

## San Gorgonio Pass Water Agency

# **Example 2.1** Investment Performance Review For the Quarter Ended September 30, 2023

#### **Client Management Team**

**PFM Asset Management LLC** 

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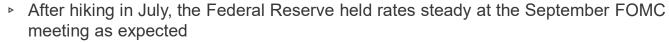
Market Update

#### **Current Market Themes**



- ► The U.S. economy is characterized by:
  - Stronger than expected growth, supported by a resilient consumer
  - ▶ Inflation that remains stubbornly above the Federal Reserve's ("Fed") target range
  - Continued creation of new jobs by the labor market, albeit at a moderating pace





- ▶ The Fed's most recent "dot plot" indicated one more rate hike for 2023 and set the stage for interest rates to remain "higher-for-longer"
- ▶ Updated FOMC economic projections point to stronger GDP growth expectations, higher inflation, and slightly lower unemployment for the remainder of 2023 and into 2024





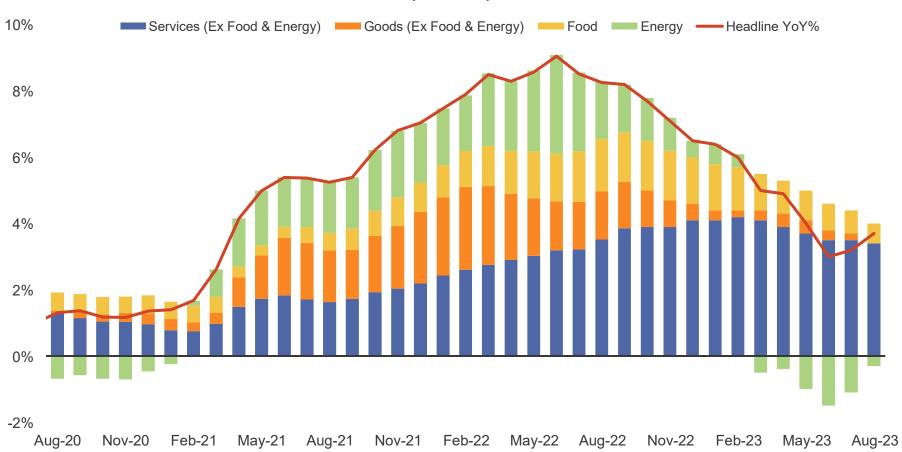
- ► Treasury yields across the curve rose during Q3. Sticky inflation, a "higher for longer" market consensus, increased Treasury borrowing, and reduced Treasury holdings by China and Japan weighed especially on the long end of the curve
- ▶ The next concern is the annual federal budget process and potential for a government shutdown





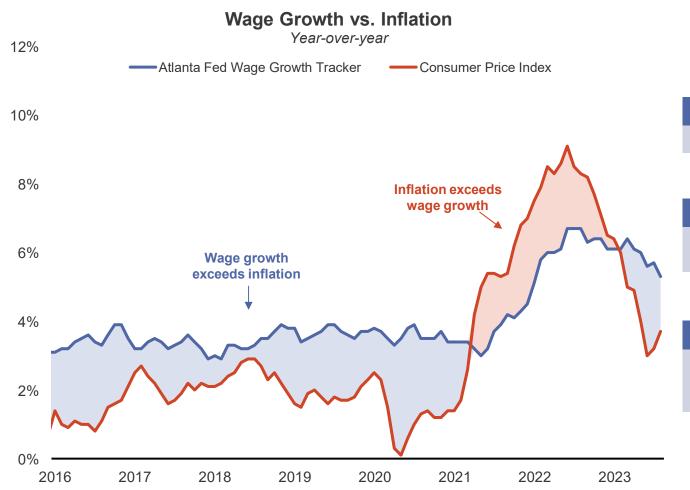
## Inflation Gradually Falling, But Sensitive to Recently Rising Energy Prices

## Factors Contributing to the Consumer Price Index (CPI YoY)



Source: Bloomberg, as of August 2023.

### **Wages Have Caught Up to Inflation Once Again**



#### **Labor Market Stats**

**Unemployment Rate (Sept.)** 

3.8%

Peaked during COVID at 14.7%

### Excess Job Openings (Sept.) 3 mil.

For each unemployed worker, there are approximately 1.5 job openings

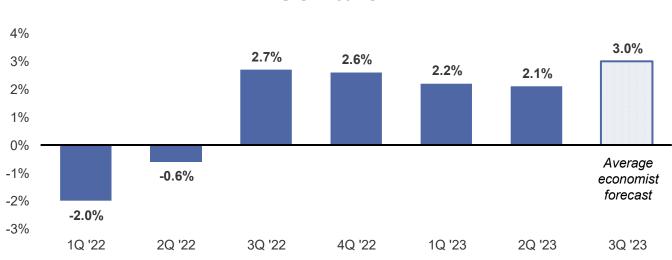
#### Nonfarm Payrolls (Sept.) 336,000

Although the pace has declined, the economy continues to create jobs at a healthy pace

Source: As of September 2023. St. Louis Federal Reserve Economic Data. Excess job openings refers to the difference in job openings, as reported by JOLTS, and the total number of unemployed workers as reported by the Bureau of Labor Statistics.

## **GDP Remains Surprisingly Robust**



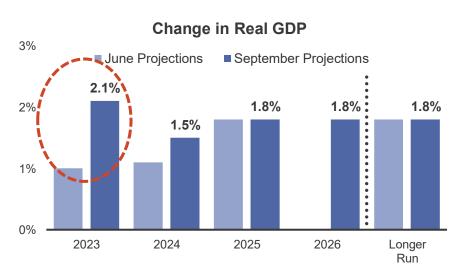


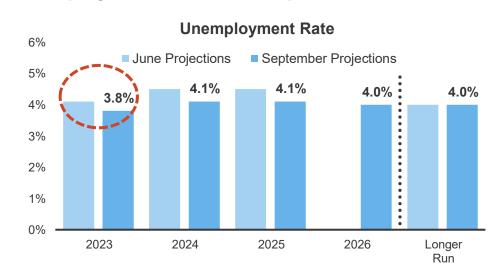
GDP Contributors	1Q '22	2Q '22	3Q '22	4Q '22	1Q '23	2Q '23
Real GDP	-2.0%	-0.6%	2.7%	2.6%	2.2%	2.1%
Personal Consumption	0.0%	1.3%	1.1%	0.8%	2.5%	0.6%
Private Investment	1.2%	-2.1%	-1.5%	0.6%	-1.7%	0.9%
Net Exports	-2.6%	0.6%	2.6%	0.3%	0.6%	0.0%
Gov't Expenditures	-0.5%	-0.3%	0.6%	0.9%	0.8%	0.6%

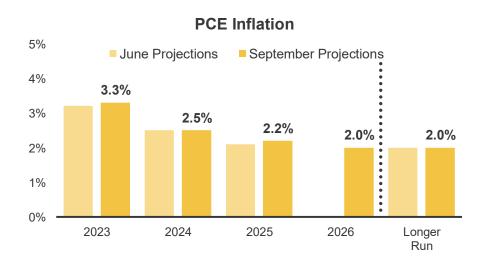
The U.S. Consumer has been the backbone of economic growth; historically being the largest contributor

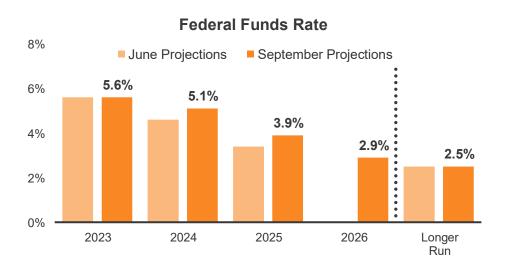
Source: St. Louis Federal Reserve Economic Data, Bureau of Economic Analysis. Average economist forecast sourced from Bloomberg.

## The Fed's Protections for Growth and Employment Were More Upbeat





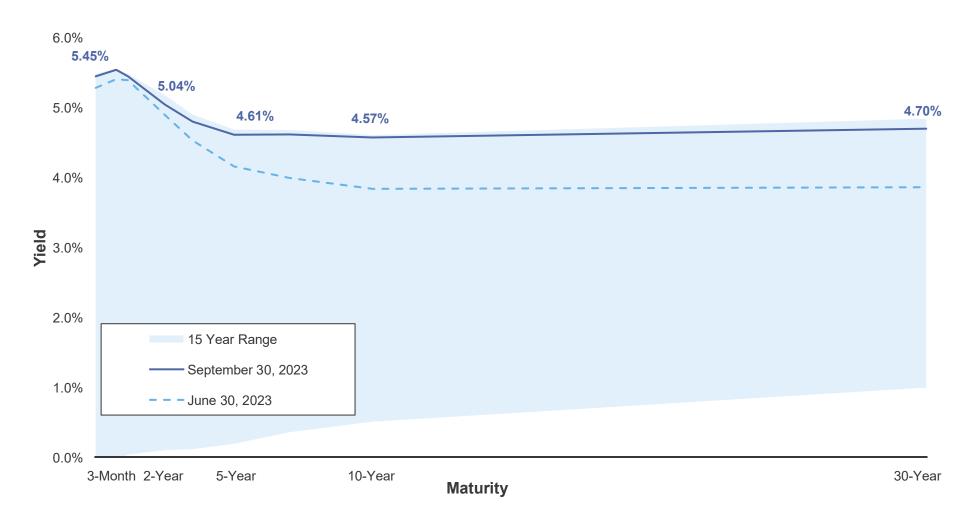




Source: Federal Reserve, latest economic projections as of September 2023.

## **Interest Rates Are At Their Highest Levels Since 2006-07**

## **U.S. Treasury Yield Curve**



Source: Bloomberg, as of September 30, 2023.

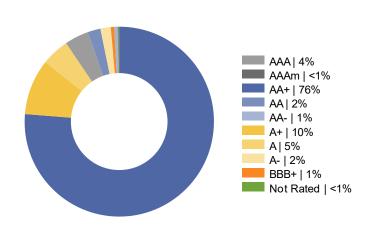
Portfolio Review

## Portfolio Snapshot<sup>1</sup>

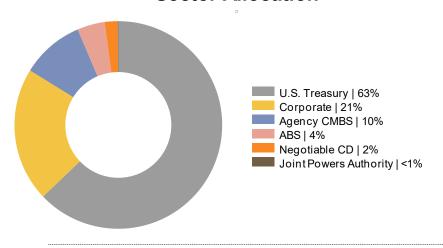
#### **Portfolio Statistics**

Total Market Value	\$59,975,471.28
Managed Account Sub-Total	\$59,650,087.95
Accrued Interest	\$252,465.46
Pool	\$72,917.87
Portfolio Effective Duration	2.70 years
Benchmark Effective Duration	2.50 years
Yield At Cost	2.82%
Yield At Market	5.07%
Portfolio Credit Quality	AA

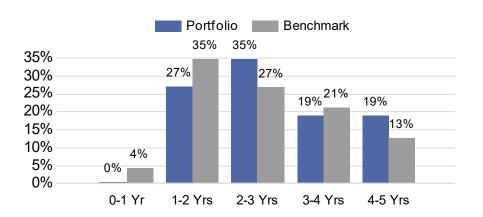
## **Credit Quality - S&P**



#### **Sector Allocation**



#### **Duration Distribution**



Total market value includes accrued interest and balances invested in CAMP, as of September 30, 2023.
Yield and duration calculations exclude balances invested in CAMP.
The portfolio's benchmark is the ICE BofA 1-5 Year U.S. Treasury Index. Source: Bloomberg.
An average of each security's credit rating was assigned a numeric value and adjusted for its relative weighting in the portfolio.

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## **Certificate of Compliance**

During the reporting period for the quarter ended September 30, 2023, the account(s) managed by PFM Asset Management ("PFMAM") were in compliance with the applicable investment policy and guidelines as furnished to PFMAM.

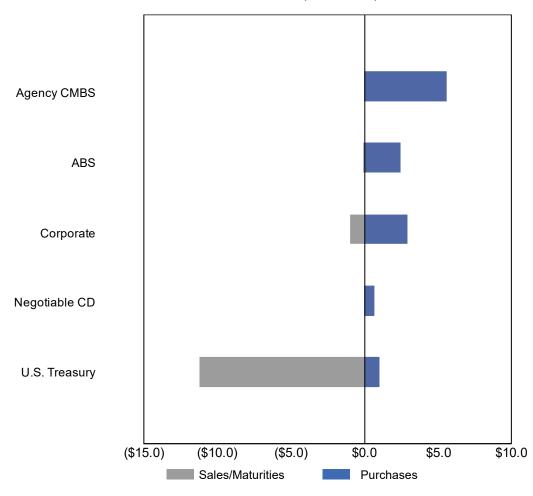
Acknowledged: PFM Asset Management LLC

Note: Pre- and post-trade compliance for the account(s) managed by PFM Asset Management is provided via Bloomberg Asset and Investment Management ("AIM").

## **Portfolio Activity**

#### **Net Activity by Sector**

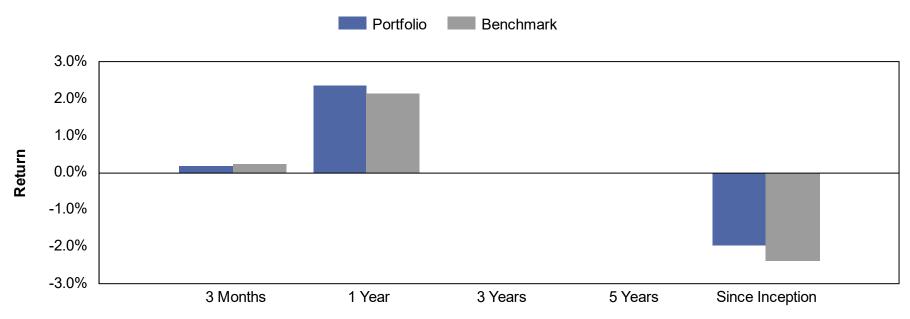
(\$ millions)



Sector	Net Activity
Agency CMBS	\$5,552,667
ABS	\$2,353,886
Corporate	\$1,898,969
Negotiable CD	\$600,000
U.S. Treasury	(\$10,225,160)
Total Net Activity	\$180,362

Based on total proceeds (principal and accrued interest) of buys, sells, maturities, and principal paydowns. Detail may not add to total due to rounding.

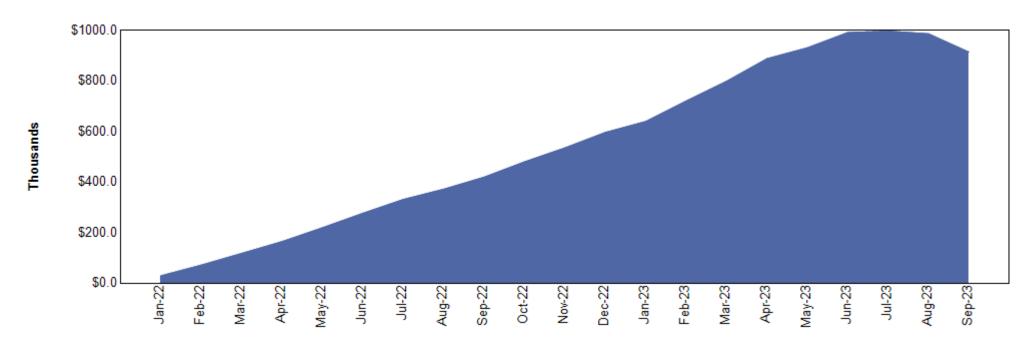
#### **Portfolio Performance**



Market Value Basis Earnings	3 Months	1 Year	3 Years	5 Years	Since Inception <sup>1</sup>
Interest Earned²	\$272,971	\$795,681	-	-	\$1,137,754
Change in Market Value	(\$160,089)	\$577,880	-	-	(\$3,184,390)
Total Dollar Return	\$112,882	\$1,373,561	-	-	(\$2,046,636)
Total Return <sup>3</sup>					
Portfolio	0.19%	2.34%	-	-	-1.96%
Benchmark⁴	0.23%	2.12%	-	-	-2.39%
Difference	-0.04%	0.22%	-	-	0.43%

- 1. The lesser of 10 years or since inception is shown. Since inception returns for periods one year or less are not shown. Performance inception date is December 31, 2021.
- 2. Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.
- 3. Returns for periods one year or less are presented on a periodic basis. Returns for periods greater than one year are presented on an annualized basis.
- 4. The portfolio's benchmark is the ICE BofA 1-5 Year U.S. Treasury Index. Source: Bloomberg.

## **Accrual Basis Earnings**



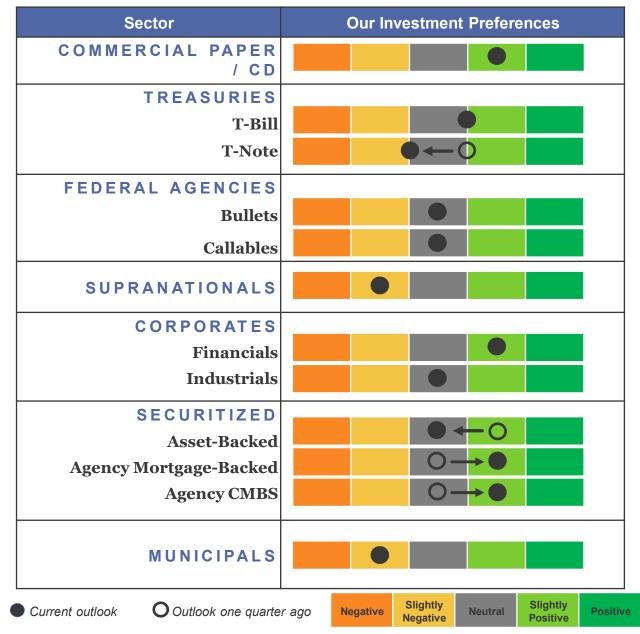
Accrual Basis Earnings	3 Months	1 Year	3 Years	5 Year	Since Inception <sup>1</sup>
Interest Earned²	\$272,971	\$795,681	-	-	\$1,137,754
Realized Gains / (Losses) <sup>3</sup>	(\$441,640)	(\$625,399)	-	-	(\$678,101)
Change in Amortized Cost	\$91,098	\$324,328	-	-	\$453,840
Total Earnings	(\$77,571)	\$494,610	-	-	\$913,493

<sup>1.</sup> The lesser of 10 years or since inception is shown. Performance inception date is December 31, 2021.

<sup>2.</sup> Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.

<sup>3.</sup> Realized gains / (losses) are shown on an amortized cost basis.

### Fixed-Income Sector Outlook - 4Q 2023



**Issuer Distribution** 

## **Issuer Diversification**

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
U.S. Treasury	62.9%	
UNITED STATES TREASURY	62.9%	AA / Aaa / AA
Agency CMBS	9.8%	
FANNIE MAE	1.0%	AA / Aaa / AA
FREDDIE MAC	8.9%	AA / Aaa / AA
Negotiable CD	2.0%	
RABOBANK NEDERLAND	1.0%	A / Aa / AA
TORONTO-DOMINION BANK	1.0%	A/A/NR
Corporate	21.0%	
3M COMPANY	0.6%	BBB / A / NR
ADOBE INC	0.6%	A/A/NR
AMAZON.COM INC	1.2%	AA / A / AA
APPLE INC	2.6%	AA / Aaa / NR
BANK OF AMERICA CO	1.5%	A / Aa / AA
BRISTOL-MYERS SQUIBB CO	0.7%	A/A/NR
BURLINGTON NORTHERN SANTA FE	0.6%	AA / A / NR
CITIGROUP INC	1.5%	A / Aa / A
DEERE & COMPANY	0.7%	A/A/A
GOOGLE INC	1.0%	AA / Aa / NR
HOME DEPOT INC	1.0%	A/A/A
JP MORGAN CHASE & CO	0.6%	A/A/AA
MASTERCARD INC	1.5%	A / Aa / NR
PACCAR FINANCIAL CORP	0.8%	A/A/NR
STATE STREET CORPORATION	0.6%	A/A/AA
TARGET CORP	0.6%	A/A/A
TEXAS INSTRUMENTS INC	1.0%	A / Aa / NR
THE BANK OF NEW YORK MELLON CORPORATION	0.8%	A/A/AA

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
Corporate	21.0%	
TOYOTA MOTOR CORP	0.6%	A/A/A
WAL-MART STORES INC	1.0%	AA / Aa / AA
WELLS FARGO & COMPANY	1.5%	A / Aa / AA
ABS	4.3%	
AMERICAN EXPRESS CO	0.8%	AAA / NR / AAA
CHASE ISSURANCE	0.8%	AAA / NR / AAA
FIFTH THIRD AUTO TRUST	0.7%	AAA / Aaa / NR
HONDA AUTO RECEIVABLES	0.8%	AAA / Aaa / AAA
HYUNDAI AUTO RECEIVABLES	0.1%	AAA / NR / AAA
TOYOTA MOTOR CORP	0.2%	AAA / NR / AAA
USAA AUTO OWNER TRUST	0.8%	AAA / Aaa / NR
Total	100.0%	

Ratings shown are calculated by assigning a numeral value to each security rating, then calculating a weighted average rating for each security type / issuer category using all available security ratings, excluding Not-Rated (NR) ratings. For security type / issuer categories where a rating from the applicable NRSRO is not available, a rating of NR is assigned. Includes accrued interest and excludes balances invested in overnight funds.

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- 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.
- Asset-Backed Security: A financial instrument collateralized by an underlying pool of assets usually ones that generate a cash flow from debt, such as loans, leases, credit card balances, and receivables.
- Bankers' Acceptance: A draft or bill or exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the insurer.
- Commercial Paper: An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- Contribution to Total Return: The weight of each individual security multiplied by its return, then summed for each sector to determine how much each sector added or subtracted from the overall portfolio performance.
- 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.
- Supranational: A multinational union or association in which member countries cede authority and sovereignty on at least some internal matters to the group, whose decisions are binding on its members.
- 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.

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