69	2,136,534.77	2,202,115.64

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
Federal Agency Bond / Note											
FREDDIE MAC NOTES DTD 04/20/2020 0.375% 04/20/2023	3137EAEQ8	3,825,000.00	AA+	Aaa	4/17/2020	4/20/2020	3,815,437.50	0.46	2,828.91	3,816,066.27	3,835,587.60
FREDDIE MAC NOTES DTD 05/07/2020 0.375% 05/05/2023	3137EAER6	2,410,000.00	AA+	Aaa	5/5/2020	5/7/2020	2,408,987.80	0.39	1,355.62	2,409,038.73	2,416,085.25
FREDDIE MAC NOTES DTD 05/07/2020 0.375% 05/05/2023	3137EAER6	1,750,000.00	AA+	Aaa	6/2/2020	6/3/2020	1,753,605.00	0.30	984.38	1,753,510.31	1,754,418.75
FANNIE MAE NOTES DTD 05/22/2020 0.250% 05/22/2023	3135G04Q3	1,550,000.00	AA+	Aaa	6/2/2020	6/3/2020	1,547,287.50	0.31	419.79	1,547,357.63	1,548,403.50
FANNIE MAE NOTES DTD 05/22/2020 0.250% 05/22/2023	3135G04Q3	2,550,000.00	AA+	Aaa	5/20/2020	5/22/2020	2,542,324.50	0.35	690.63	2,542,604.88	2,547,373.50
FREDDIE MAC NOTES DTD 06/16/2020 0.500% 06/16/2023	3134GVR67	1,900,000.00	AA+	Aaa	6/12/2020	6/16/2020	1,900,000.00	0.50	395.83	1,900,000.00	1,901,330.00
FREDDIE MAC NOTES DTD 06/26/2020 0.250% 06/26/2023	3137EAES4	2,340,000.00	AA+	Aaa	6/24/2020	6/26/2020	2,333,167.20	0.35	81.25	2,333,198.40	2,337,512.58
Security Type Sub-Total		34,490,000.00					34,467,129.10	1.01	84,118.03	34,465,375.13	34,890,767.71
Corporate Note											
AMERICAN EXPRESS CO CORP NOTES DTD 02/22/2019 3.000% 02/22/2021	025816CB3	400,000.00	BBB+	A3	2/19/2019	2/22/2019	399,600.00	3.05	4,300.00	399,870.86	405,582.00
MORGAN STANLEY CORP NOTES DTD 04/21/2016 2.500% 04/21/2021	61746BEA0	300,000.00	BBB+	A3	2/13/2018	2/15/2018	294,960.00	3.06	1,458.33	298,723.72	304,887.60
CHARLES SCHWAB CORP NOTES DTD 05/22/2018 3.250% 05/21/2021	808513AW5	235,000.00	A	A2	5/17/2018	5/22/2018	234,992.95	3.25	848.61	234,997.91	240,264.00
PACCAR FINANCIAL CORP BONDS DTD 08/09/2018 3.150% 08/09/2021	69371RP42	295,000.00	A+	A1	8/6/2018	8/9/2018	294,908.55	3.16	3,665.38	294,966.29	303,098.93
CATERPILLAR FINANCIAL SERVICES CORP CORP DTD 09/07/2018 3.150% 09/07/2021	14913Q2N8	325,000.00	A	A3	9/4/2018	9/7/2018	324,749.75	3.18	3,241.88	324,901.13	335,169.90

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
Corporate Note											
3M COMPANY DTD 09/14/2018 3.000% 09/14/2021	88579YBA8	145,000.00	A+	A1	9/11/2018	9/14/2018	144,702.75	3.07	1,292.92	144,880.67	148,929.65
BANK OF AMERICA CORP (CALLABLE) DTD 09/18/2017 2.328% 10/01/2021	06051GGS2	200,000.00	A-	A2	11/27/2017	11/29/2017	199,026.00	2.46	1,164.00	199,682.51	200,805.80
BANK OF AMERICA CORP (CALLABLE) DTD 09/18/2017 2.328% 10/01/2021	06051GGS2	390,000.00	A-	A2	9/13/2017	9/18/2017	390,000.00	2.33	2,269.80	390,000.00	391,571.31
AMERICAN EXPRESS CREDIT CORP NOTES DTD 11/06/2018 3.700% 11/05/2021	025816BY4	200,000.00	BBB+	A3	11/1/2018	11/6/2018	199,956.00	3.71	1,151.11	199,980.23	208,005.20
CITIGROUP INC CORP (CALLABLE) NOTE DTD 12/08/2016 2.900% 12/08/2021	172967LC3	300,000.00	BBB+	A3	1/15/2019	1/17/2019	294,543.00	3.57	555.83	297,287.00	308,973.30
SUNTRUST BANKS INC CORP NOTES (CALLABLE) DTD 12/01/2016 2.700% 01/27/2022	867914BM4	300,000.00	A-	A3	5/14/2019	5/16/2019	299,502.00	2.76	3,465.00	299,709.88	309,363.60
HOME DEPOT INC DTD 12/06/2018 3.250% 03/01/2022	437076BV3	175,000.00	A	A2	11/27/2018	12/6/2018	174,520.50	3.34	1,895.83	174,753.14	183,538.60
US BANCORP (CALLABLE) NOTE DTD 03/02/2012 3.000% 03/15/2022	91159HHC7	600,000.00	A+	A1	6/14/2019	6/18/2019	610,590.00	2.33	5,300.00	606,465.02	626,270.40
GOLDMAN SACHS GROUP INC (CALLABLE) NOTE DTD 01/26/2017 3.000% 04/26/2022	38141GWC4	600,000.00	BBB+	A3	2/13/2019	2/15/2019	593,412.00	3.36	3,250.00	596,248.34	608,313.60
IBM CORP DTD 05/15/2019 2.850% 05/13/2022	459200JX0	300,000.00	A	A2	11/1/2019	11/5/2019	306,726.00	1.93	1,140.00	304,978.70	313,774.80
UNITED PARCEL SERVICE (CALLABLE) NOTES DTD 05/16/2017 2.350% 05/16/2022	911312BC9	300,000.00	A-	A2	6/26/2019	6/27/2019	301,689.00	2.15	881.25	301,078.72	310,520.10
MORGAN STANLEY CORP NOTES DTD 05/19/2017 2.750% 05/19/2022	61744YAH1	300,000.00	BBB+	A3	4/5/2019	4/9/2019	298,011.00	2.97	962.50	298,797.15	311,603.40
JPMORGAN CHASE & CO CORP NOTES DTD 06/18/2018 3.514% 06/18/2022	46647PAS5	600,000.00	A-	A2	6/11/2018	6/18/2018	600,000.00	3.51	761.37	600,000.00	616,504.80

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
Corporate Note											
AMERICAN HONDA FINANCE DTD 06/27/2019 2.200% 06/27/2022	02665WCY5	600,000.00	A-	A3	6/24/2019	6/27/2019	599,448.00	2.23	146.67	599,634.35	616,417.80
BANK OF NY MELLON CORP CORP NOTES DTD 08/23/2019 1.950% 08/23/2022	06406RAK3	185,000.00	A	A1	8/20/2019	8/23/2019	184,940.80	1.96	1,282.67	184,957.71	190,561.29
BANK OF NY MELLON CORP CORP NOTES DTD 08/23/2019 1.950% 08/23/2022	06406RAK3	115,000.00	A	A1	9/3/2019	9/5/2019	115,317.40	1.85	797.33	115,229.48	118,457.01
CATERPILLAR FINANCIAL SERVICES CORP NOTE DTD 09/06/2019 1.900% 09/06/2022	14913Q3A5	325,000.00	A	A3	9/3/2019	9/6/2019	324,548.25	1.95	1,972.57	324,671.49	334,340.83
ADOBE INC CORP NOTE DTD 02/03/2020 1.700% 02/01/2023	00724PAA7	300,000.00	A	A2	1/23/2020	2/3/2020	299,931.00	1.71	2,096.67	299,940.40	310,763.10
TOYOTA MOTOR CREDIT CORP CORPORATE NOTES DTD 04/01/2020 2.900% 03/30/2023	89236TGW9	575,000.00	A+	A1	4/27/2020	4/29/2020	601,588.00	1.28	4,168.75	600,015.19	609,023.90
EXXON MOBIL CORPORATION CORPORATE NOTES DTD 04/15/2020 1.571% 04/15/2023	30231GBL5	150,000.00	AA	Aa1	5/12/2020	5/14/2020	151,872.00	1.14	497.48	151,787.71	153,615.75
CHEVRON CORP CORPORATE NOTES DTD 05/11/2020 1.141% 05/11/2023	166764BV1	150,000.00	AA	Aa2	5/7/2020	5/11/2020	150,000.00	1.14	237.71	150,000.00	152,485.65
PACCAR FINANCIAL CORP CORPORATE NOTES DTD 06/08/2020 0.800% 06/08/2023	69371RQ82	175,000.00	A+	A1	6/1/2020	6/8/2020	174,756.75	0.85	89.44	174,761.86	175,122.50
JOHN DEERE CAPITAL CORP CORPORATE NOTES DTD 06/04/2020 0.700% 07/05/2023	24422EVH9	200,000.00	A	A2	6/1/2020	6/4/2020	199,836.00	0.73	105.00	199,839.93	200,322.20
COMCAST CORP CORPORATE NOTES DTD 10/05/2018 3.700% 04/15/2024	20030NCR0	150,000.00	A-	A3	5/7/2020	5/11/2020	164,338.50	1.20	1,171.67	163,828.91	166,359.45

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
Corporate Note											
CITIGROUP INC CORPORATE NOTES DTD 05/14/2020 1.678% 05/15/2024	172967MR9	300,000.00	BBB+	A3	5/7/2020	5/14/2020	300,000.00	1.68	657.21	300,000.00	304,837.20
Security Type Sub-Total		9,190,000.00					9,228,466.20	2.47	50,826.98	9,231,988.30	9,459,483.67
Certificate of Deposit											
MUFG BANK LTD/NY CERT DEPOS DTD 02/28/2019 2.970% 02/26/2021	55379WZT6	600,000.00	A-1	P-1	2/27/2019	2/28/2019	600,000.00	2.94	6,237.00	600,000.00	610,888.80
CREDIT AGRICOLE CIB NY CERT DEPOS DTD 04/04/2019 2.830% 04/02/2021	22535CDU2	600,000.00	A-1	P-1	4/3/2019	4/4/2019	600,000.00	2.83	4,056.33	600,000.00	610,801.20
ROYAL BANK OF CANADA NY CD DTD 06/08/2018 3.240% 06/07/2021	78012UEE1	600,000.00	A-1+	P-1	6/7/2018	6/8/2018	600,000.00	3.24	1,296.00	600,000.00	616,751.40
SOCIETE GENERALE NY CERT DEPOS DTD 02/19/2020 1.800% 02/14/2022	83369XDL9	600,000.00	A	A1	2/14/2020	2/19/2020	600,000.00	1.80	3,960.00	600,000.00	603,726.00
NORDEA BANK ABP NEW YORK CERT DEPOS DTD 08/29/2019 1.850% 08/26/2022	65558TLL7	625,000.00	AA-	Aa3	8/27/2019	8/29/2019	625,000.00	1.84	4,046.88	625,000.00	643,980.63
SKANDINAV ENSKILDA BANK LT CD DTD 09/03/2019 1.860% 08/26/2022	83050PDR7	625,000.00	A+	Aa2	8/29/2019	9/3/2019	625,000.00	1.85	4,068.75	625,000.00	644,114.38
DNB BANK ASA/NY LT CD DTD 12/06/2019 2.040% 12/02/2022	23341VZT1	625,000.00	AA-	Aa2	12/4/2019	12/6/2019	625,000.00	2.03	1,027.08	625,000.00	648,888.13
Security Type Sub-Total		4,275,000.00					4,275,000.00	2.35	24,692.04	4,275,000.00	4,379,150.54
Bank Note											
PNC BANK NA CORP NOTES DTD 06/08/2018 3.500% 06/08/2023	69353RFL7	300,000.00	A	A2	3/5/2020	3/9/2020	321,240.00	1.27	670.83	317,270.56	324,661.80
Security Type Sub-Total		300,000.00					321,240.00	1.27	670.83	317,270.56	324,661.80

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
Asset-Backed Security											
GMALT 2018-3 A3 DTD 09/26/2018 3.180% 06/20/2021	36256GAD1	90,985.27	AAA	Aaa	9/18/2018	9/26/2018	90,978.08	3.18	88.41	90,982.72	91,464.81
BMWLT 2018-1 A3 DTD 10/17/2018 3.260% 07/20/2021	05586CAC8	110,153.63	AAA	Aaa	10/10/2018	10/17/2018	110,138.33	3.27	109.73	110,147.80	111,012.05
NISSAN AUTO LEASE TRUST DTD 10/24/2018 3.250% 09/15/2021	65478BAD3	200,209.97	AAA	Aaa	10/16/2018	10/24/2018	200,192.48	3.25	289.19	200,202.67	201,673.36
FORDL 2018-B A3 DTD 09/21/2018 3.190% 12/15/2021	34531LAD2	195,579.85	NR	Aaa	9/18/2018	9/21/2018	195,563.32	3.19	277.29	195,572.40	196,961.39
GMALT 2019-1 A3 DTD 02/21/2019 2.980% 12/20/2021	36256UAD0	200,000.00	AAA	Aaa	2/13/2019	2/21/2019	199,968.60	2.99	182.11	199,983.68	202,147.68
FORDL 2019-A A3 DTD 02/25/2019 2.900% 05/15/2022	34532FAD4	245,000.00	AAA	NR	2/20/2019	2/25/2019	244,980.84	2.90	315.78	244,988.86	248,321.05
VWALT 2019-A A3 DTD 10/04/2019 1.990% 11/21/2022	92867XAD8	300,000.00	AAA	NR	10/1/2019	10/4/2019	299,995.26	1.99	182.42	299,996.38	304,999.77
HART 2018-B A3 DTD 12/12/2018 3.200% 12/15/2022	44933AAC1	150,000.00	AAA	Aaa	12/4/2018	12/12/2018	149,998.20	3.20	213.33	149,998.90	153,020.48
HAROT 2019-1 A3 DTD 02/27/2019 2.830% 03/20/2023	43814WAC9	170,000.00	AAA	NR	2/19/2019	2/27/2019	169,995.44	2.83	173.73	169,996.95	174,666.52
FORD CREDIT AUTO OWNER TRUST DTD 10/23/2018 3.240% 04/15/2023	34532TAD4	200,000.00	NR	Aaa	10/16/2018	10/23/2018	199,965.80	3.24	288.00	199,978.71	204,683.34
CARMAX AUTO OWNER TRUST DTD 07/25/2018 3.130% 06/15/2023	14313FAD1	281,909.52	AAA	NR	7/18/2018	7/25/2018	281,871.09	3.13	392.17	281,886.30	287,924.93
NAROT 2018-C A3 DTD 12/12/2018 3.220% 06/15/2023	65478NAD7	200,000.00	AAA	Aaa	12/4/2018	12/12/2018	199,961.68	3.22	286.22	199,974.88	206,205.78
HYUNDAI AUTO RECEIVABLES TRUST DTD 04/10/2019 2.660% 06/15/2023	44932NAD2	250,000.00	AAA	NR	4/3/2019	4/10/2019	249,967.10	2.66	295.56	249,976.75	256,251.48
CARMAX AUTO OWNER TRUST DTD 10/24/2018 3.360% 09/15/2023	14315EAC4	225,000.00	AAA	NR	10/17/2018	10/24/2018	224,997.93	3.36	336.00	224,998.64	231,809.87
COPAR 2019-1 A3 DTD 05/30/2019 2.510% 11/15/2023	14042WAC4	175,000.00	AAA	Aaa	5/21/2019	5/30/2019	174,964.55	2.51	195.22	174,973.21	179,615.66

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
Asset-Backed Security											
FIFTH THIRD AUTO TRUST DTD 05/08/2019 2.640% 12/15/2023	31680YAD9	215,000.00	AAA	Aaa	4/30/2019	5/8/2019	214,952.74	2.65	252.27	214,964.54	220,347.09
HDMOT 2019-A A3 DTD 06/26/2019 2.340% 02/15/2024	41284WAC4	300,000.00	NR	Aaa	6/19/2019	6/26/2019	299,976.78	2.34	312.00	299,981.86	306,026.94
GMCAR 2019-2 A3 DTD 04/17/2019 2.650% 02/16/2024	36257FAD2	345,000.00	AAA	Aaa	4/9/2019	4/17/2019	344,971.92	2.65	380.94	344,978.93	353,520.60
VZOT 2020-A A1A DTD 01/29/2020 1.850% 07/22/2024	92348TAA2	150,000.00	AAA	Aaa	1/21/2020	1/29/2020	149,982.44	1.85	84.79	149,984.09	153,698.03
COMET 2019-A2 A2 DTD 09/05/2019 1.720% 08/15/2024	14041NFU0	600,000.00	AAA	NR	8/28/2019	9/5/2019	599,848.92	1.73	458.67	599,874.02	616,290.00
HDMOT 2020-A A3 DTD 01/29/2020 1.870% 10/15/2024	41284UAD6	135,000.00	AAA	Aaa	1/21/2020	1/29/2020	134,970.56	1.87	112.20	134,973.19	138,121.46
CARMX 2020-1 A3 DTD 01/22/2020 1.890% 12/16/2024	14315XAC2	345,000.00	AAA	NR	1/14/2020	1/22/2020	344,932.31	1.89	289.80	344,938.40	354,966.08
Security Type Sub-Total		5,083,838.24					5,083,174.37	2.60	5,515.83	5,083,353.88	5,193,728.37
Managed Account Sub Total		125,929,414.61					126,146,386.05	1.80	608,932.41	126,196,574.30	129,045,630.94
Securities Sub-Total		\$125,929,414.61					\$126,146,386.05	1.80%	\$608,932.41	\$126,196,574.30	\$129,045,630.94
Accrued Interest											\$608,932.41
Total Investments											\$129,654,563.35

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 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.
- **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.
- **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.

GLOSSARY

- **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.



PMIA/LAIF Performance Report as of 07/23/20



PMIA Average Monthly Effective Yields⁽¹⁾

Jun	1.217
May	1.363
Apr	1.648

Quarterly Performance Quarter Ended 06/30/20

LAIF Apportionment Rate ⁽²⁾ :	1.36
LAIF Earnings Ratio ⁽²⁾ :	0.000037106682614
LAIF Fair Value Factor ⁽¹⁾ :	1.004912795
PMIA Daily ⁽¹⁾ :	1.08%
PMIA Quarter to Date ⁽¹⁾ :	1.41%
PMIA Average Life ⁽¹⁾ :	191

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 06/30/20 \$101.0 billion

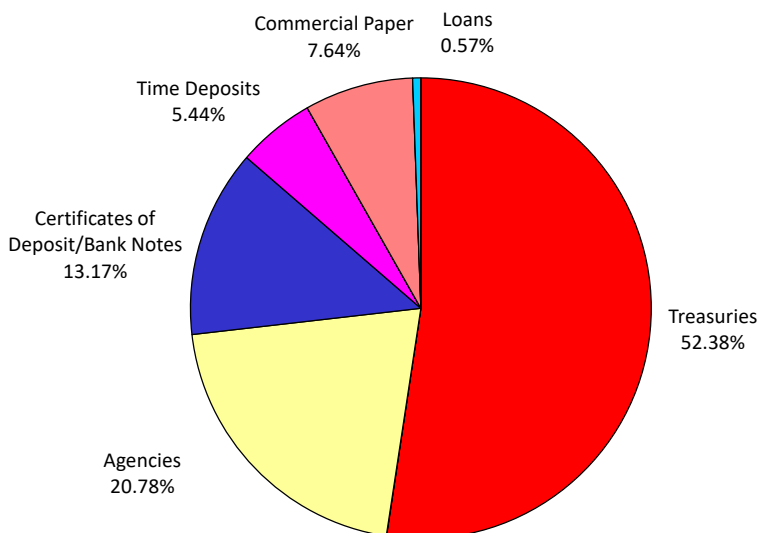


Chart does not include 0.02% of mortgages. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA Daily Rates](#)

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller