



City of Hayward

2017-2018 Year-End Portfolio Review

Monique Spyke, Managing Director
Izac Chyou, Senior Managing Consultant

October 17, 2018

PFM Asset
Management LLC

50 California St.
Suite 2300
San Francisco, CA 94111

415.982.5544
pfm.com



Current Market Themes

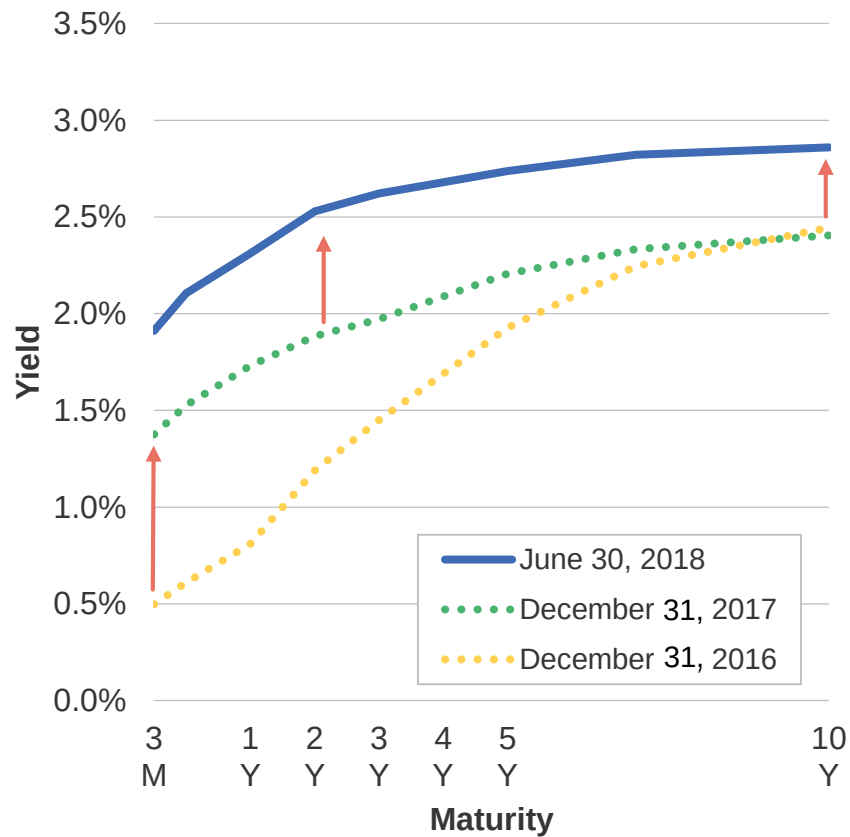
- ◆ Economic conditions characterized by:
 - Moderate economic growth
 - Continued labor market strength
 - Inflation at Fed target and wage inflation is increasing
- ◆ Short-term yields increased following the additional Fed rate hike; long-term yields fell amid lower inflation expectations.
- ◆ Geopolitical risks, trade war with China, caused an increase in input costs, mainly for manufacturers.





U.S. Treasury Yield Curve

	6/30/18	6/30/17	6/30/16
3 month	1.91%	1.01%	0.25%
6 month	2.10%	1.13%	0.35%
1 year	2.31%	1.23%	0.44%
2 year	2.53%	1.38%	0.60%
3 year	2.62%	1.55%	0.71%
5 year	2.74%	1.89%	1.02%



Source: Bloomberg, as of 6/30/2018.



Fiscal Year 2018 Accomplishments

- Enhanced earnings¹
 - Investment income rose to **\$1.46 million**
 - Portfolio yield rose to **1.76%**
- Outperformed performance benchmark by **+18** basis points in a rising rate environment²
- Maintained a diversified portfolio
- Maintained compliance with City's investment policy
- Kept City staff informed of events impacting investment program

Key Investment Strategies

- ✓ Downside risk management
 - Invest in high-quality assets
 - Manage interest rate risk

1. As of 06/30/2018. Aggregate fiscal year income on an accrual (amortized cost) basis. Yield to maturity at cost.

2. Hayward one year total return versus the performance benchmark, which is the Bank of America Merrill Lynch 1-3 Year U.S. Treasury Index.



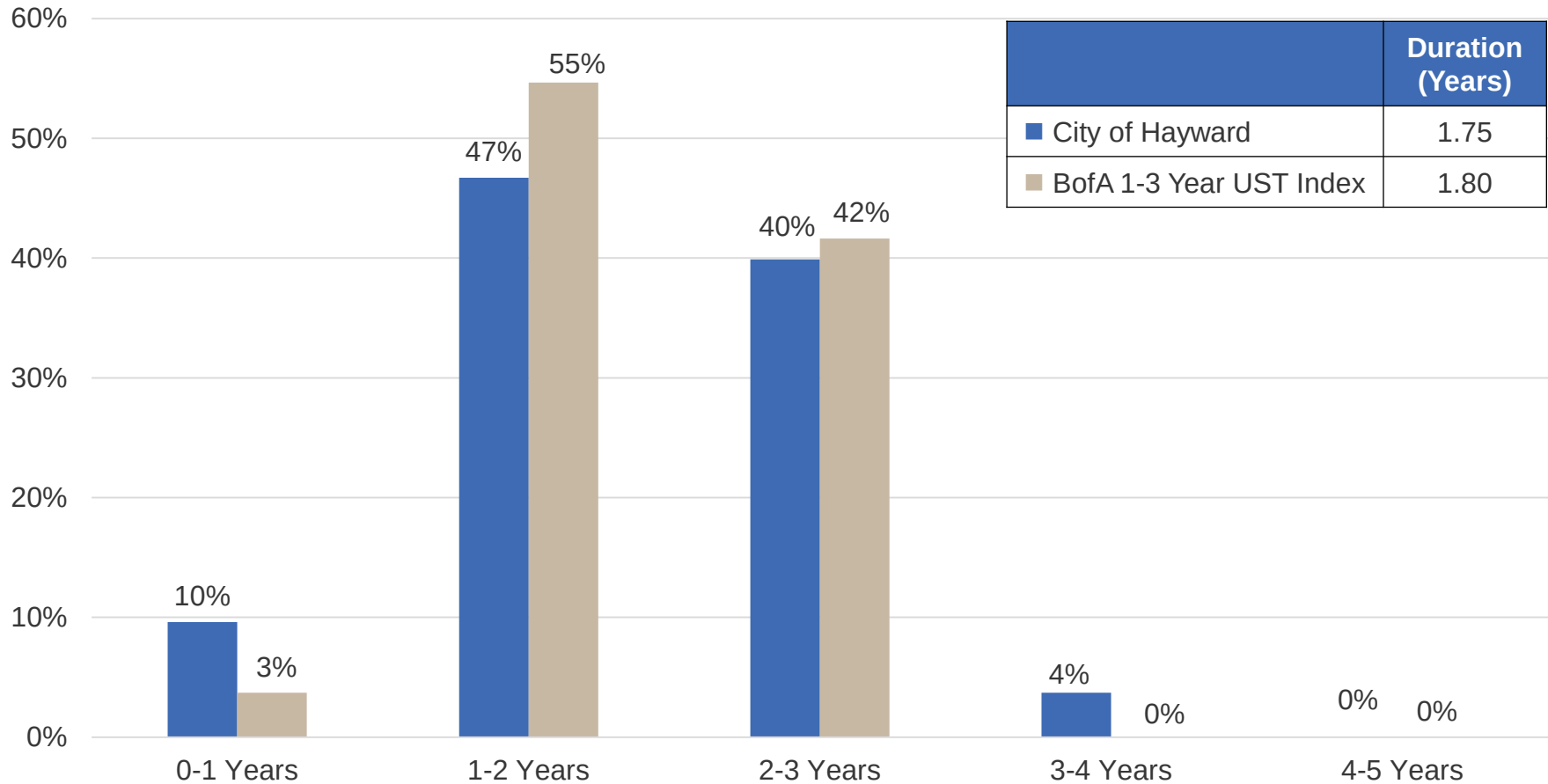
Portfolio Composition

Security Type	Market Values as of 6/30/18	Percent of Portfolio	Permitted by Policy	In Compliance
U.S. Treasury	\$55,321,269	18%	100%	✓
Federal Agency	\$27,666,857	9%	100%	✓
Federal Agency CMOs	\$6,323,866	2%	20%	✓
Municipal Bonds	\$4,425,102	1%	20%	✓
Supranationals	\$9,132,525	3%	30%	✓
Negotiable CDs	\$8,407,951	3%	30%	✓
Corporate Notes	\$6,960,104	2%	30%	✓
Asset-Backed Securities	\$2,453,424	1%	20%	✓
Security Sub-Total	\$120,691,098	40%		
Accrued Interest	\$407,378			
Securities Total	\$121,098,476			
LAIF	\$126,577,593	42%	\$195 Million ¹	✓
Bank of West	\$54,542,989	18%	100%	✓
Total Investments	\$302,219,057	100.0%		

1. The maximum allowable LAIF balance is \$65 million per account. LAIF City: \$58.8 million. LAIF HPFA: \$27.4 million. LAIF Housing: \$40.4 million
 LAIF balance provided by the Client
 As of June 30, 2018
 Investment Policy as approved of December 5, 2017



Portfolio Maturity Distribution

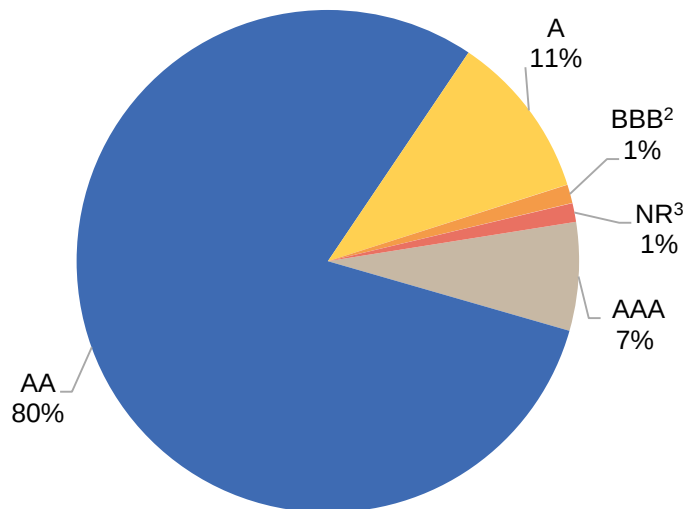


Source: Bloomberg, as of 06/30/2018. Excludes holdings in LAIF, Bank of West and the money market fund.



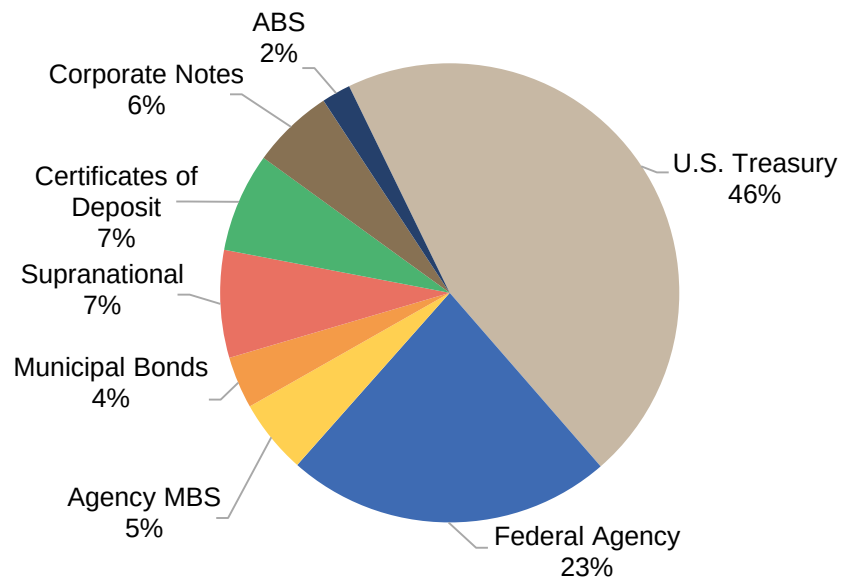
Portfolio Characteristics as of June 30, 2018

Credit Quality¹



Average Credit: AA⁴

Sector Allocation



**Portfolio Compliant
with Investment Policy**

Percentages may not sum to 100% due to rounding.

1. Ratings are based on Standard & Poor's, if provided. If Standard & Poor's ratings are not provided, ratings by Moody's and/or Fitch are used.

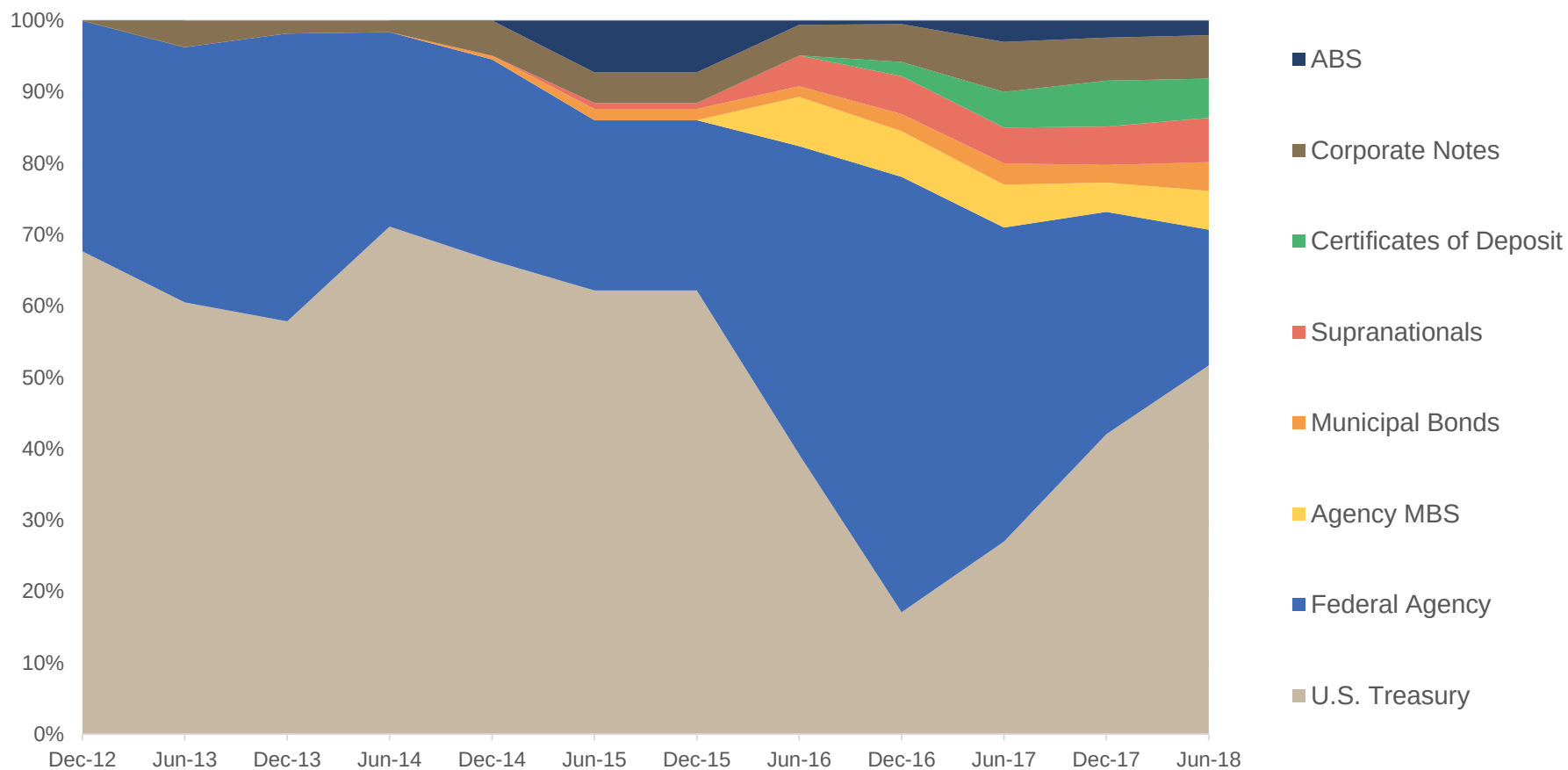
2. Citigroup rated A by Fitch. Goldman Sachs rated A3 by Moody's.

3. CA Earthquake Authority rated A3 by Moody's. Carmax Auto Owner Trust, John Deere Owner Trust, Honda Auto Receivables, Nissan Auto Receivables, and Ally Auto Receivables Trust rated Aaa by Moody's.

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



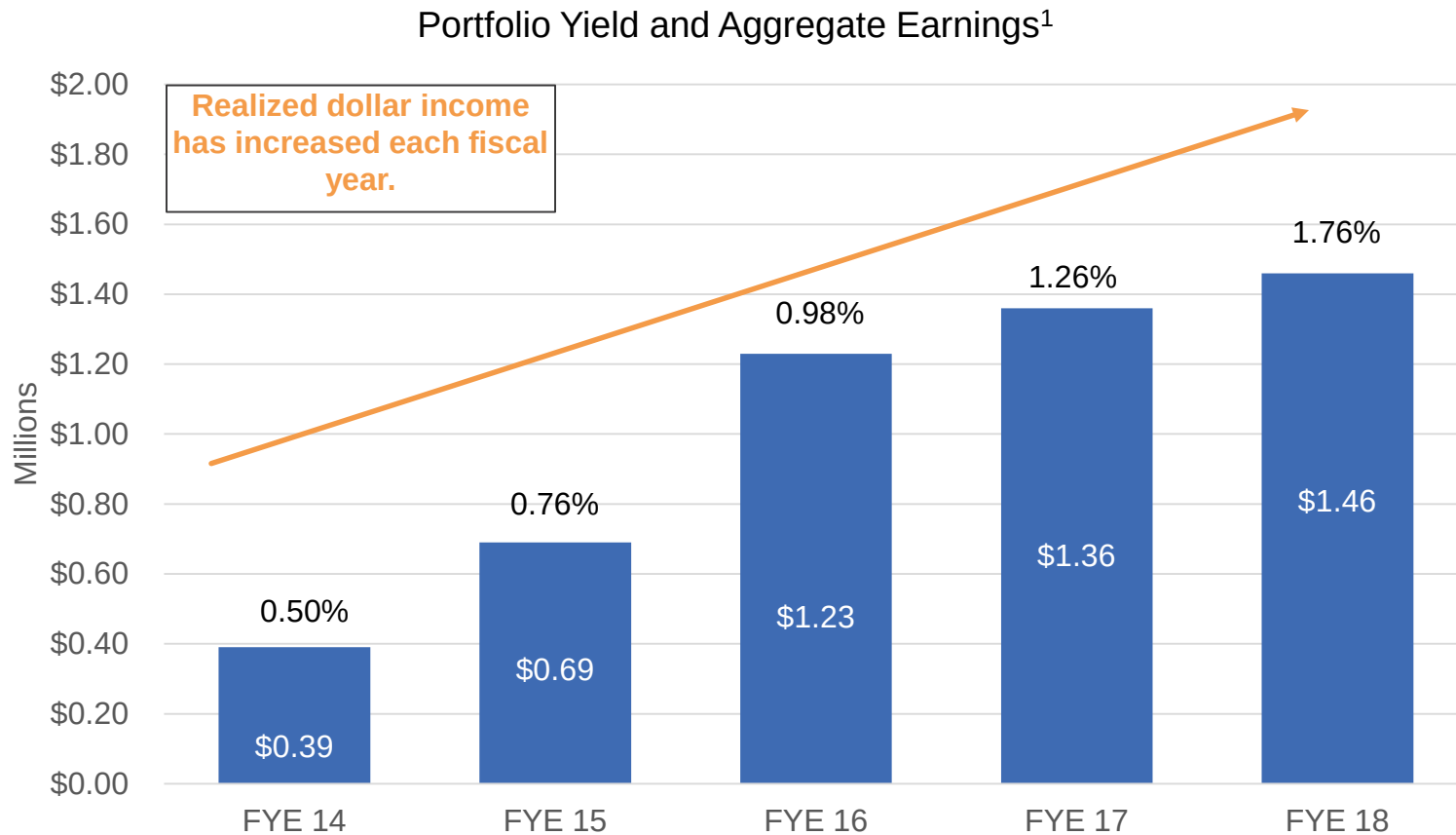
Adding Value Through Sector Allocation



*Percents exclude accrued interest as of trade date. Portfolio holdings as of 06/30/2018.
Portfolio inception date: 06/30/2012.*



Portfolio Income Continues to Increase

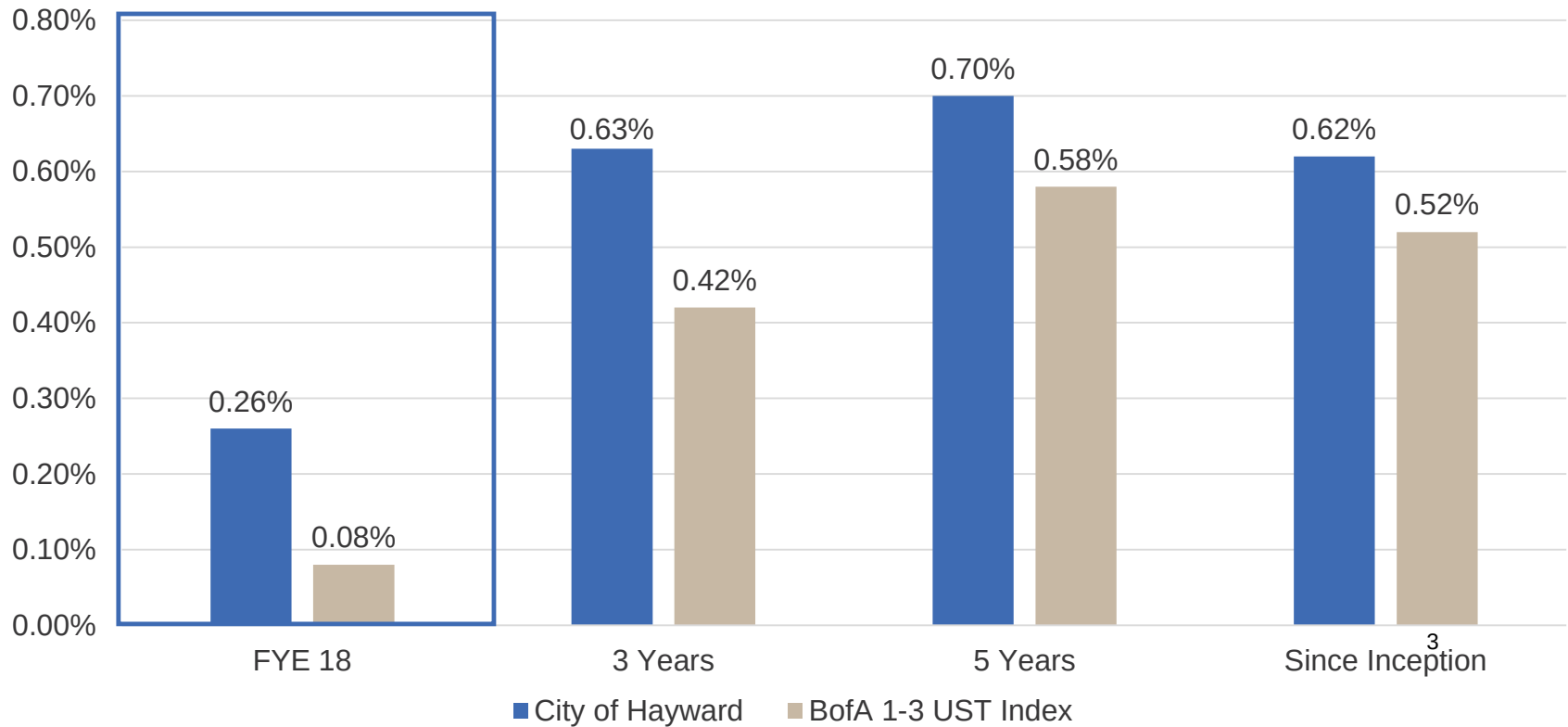


1. Aggregate fiscal year income on an accrual (amortized cost) basis. Yield to maturity at cost.



Portfolio Outperforms

Annualized Returns^{1,2}
As of June 30, 2018



1. Source: Bloomberg, as of 06/30/2018.

2. Performance on trade date basis. Excludes holdings in LAIF, Bank of West and the money market fund..

3. Portfolio inception date as of 06/30/2012.



The Fed's Updated Economic Projections are Optimistic

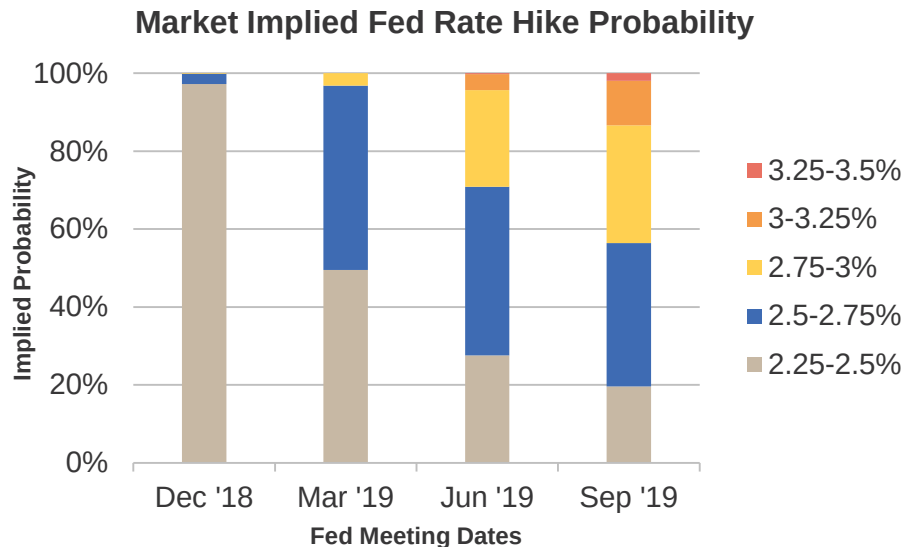
Indicator	2018		2019		2020		Longer run	
	Mar.	Jun.	Mar.	Jun.	Mar.	Jun.	Mar.	Jun.
Real GDP (YoY)	2.8%	3.1%	2.4%	2.5%	2.0%	2.0%	1.8%	1.8%
Unemployment Rate	3.6%	3.7%	3.5%	3.5%	3.5%	3.5%	4.5%	4.5%
PCE Inflation (YoY)	2.1%	2.1%	2.1%	2.0%	2.1%	2.1%	2.0%	2.0%
Core PCE (YoY)	2.0%	2.0%	2.1%	2.1%	2.1%	2.1%	-	-
Federal Funds Rate (Median)	2.4%	2.4%	3.1%	3.1%	3.4%	3.4%	2.9%	3.0%

Source: Federal Reserve, as of September 2018. Green denotes an improved projection in June compared to March, red for lower projection.



2019 Outlook and Strategy

- We expect modest economic growth in the near term
- Additional rates hikes may be on the horizon



Source: Bloomberg, as of 9/30/2018.

Strategy Highlights

- ✓ Assess impact of future fiscal and monetary policy
- ✓ Maintain neutral duration position
- ✓ Monitoring potential for a cyclical change
- ✓ Diversify credit exposure in the portfolio
- ✓ Identify market opportunities



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.