# PRINCE WILLIAM Finance

Investment Performance Report

Fourth Quarter-Fiscal Year 2022 (For the Quarter Ending June 30, 2022)

# This report was reviewed and accepted by the Prince William County Investment Oversight Committee on August 24, 2022

Chairman

Michelle L. Attreed, Finance Director/CFO

Standing Member

Timothy M. Leclerc, Deputy Finance Director

Appointed by County Executive

Michelle Casciato, Deputy County Executive

Dave Sinclair, Budget Director

Wade Hugh, Director of Development Services

Citizen Members Appointed by the Board of County Supervisors

Mr. Bill Brogdon

Mr. Todd Hewitt

# **EXECUTIVE SUMMARY**

This report reflects the FY 2022 fourth quarter performance of the County's investment management program for the quarter ended June 30, 2022, prepared in accordance with the County's Investment Policy reporting guidelines. Prince William County's *Principles of Sound Financial Management* and Investment Policy adopted by the Board of County Supervisors (BOCS) require that the County's investment program meet four criteria, listed below in order of importance:

- **Legality** "Investment instruments shall, at a minimum, be limited to security, issuers and maturities in compliance with the Code of Virginia (1950) as amended"
- **Safety** "The next objective is the preservation of capital and the protection of investment principal. The County will employ mechanisms to control risks and diversify its investments regarding specific security types or individual financial institutions"
- **Liquidity -** *"The investment portfolio will remain sufficiently liquid to enable the County to meet operating requirements which might be reasonably anticipated"*
- **Yield -** *"The County will maximize yield on the portfolio but will avoid unreasonable investment risk to preserve the purchasing power of the portfolio"*

The General Portfolio's performance during the quarter was consistent with prevailing market conditions. Attempting to combat inflationary pressure, the Federal Reserve has implemented four increases to the Federal Funds rate to a current range of 2.25% - 2.50%. With uncertainty around the level of financial tightening still necessary to drive inflation down to the Fed's 2% target, Treasury Management has endeavored to assuage interest rate risk through shorter duration asset purchases, while targeting yield enhancement opportunities to strengthen investment income earnings.

# **INVESTMENT PORTFOLIO STRUCTURE**

The County's General Portfolio is comprised of all funds except certain restricted and special funds, i.e., bond proceeds, escrow, pension funds and self-insurance funds. All general fund interest income is earned from securities in the general portfolio. Bond proceeds are invested in accordance with the requirements and restrictions outlined in the bond documents as directed by the Debt Management Team and reported and provided as an attachment to this report.

# **INVESTMENT STRATEGY**

The County's current investment strategy addresses the requirements of legality, safety, and liquidity by investing in a diversified portfolio of specific security types and financial institutions while maintaining sufficient liquidity to meet anticipated operating requirements. Furthermore, the County seeks to match its cash flow needs to the maturity structure of the portfolio to enhance yield. The current investment strategy attempts to:

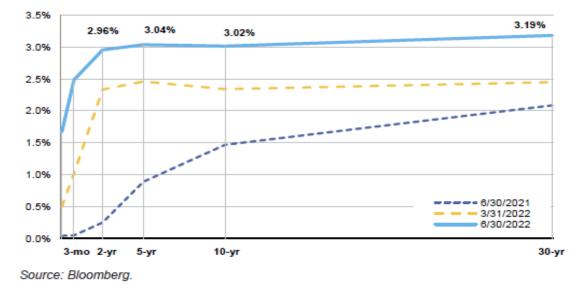
- (1) Avoid the premature sale of investments to meet day-to-day operating requirements.
- (2) Maintain higher balances in short-term investments when longer-term interest rates are not favorable.
- (3) Further diversify short-term investment options to reduce dependency on money market funds.

# **EXCEPTIONS TO INVESTMENT POLICY**

In accordance with Section 60-17 of the Investment Policy, specific exceptions to the policy guidelines are to be included as part of this report. There were no exceptions to the Investment Policy during the quarter ended June 30, 2022.

# MARKET COMMENTARY

Sparked by escalating inflation, rising interest rates and growth concerns, an excruciating first half of 2022 for U.S. equity and fixed income markets closed with the S&P 500 down 20.5% and the Bloomberg U.S. Aggregate Bond Index falling 9.6%. Moving through the second half of this year investors will face the daunting prospect of navigating a labyrinth of economic uncertainty, highlighted by conflicting economic data and recession concerns. While compelling second quarter earnings, a resilient consumer and solid labor market conditions have spurred the S&P 500 to rally nearly 12% since the beginning of July, Federal Reserve officials have recently indicated they are not inclined to ease financial tightening until key measures of inflation, such as wage pressure and core inflation, are not only cooling but will cease to reemerge. Assuming the Fed follows through on its commitment to prioritize price stability, future corporate earnings stand to come under downward pressure as a slowdown in economic activity becomes broad-based. In the event a significant repricing of equity risk occurs, a Treasury market rally could ensue as investors seek to allocate holdings into the safety of U.S. Government bonds. Under such a scenario, high-grade corporations could potentially benefit from lower borrowing costs which may partially offset profit margin compression as a weakening in economic conditions gains momentum. Concurrently, fixed income investors holding high-quality assets (e.g. - Treasuries) could realize a measure of price appreciation after seeing their positions battered by rising interest rates. The downside? If inflation remains elevated and persistent, the result would be an easing of financial conditions, a backdrop that would further complicate the Fed's ability to effectively contest inflationary pressure. This is but one example amid a variety of possible developments that pose challenges to investors' asset allocation strategy and the Fed's effort to mitigate economic hardship for millions of Americans.



#### U.S. Treasury Yield Curve

# **PORTFOLIO HIGHLIGHTS**

# > Portfolio Performance

Investment performance is presented on both a total return basis, which includes the impact of adjusting investments to market value, and on an earnings yield basis. Total return is made up of two primary components. The first is the earnings/yield income component which is comprised of coupon interest rates, principal value invested, and the time-period of the investments being measured. That component of total return remains relatively stable and moves slowly as new investments are added to the portfolio or investments are removed from the portfolio as securities mature. The second component of total return is determined by the change in market value<sup>1</sup> of the securities at the end of the period being measured. This portion of the total return can be volatile given changes in the economic environment, Federal Reserve Board (FRB) rate policies, and significant geopolitical events.

The target federal funds rate is a significant driver behind the average yield and return characteristics of Prince William County's portfolio. In addition, factors such as prevailing interest rates at the time assets are purchased or sold, market volatility, the General Portfolio's duration, and cash flow requirements can impact overall portfolio yield and total return performance.

Persistent inflationary pressure throughout the quarter, coupled with a hawkish tone emanating from Federal Reserve officials, propelled interest rates higher across the Treasury yield curve. These factors contributed to General Portfolio assets declining -7.18% on a total return basis. Federal agency securities, normally the primary driver of cumulative total return, fell in value by -10.0%. Municipal and corporate holdings also extracted a toll on the portfolio's overall total return profile, falling -10.0% and -5.2%, respectively. Assuming Fed Funds rate increases currently priced into the Treasury market hold at current levels, portfolio earnings should increase at a modest pace through the remainder of calendar year 2022.

Quarterly Change	FY 2022 Q4	FY 2022 Q3
Total Return	-7.18%	-13.18% <sup>2</sup>
Earnings Yield	1.16%	0.85%

Annual Change	FY 2022 Q4	FY 2021 Q4
Total Return	-7.18%	4.11%
Earnings Yield	1.16%	0.97%

<sup>&</sup>lt;sup>1</sup> A change in market value will not impact future cash flow.

<sup>&</sup>lt;sup>2</sup> The FY 2022 Q3 version of this report reflected a Q3 total return decline of -17.37%. The calculation error was discovered after the Investment Oversight Committee meeting on May 26, 2022.

# Investment Earnings

On a total return basis, the General Portfolio's value declined \$-26.8 million for the quarter. The General Fund portion of investment earnings recorded through May is \$6.8 million. Treasury Management anticipates FY 2022 investment income will be approximately \$7.5 million, which would equate to an estimated surplus of \$1.7 million versus the adopted forecast of \$5.8 million.

## > Market Value

The amortized value of the County's portfolio at quarter end was \$1.491 billion and the market value was \$1.384 billion. This represents an unrealized marked-to-market loss of \$107.4 million, a decrease of 7.2%.

## Investment Activity

Mature/call transactions over the quarter were a mixture of certificates of deposit, commercial paper, and corporate bonds. Funds available to invest flowed predominantly into corporate and municipal securities as pockets of relative value materialized from late May through mid-June. Corporate and municipal purchases generated a weighted yield-to-maturity of 3.44% and 3.04%, respectively. Remaining funds available to invest were allocated into federal agency bonds and commercial paper. On a weighted basis, total purchases produced a yield-to-maturity of 2.92%, a 166 basis points increase compared to the prior quarter.

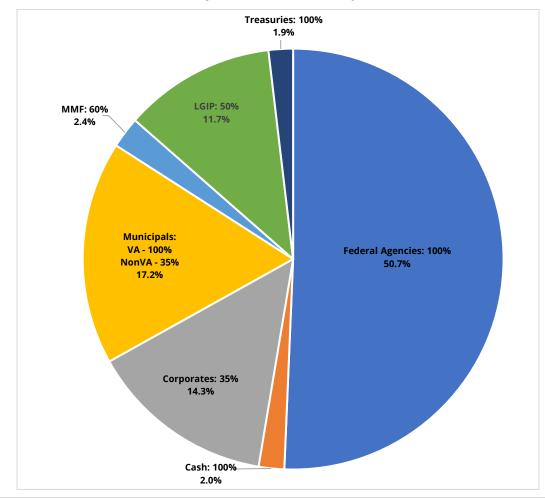
Transactions	Par Value (millions)	Yield
Purchase	\$103.7	2.92%
Mature/Call	\$39.3	0.96%

# > Maturity

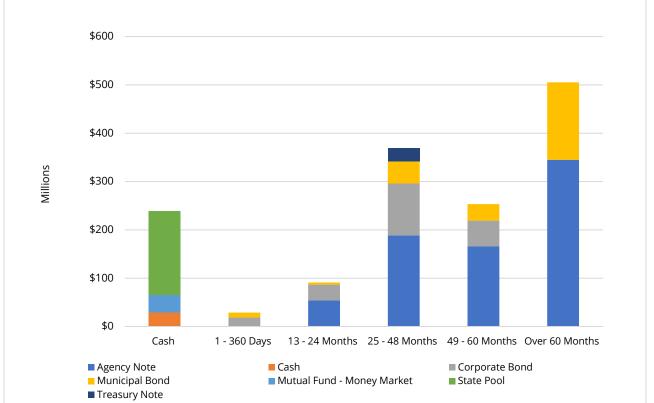
The weighted average maturity (WAM) of total General Portfolio assets on June 30, 2022, was 3.9 years, while the average days to maturity on a callable life basis was 618 days. Portfolio duration at quarter end was 3.8 years.

# > Portfolio Composition

Investments held by the County are diversified to control the risk of loss resulting from overconcentration of assets in a specific security or class of securities. The pie chart on the next page presents the investment guideline limits for each asset category and the percentage of assets held on June 30, 2022 by investment type, while the bar chart displays the maturity distribution of County holdings by investment category.

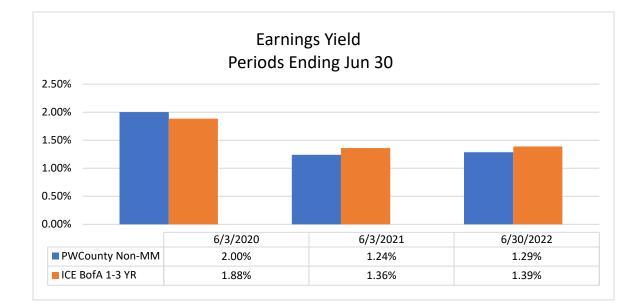


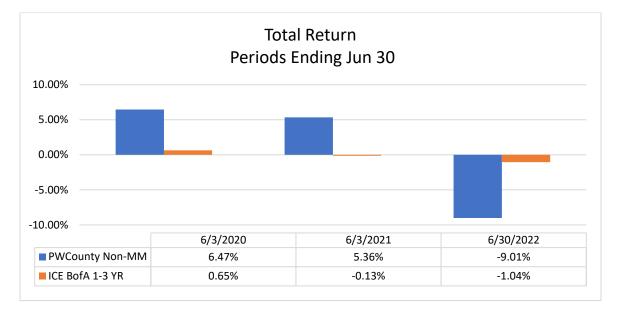
# Portfolio Composition & Maturity Distribution



# > Performance Benchmarks (QTR)

For the quarter ended June 30, the County's earnings yield of 1.29% on non-money market holdings underperformed the ICE BofA 1-3 year Treasury index by 10 basis points. Total return for the same group of assets declined by -9.01% versus the benchmark's decline of -1.04%. The County's total cash/cash equivalents yield of 0.60% underperformed the Virginia Local Government Investment Pool's (LGIP) yield on assets of 0.83%. While the possibility the Federal Reserve may need to raise the Federal Funds rate above current market expectations to curtail inflation would be a headwind to the County's non-money market total return profile, funds available to invest in the current interest rate environment should continue provide a modest earnings yield increase.





# > Performance Benchmarks (FYTD)

With the Federal Reserve having raised the Federal Funds rate to a range of 2.25% - 2.50%, and additional rate hikes on the horizon, income generation on cash/cash equivalent instruments is anticipated to steadily move higher in the months ahead. Notwithstanding dynamic factors such as geopolitical challenges and rising recession risk, inflationary pressure has laid the foundation for a higher interest rate environment over the remainder of this year and into 2023, potentially challenging price appreciation of the County's fixed income assets over the near-term future. Despite interest rates rising at a rapid pace over the final six months of FY 2022, which levied quarterly total return declines of -13.18% and -7.18%, measures taken to reduce the impact of interest rate risk mitigated the General Portfolio's total return decline for fiscal 2022 to -5.63%. The table below provides year-over-year average returns for the County's General Portfolio, the ICE BofA Treasury Index, Virginia LGIP, and select government securities.

Performance Benchmarks (FYTD)	Jul-2021 to Jun-2022	Jul-2020 to Jun-2021
PWC General Portfolio		
Total Return	-5.63%	0.00%
Earnings Yield	0.92%	1.04%
ICE BofA Index		
Total Return 1-3 Yr. Treasury	-3.29%	0.09%
Earnings Yield 1-3 Yr. Treasury	1.27%	1.53%
Virginia LGIP	0.31%	0.19%
90 Day U.S. Treasury Bill	0.38%	0.07%
2 Yr. U.S. Treasury Note	1.23%	0.15%

#### Attachment A

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(	CUSIP	Invest	Security	Purchase	Call	30/2022 Yield Y		Original	Original	Original	Orig Prem	Ending	Ending	Ending
3133EMHL9		Number 21-0079	Description FFCB 0.31 11/30/23	Date 12/03/20	Date 11/30/21	Matur C		Unit Cost 0.999300	Par Val/Shares 10,000,000.00	Princ/Cost 9,993,000.00	Discount 7.000.00	Unit Price 1.000000	Par Val/Shares 10,000,000.00	Amor Val/Cost 10,000,000.00
3135GA6J5		21-0073	FNMA 0.32 12/07/23	12/03/20	12/07/21	0.3200 0.3		1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3135GA5A5		21-0071	FNMA 0.35 02/23/24	11/27/20	11/23/22	0.3500 0.3		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWYD2		21-0056	FHLMC 0.375 04/08/24	11/04/20	10/08/21	0.3750 0.3		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWYD2		21-0075	FHLMC 0.375 04/08/24	11/27/20	10/08/21	0.3750 0.3		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GXRX4		22-0085	FHLMC 3.00 05/17/24	05/20/22	06/17/22	3.0000 3.0	.0000	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GXXL3		22-0098	FHLMC 3.03 06/28/24	06/28/22	12/28/22	3.0300 3.0	.0300	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GXB78		22-0100	FHLMC 3.71 06/28/24	06/28/22	12/28/22	3.7100 3.7	.7100	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EL4J0		21-0025	FFCB 0.47 08/19/24	08/19/20	08/12/22	0.4700 0.4	.4700	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EMCY6		21-0051	FFCB 0.43 10/15/24	10/15/20	08/12/22	0.4300 0.4	.4300	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GXDZ4		21-0069	FHLMC 0.45 11/15/24	11/25/20	11/25/22	0.4500 0.4		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GXDZ4		21-0072	FHLMC 0.45 11/15/24	11/27/20	11/25/22	0.4500 0.4		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130APRA5		22-0041	FHLB 1.10 11/15/24	11/15/21	08/12/22			1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ANHV5		22-0010	FHLB 0.55 12/19/24	08/19/21	11/19/21	0.5500 0.		1.000000	4,060,000.00	4,060,000.00	0.00	1.000000	4,060,000.00	4,060,000.00
3130AQAE3		22-0048	FHLB 1.20 12/27/24	12/27/21	08/12/22	1.2000 1.2		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3137EAEP0		21-0078	FHLMC 1.50 02/12/25	12/02/20	Open	0.4051 0.4		1.045490	10,000,000.00	10,454,900.00	-454,900.00	1.028439	10,000,000.00	10,284,391.66
3130AMHQ8 3130AQYP2		21-0141 22-0071	FHLB 0.625 02/27/25 FHLB 2.05 02/27/25	05/27/21 02/28/22	08/27/21 05/27/22	0.6250 0.0		1.000000 1.000000	5,000,000.00	5,000,000.00	0.00 0.00	1.000000	5,000,000.00	5,000,000.00
3130AQ1P2 3130AK2L9		22-0071	FHLB 2.05 02/27/25 FHLB 0.55 03/04/25	02/28/22	05/27/22			1.000000	5,000,000.00 5,000,000.00	5,000,000.00 5,000,000.00	0.00	1.000000	5,000,000.00 5,000,000.00	5,000,000.00 5,000,000.00
3130AK2L9 3133ENSV3		21-0037	FFCB 2.62 03/28/25	09/04/20	08/12/22	2.6200 2.0		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ANBU3		22-0075	FHLB 0.70 04/29/25	03/28/22	10/29/21	0.7000 0.3		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ANKD1		22-0007	FHLB 0.65 05/23/25	07/29/21	10/29/21	0.6500 0.0		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3136G4ZR7		22-0011	FNMA 0.70 07/21/25	07/21/20	07/21/21	0.7000 0.1		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWAU0		21-0010	FHLMC 0.50 07/23/25	07/23/20	07/23/21	0.5304 0.0		0.998500	5,000,000.00	4,992,500.00	7,500.00	1.000000	5,000,000.00	5,000,000.00
3133EL2U7		21-0013	FFCB 0.68 08/04/25	08/04/20	08/12/22	0.6800 0.0		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130AQ5Y5		22-0052	FHLB 1.30 09/30/25	12/30/21	03/30/22			1.000000	4,650,000.00	4,650,000.00	0.00	1.000000	4,650,000.00	4,650,000.00
3133EMCP5		21-0046	FFCB 0.52 10/14/25	10/14/20	08/12/22	0.5403 0.0		0.999000	5,000,000.00	4,995,000.00	5,000.00	1.000000	5,000,000.00	5,000,000.00
3134GWXX9		21-0044	FHLMC 0.55 10/15/25	10/15/20	10/15/21	0.5500 0.		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3135GA2Z3		21-0090	FNMA 0.56 11/17/25	12/10/20	11/17/22	0.5662 0.		0.999700	9,000,000.00	8,997,300.00	2,700.00	0.999941	9,000,000.00	8,999,471.78
3133ENEG1		22-0045	FFCB 1.05 11/17/25	11/17/21	Open	1.1154 1.		0.997447	5,000,000.00	4,987,235.25	12,764.75	0.997837	5,000,000.00	4,989,184.57
3135GA4P3		21-0074	FNMA 0.65 11/18/25	11/18/20	11/18/23	0.6500 0.0	.6500	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GXFA7		21-0076	FHLMC 0.65 11/26/25	11/30/20	11/26/21	0.6500 0.0	.6500	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EMJT0		21-0082	FFCB 0.60 12/09/25	12/09/20	08/12/22	0.6000 0.0	.6000	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3130AKJW7		21-0088	FHLB 0.60 12/15/25	12/15/20	08/12/22	0.6000 0.0	.6000	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3133ENLD0		22-0063	FFCB 1.53 01/26/26	01/26/22	08/12/22	1.5300 1.	.5300	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AKXQ4		21-0119	FHLB 0.60 02/12/26	02/12/21	05/12/21	0.6000 0.0	.6000	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130ANPT1		22-0014	FHLB 1.35 02/25/26	08/25/21	08/28/23	0.9180 0.3	.3992	1.019000	7,000,000.00	7,133,000.00	-133,000.00	1.010976	7,000,000.00	7,076,832.93
3130AN3J7		22-0003	FHLB 1.00 04/13/26	07/13/21	10/13/21	1.0000 1.0	.0000	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AM7K2		21-0137	FHLB 0.75 04/30/26	04/30/21	07/30/21	0.7500 0.3	7500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AJTE9		21-0008	FHLB 0.89 07/15/26	07/15/20	08/12/22	0.8900 0.8	.8900	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130AN6D7		22-0004	FHLB 1.125 07/29/26	07/29/21	10/29/21	1.1250 1.		1.000000	4,400,000.00	4,400,000.00	0.00	1.000000	4,400,000.00	4,400,000.00
3133EL3X0		21-0023	FFCB 0.70 08/13/26	08/13/20	08/12/22	0.7300 1.4		0.998240	7,000,000.00	6,987,680.00	12,320.00	1.000000	7,000,000.00	7,000,000.00
3130ANPF1		22-0015	FHLB 1.00 08/25/26	08/25/21	Open	1.0000 1.0		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EL4Z4		21-0034	FFCB 0.68 08/26/26	08/26/20	08/26/22	0.6800 0.0		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130ANNA4		22-0013	FHLB 1.50 08/28/26	08/30/21	08/28/23	1.0557 0.4		1.021560	7,000,000.00	7,150,920.00	-150,920.00	1.012542	7,000,000.00	7,087,794.86
3135G0Q22		21-0060	FNMA 1.875 09/24/26	11/10/20	Open	0.6500 0.0		1.070464	7,000,000.00	7,493,248.00	-493,248.00	1.051034	7,000,000.00	7,357,238.63
3135G0Q22		21-0077	FNMA 1.875 09/24/26	12/02/20	Open	0.6011 0.0		1.072640	10,000,000.00	10,726,400.00	-726,400.00	1.053133	10,000,000.00	10,531,330.20
3134GWYE0		21-0045	FHLMC 0.70 10/15/26	10/15/20	04/15/21	0.7000 0.3		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130AKC46		21-0048	FHLB 0.72 10/19/26	10/19/20	08/12/22	0.7200 0.1		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130APDQ5		22-0040	FHLB 1.25 10/28/26	10/28/21	01/28/22	1.2500 1.2		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130A9YY1		20-0050	FHLB 2.125 12/11/26	12/20/19	Open	2.0061 2.0		1.007700	8,000,000.00	8,061,600.00	-61,600.00	1.005031	8,000,000.00	8,040,246.96
3133EMKK7		21-0087	FFCB 0.75 12/16/26	12/16/20	08/12/22	0.7500 0.7		1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3134GXJD7		21-0089	FHLMC 0.72 12/21/26	12/21/20	12/21/21	0.7200 0.1		1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3133EMMB5 3130AHX32		21-0103	FFCB 0.64 01/05/27 FHLB 2.05 01/27/27	01/06/21 01/27/20	08/12/22	0.6400 0.0		1.000000 1.000000	7,000,000.00 5,000,000.00	7,000,000.00 5,000,000.00	0.00 0.00	1.000000	7,000,000.00 5,000,000.00	7,000,000.00 5,000,000.00
STOUATING		20-0005	TTILD 2.03 01/21/21	01/27/20	00/12/22	2.0000 2.0	0000	1.000000	5,000,000.00	3,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00

			Р	rince W			ty						
CUSIP	Inve	est Secu	ritv Purchase		30/2021 Yield	_	Original	Original	Original	Orig Prem	Ending	Ending	Ending
	Num			Date	Matur	Call	Unit Cost	Par Val/Shares	Princ/Cost	Discount	Unit Price	Par Val/Shares	Amor Val/Cost
3133EMNW8	21-01		01/27/21	01/27/23	0.7000		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130AL5A8	21-01		02/26/21	05/26/21	0.9000		1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3134GWT63	21-00		09/24/20	03/24/21	0.7500		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EMUQ3	21-01		03/30/21	08/12/22	1.3000		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133ELZ23	21-00		07/27/20	10/27/20	0.9800		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EMET5	21-00		12/16/20	08/12/22	0.7900		1.000000	6,738,000.00	6,738,000.00	0.00	1.000000	6,738,000.00	6,738,000.00
3133EMKZ4 3130AJYV5	21-00		12/21/20 08/24/20	08/12/22 08/12/22	0.7900 0.9350		1.000000 1.000000	10,000,000.00 7,000,000.00	10,000,000.00	0.00 0.00	1.000000 1.000000	10,000,000.00 7,000,000.00	10,000,000.00 7,000,000.00
3136G42A0	21-00		08/24/20		0.8000		1.000000	7,000,000.00	7,000,000.00 7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3130AJYZ6	21-00		09/02/20	08/12/22	0.9000		1.000000	6,730,000.00	6,730,000.00	0.00	1.000000	6,730,000.00	6,730,000.00
3135G05Y5	21-00		11/10/20	Open	0.8601		0.992630	7,000,000.00	6,948,410.00	51,590.00	0.994342	7,000,000.00	6,960,396.94
3135G05Y5	21-01		01/21/21	Open	0.8095		0.996120	3,000,000.00	2,988,360.00	11,640.00	0.996939	3,000,000.00	2,990,815.97
3135G05Y5	21-01		01/21/21	Open	0.8110		0.996020	4,053,000.00	4,036,869.06	16,130.94	0.996860	4,053,000.00	4,040,272.32
3135GAB42	21-00	84 FNMA 0.875 12/14/27	12/14/20	12/14/22	0.8750	0.8750	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3133ENHD5	22-00	49 FFCB 1.78 12/14/27	12/14/21	08/12/22	1.7800	1.7800	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GWWZ5	21-004	42 FHLMC 0.85 12/30/27	09/30/20	09/30/21	0.8500	0.8500	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3135GACQ2	21-01	05 FNMA 1.02 01/19/28	01/19/21	07/19/21	1.0200	1.0200	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EMUS9	21-01	31 FFCB 1.50 03/30/28	03/30/21	03/30/23	1.5000	1.5000	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133EMLU4	21-00		12/29/20	08/12/22	0.9500		1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3133EL5U4	21-00		09/01/20	08/12/22			1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	10,000,000.00	10,000,000.00
3130APD77	22-00		10/06/21		1.5400		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GWDS2	21-00		07/29/20	01/29/21	1.1500		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3134GWAF3	21-00		07/27/20	01/27/21	1.2000		1.000000	6,660,000.00	6,660,000.00	0.00	1.000000	6,660,000.00	6,660,000.00
3133EMN65 3134GWAB2	22-00		07/07/21 07/20/20	08/12/22 10/20/20	1.6141 1.2500		0.999690 1.000000	5,000,000.00 7,000,000.00	4,998,450.00 7,000,000.00	1,550.00 0.00	0.999996	5,000,000.00 7,000,000.00	4,999,978.34 7,000,000.00
3133EL4P6	21-00		07/20/20 08/25/20	08/12/22	1.1400		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EL6D1	21-00		09/10/20	08/12/22		1.2300	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133ELEN0	20-004		12/18/19	12/18/24	2.2870		0.996710	7,000,000.00	6,976,970.00	23,030.00	0.998331	7,000,000.00	6,988,320.27
3133ELEN0	20-004		12/19/19	12/18/24		2.3601	0.994840	5,000,000.00	4,974,200.00	25,800.00	0.997381	5,000,000.00	4,986,903.16
3130AHY64	20-00	66 FHLB 2.37 01/28/30	01/28/20	08/12/22	2.3700	2.3700	1.000000	9,900,000.00	9,900,000.00	0.00	1.000000	9,900,000.00	9,900,000.00
3130AHYJ6	20-00	67 FHLB 2.23 01/30/30	01/30/20	01/30/23	2.2300	2.2300	1.000000	10,000,000.00	10,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AHY72	20-00	68 FHLB 2.25 01/30/30	01/30/20	01/30/23	2.2500	2.2500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3133ELMB7	21-00	67 FFCB 2.12 02/05/30	11/19/20	02/05/25	1.4507	0.7308	1.057500	6,000,000.00	6,345,000.00	-345,000.00	1.035635	6,000,000.00	6,213,810.79
3133ELMB7	21-00	68 FFCB 2.12 02/05/30	11/24/20	02/05/25	1.4555	0.7382	1.057000	6,000,000.00	6,342,000.00	-342,000.00	1.035442	6,000,000.00	6,212,654.44
3130AL3Q5	21-01	22 FHLB 1.25 02/11/30	02/11/21	02/11/22	1.2500	1.2500	1.000000	7,500,000.00	7,500,000.00	0.00	1.000000	7,500,000.00	7,500,000.00
3133ELNN0	20-00		02/19/20	02/19/25	2.0800		1.000000	8,000,000.00	8,000,000.00	0.00	1.000000	8,000,000.00	8,000,000.00
3133ELNN0	20-00		02/19/20	02/19/25	2.0800		1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
3130AJ7L7	20-00		02/28/20	08/12/22			1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
3133ELXP4	20-01		04/29/20	08/12/22	1.6800		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133ELB86 3133ELD84	20-01-		06/02/20 06/03/20	08/12/22 06/03/25	1.4000 1.2800		1.000000 1.000000	7,000,000.00	7,000,000.00	0.00 0.00	1.000000	7,000,000.00	7,000,000.00
3133ELD84 3133ELM43	20-012		06/03/20	06/03/25	1.2800		1.000000	7,000,000.00 5,000,000.00	7,000,000.00 5,000,000.00	0.00	1.000000	7,000,000.00 5,000,000.00	7,000,000.00 5,000,000.00
3133EMAZ5	21-00		09/28/20	08/12/22	1.2637		0.998750	7,000,000.00	6,991,250.00	8,750.00	1.000000	7,000,000.00	7,000,000.00
3134GWAN6	21-00		07/22/20	07/22/21	1.3000		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GV7L6	21-00		07/29/20	01/29/21	1.3500		1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWGG5	21-00		07/29/20	07/29/21	1.1872		0.996500	7,000,000.00	6,975,500.00	24,500.00	1.000000	7,000,000.00	7,000,000.00
3135G05Q2	21-00		12/16/20	Open	1.1020		0.979300	10,000,000.00	9,793,000.00	207,000.00	0.982469	10,000,000.00	9,824,687.02
3136G4J79	21-00		08/13/20	08/12/22		1.2577	0.996900	7,000,000.00	6,978,300.00	21,700.00	0.999822	7,000,000.00	6,998,750.99
3134GWKG0	21-00	22 FHLMC 1.25 08/19/30	08/19/20	02/19/21	1.2500	1.2500	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3134GWRV0	21-00	27 FHLMC 1.30 08/26/30	08/26/20	02/26/21	1.3000	1.3000	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
3133EL6L3	21-00	38 FFCB 1.32 09/09/30	09/09/20	08/12/22	1.3200	1.3200	1.000000	7,800,000.00	7,800,000.00	0.00	1.000000	7,800,000.00	7,800,000.00
3133EMFG2	21-00	57 FFCB 1.37 11/04/30	11/05/20	08/12/22	1.3764	1.6081	0.999400	7,000,000.00	6,995,800.00	4,200.00	1.000000	7,000,000.00	7,000,000.00
3133EMKC5	21-00	85 FFCB 1.43 12/11/30	12/11/20	08/12/22	1.4354	1.6250	0.999500	9,370,000.00	9,365,315.00	4,685.00	1.000000	9,370,000.00	9,370,000.00
3135GABJ9	21-00		12/30/20	12/30/21	1.3032		0.999700	10,000,000.00	9,997,000.00	3,000.00	1.000000	10,000,000.00	10,000,000.00
3133EMNB4	21-01	06 FFCB 1.38 01/14/31	01/14/21	08/12/22	1.4015	1.5824	0.998000	10,000,000.00	9,980,000.00	20,000.00	1.000000	10,000,000.00	10,000,000.00

CLSP  Invest  Security  Parts  Con  Matrix  Call  Matrix  Designed  Parts  Construct  Designed  Designed  Parts  Construct  Designed  Parts  Construct  Designed  Parts  Construct  Designed  Parts  Construct  Parts  Parts  Construct  Parts				Р	rince W 6/3	<b>illiam</b> 30/2022		ty						
Simulation  21-012  PHLP 19 (2015)  PHTP21	CUSIP				Call	Yield	Yield					•	•	•
spence fact	3130AKTE6	21-0111	FHLB 1.00 01/27/31	01/27/21	07/27/21	1.4816	2.0000	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
Jines Kar2  APC dot  Cent  Unit Number July 200  Sign 200 <td>3130AL3L6</td> <td>21-0123</td> <td>FHLB 1.50 02/18/31</td> <td>02/18/21</td> <td>05/18/21</td> <td>1.5000</td> <td>1.5000</td> <td></td> <td></td> <td></td> <td>0.00</td> <td></td> <td></td> <td></td>	3130AL3L6	21-0123	FHLB 1.50 02/18/31	02/18/21	05/18/21	1.5000	1.5000				0.00			
bits  Brain  Cash Total  Brain														
Cash Tool  Field To					•									
BR2HTGE  16-02  Type Move Coeff Cyrp 2:2 11/32/2  11/21/D  Open  1587  1587  0.5800.000  4.649.50.00  5.000.000  6.499.910  6.5000.000  6.499.50.00  6.5000.000  6.500.000  6.5000.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000  6.500.000		AR-0339	Cash	08/30/13	Open									
SH140, UBS  19-046  Teores Medic Operation 1.571  01/103  0.000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  6.500, 0000  5.501, 500  500, 500  <									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DB23106L5  20178  Com Mail Copender 1571 041623  041702  Com  1.3871 1.0814  1.300.00.00  1.5277100  -771000  1.0717  1.000.000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.00000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  5.571.550  1.520.0000  <			· ·		•						-			
DB23 GBLS  2015  Exon Med Copensin 1571 04152  04202  0581 1381  108770  1.13120000  1.2002221  7.282.21  0.0180  5.000.000  4.267.783.26    V1151FAD  20000  Typet March  1.365 01.0120  1.280.0200  7.855.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  7.355.600  <														
DB215(BL)  20138  Sum Mobi Corporation 1571  0415220  007230  40002000  40528200  40528000  40528000  40528000  40528000  40528000  40528000  40528000  40528000  40528000  40528000  40528000  40528000  40528000  40528000  40528000  4271800  107742  40000000  40528100  40528000  5271800  271800  107742  40000000  55871600  3251800  107742  40000000  55871600  3251800  107742  40000000  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800  5271800 <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					•									
TH31FAD  20022  PECCA Global Funding 11.3.6 000123  112PI  0 mp  2.082  2.084  0.080  6.550.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000  7.155.000											1 -			11 -
BE2251ND  20003  Torport More Crieft Crip 3.45 (19/20/2)  120/010  Cprim 1.452  1.06320  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.71.650.00  2.72.50.00  2.72.50.00  2.71.650.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00  2.72.50.00 <td></td> <td>-</td> <td></td> <td></td> <td></td>											-			
Partage  91-000  Municad Sex Cheming 14.0 120723  010621  Cpm  0.3146  0.1204  2.004.080.0  -4.680.00  1.01152  2.000.000  5.791.510.0    0277532G3  20002  Apple Inc. 3.00  0007244  112111  12002  2.002  1.0113  2.221.120.0  1.01457  5.000.000  5.791.510.0    DYE20WKV1  20005  Mass Munal Clobel Funding 3.80  0.010024  112211  0.0100  3.112.200.00.00  3.012.000  3.012.000  3.0100.000  3.112.901.1    DYE20WKV1  20006  Mass Munal Clobel Funding 3.80  0.010724  120212  100724  2.012  2.0002  3.014.988.0  0.122.00  1.02714  3.000.000  3.128.971.1    RESEWKDG  2.0001  Mass Munal Clobel Funding 3.80  0.10724  1.00724  2.012  2.0122  1.00724  2.012  2.0100.000  4.988.90  1.028.91  4.988.91  1.988.91  1.988.91  1.988.91  1.988.91  1.988.91  1.988.91  1.988.91  1.988.91  1.988.91  1.988.91  1.988.91  1			ů.		•									
SD217021*G  20:000  Mex Lie Global Funding 1.360 04/0724  12:131*  0 cm  2:1202  12:021  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  5:02:00.00  2:22:00  6:02:00.00  2:22:00  6:02:00.00  2:22:00:00  2:22:00  6:02:00.00  2:22:00  6:02:00.00  2:22:00:00  2:02:00  1:02:00  2:00:00  0:03:14:11    MSXNDDS  2:00:00  3:04:00  0:00:00  0:01:01:01  3:33:40:00  0:03:33:41:11    MSXNDDS  2:00:00  1:00:72  1:00:72  1:00:72  1:00:72  1:00:72  1:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00  1:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00  1:00:00:00 <			· ·											
D375330G3  200003  Apps Inc. 3.00 2002/ki Apps Inc. 3.00 2002/ki App Inc. 3.00 4.0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000  5.000,0000 5.000,0000 5.000,0000 <td></td> <td></td> <td>5</td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>			5		•						-			
SPR220WPV  20008  Mass Mutual Global Funding 3:00 040924  121/10  Open  2.172  1.98620  2.100.000  1.92.9700  1.02.9771  3.000.0000  3.112.9711    SPR220WPV  20007  New York Life Global Funding 1.712  1.7220  1.7212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.9212  1.921			č											
SPE32W31  S20060  Mass Mutual Global Turuming 3.60 460924  OP/22 V2020  Colong Value Value Global Turuming 3.60 460924  OP/22 V2020  Colong Value Value Global Turuming 3.60 460924  OP/22 V2122  V2122 V2122  V2122 V2122  V212 V2122  V212 V212  V212 V212 V212  V212 V212 V212  V212 V212 V212 V212  V212 V212 V212 V212 V212  V212 V212 V212 V212 V212 V212 V212  V212 V212 V212 V212 V212 V212 V212 V212														
BH362W0G6  20-067  New York Lig Gkobal Fig. 2475 04/1024  120291  10.0012  2.1281 2.1281  10.0050.00  4.14398.00  -9.4399.50  1-9.4399.50  -9.4399.50  1-9.4399.50  -9.4399.50  1-9.4399.50  -9.4399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50  1-9.2399.50			č											
B22882CC4  20-001  Shell International Finance 2.001 1107/24  1007/24  124/34  12/34  0.00000  0.00000  0.00000  0.00000  0.00000  0.00000  0.00000  0.000000  0.000000  0.00000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.000000  0.0000000  0.0000000  0.0000000  0.0000000 <th< td=""><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>			-											
B22582C4  20123  Shell International France 2.00 11/0724  01/024 10 20147  10.004270  10.002470.00  -247.00.00  2-47.00.00  12.441 2.000    74153WC00  20050  RKCOA Global Funding 11.15 12/0425  001422  02.47.00.00  12.441 2.4221  000078  5.000.00.00  5.000.30.00  -39.00  1.00078  5.000.00.00  6.445.228.0  0.99814  5.000.00.00  4.445.245  0.000810  6.000.00.00  6.977.455.0  0.0000.00  6.977.455.0  0.0000.00  6.977.455.0  0.0000.00  6.977.455.0  0.0000.00  6.977.455.0  0.0000.00  0.0007.00  0.0007.00  0.0007.00  0.0007.00  0.0007.00  0.0007.00  0.0007.00  0.0007.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0071.0  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.0000.00  0.00000.00 0.0000.00 0.0000.00			5								-			
T4133WCD0  22:0051  PRICOA Global Funding 11:15 12/02/4  Cyrles  Cyrles <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></t<>											-			
HHS2WEKS  22-008  New York Life lobal Fig 1.45 01/14/25  01/14/22  Qpm  1.4473 1.4473  1.00076  5.000.00.00  4.995.00  0.90080  4.900.00  4.995.00  4.900.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.995.00  4.990.00  4.995.00  4.990.00  4.995.00  4.990.00  4.995.00  4.990.00  4.995.00  4.990.00											-			
1973332/3  22.007  Apple Inc. 250 02/96/25  032/42  Cpc  2.522  2.528  0.999180  5.000.000.00  6.997180.00  2.2800.000.00  6.997180.00  2.2800.000.00  6.997180.00  2.2800.000.00  6.997180.00  2.2800.000.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.997180.00  6.99710.00000  6.997			-								-			
big231 dAPB  22007  Exam Media Corp 2.700 (306/25  33.122  1208/24  2.823 2.838  0.9967/40  7.000.000  6.977.180.00  2.282.00  0.9742  7.000.000  6.977.295.59    90327038  22008  USAA Cap Carp 3.375  0501/25  068/22  Open  3.471  3.471  0.9700  6.404.000  6.386.792.0  17.298.00  10.3001  5.000.000  7.000.000  7.000.000  7.000.000  7.000.000  7.000.000  7.000.000  7.000.000  5.977.800  1.0277.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8  5.000.000  5.977.800  1.0278.8			5		•									
BH10EFZE  S2006  Findia Power & Light Co. 286 0401/25  01/19/22  Open  1.6201  1.03100  5.00,000.00  5.194,719.88    003270D85  22006  ENGA Co. Cons 3375 05/01/25  06/11/25  Open  1.5201  1.03300  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00  7.000,000.00					•						-			
P3014R0N/  Royal Bank of Canada 0.75 06/11/25  06/11/21  Open  1.5301  1.00000  7.000.000.00  0.00000  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00  7.000.000.00					Open							1.032944		
HattBAMZ  22.0072  Presision Castparts Corp 3.25 06/15/25  0.30122  0.31525  2.182 2.1041  1.03380  5.000.000.00  5.167 80.00  1.680.00  1.005738  5.000.000.00  5.157 80.00  1.005738  5.000.000.00  5.038,700.00  3.887.000  1.880.00  1.005738  5.000.000.00  5.038,700.00  5.881,844.10  1.005738  5.000.000.00  5.038,700.00  5.881,844.10  1.005738  5.000.000.00  5.038,700.00  3.884.10  1.005738  5.000.000.00  5.038,700.00  3.884.10  1.005738  5.000.000.00  3.414,10  1.004231  5.303,000.00  2.4285,807.71    637633AE5  210104  National Sees Clearing 0.75 12/07/25  101421  Open  0.7118<0.7118	90327QD89	22-0096	USAA Cap Corp 3.375 05/01/25	06/08/22	Open	3.4741	3.4741	0.997300	6,404,000.00	6,386,709.20	17,290.80	0.997356	6,404,000.00	6,387,066.98
b1313LAG8  21-0139  Guardian Life Gebal Finding 110  0622225  0910721  Open  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.9043  0.	78014RDN7	21-0140	Royal Bank of Canada 0.75 06/11/25	06/11/21	Open	1.5301	1.5301	1.000000	7,000,000.00	7,000,000.00	0.00	1.000000	7,000,000.00	7,000,000.00
64952WDQ3  22-0019  New York Life Global Fdg 0.95 06/24/25  0907/21  Open  0.8061  0.8061  0.8057  5,930,000.00  5,961,844.10  -31,844.10  1.00231  5,930,000.00  5,951,847.11    637639AE5  21-009  National Secs Clearing 0.75  1207/25  1010821  0.0703  0.6703  0.7104  1.001402  10.0000.00  2.103.844.01  -1.319.44  1.00270  3.404,000.00  3.417,119.44  -1.319.44  1.00270  3.404,000.00  2.102.715.26    4013BL66  22-0033  Guardian Life Global Funding 0.875 12/10/25  0.10421  Open  0.7641  1.0118  1.00140  2.703,000.00  5.193,300.00  5.963,80.00  1.002430  7.000,000.00  7.011.717    037833582  21-0127  Apple Inc 0.326 0.0115/26  02/021  Open  0.7681  1.00360  7.000,000.00  7.011.80.00  1.002430  7.000,000.00  7.011.717    037833582  21-0127  Apple Inc 0.326 02/22/26  0.30121  1.122/26  1.03380  1.00500  5.000,000.00  5.003,000.00  4.305,000.00	740189AM7	22-0072	Precision Castparts Corp 3.25 06/15/25	03/01/22	03/15/25	2.1862	2.1041	1.033560	5,000,000.00	5,167,800.00	-167,800.00	1.030001	5,000,000.00	5,150,003.52
B37839AE5  21-009  National Secs Clearing 0.75 12/07/25  12/3/20  Open  0.703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703  0.6703 <th0< td=""><td>40139LAG8</td><td>21-0139</td><td>Guardian Life Global Funding 1.10 06/23/25</td><td>06/10/21</td><td>Open</td><td>0.9043</td><td>0.9043</td><td>1.007740</td><td>5,000,000.00</td><td>5,038,700.00</td><td>-38,700.00</td><td>1.005738</td><td>5,000,000.00</td><td>5,028,690.78</td></th0<>	40139LAG8	21-0139	Guardian Life Global Funding 1.10 06/23/25	06/10/21	Open	0.9043	0.9043	1.007740	5,000,000.00	5,038,700.00	-38,700.00	1.005738	5,000,000.00	5,028,690.78
S37639AE5  21-0104  National Secs Clearing 0.75 12/0725  01/08/21  Open  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7118  0.7018  0.500.000.00  4.343.300.0  6.3684.00  1.001233  2.100.000.00  4.345.3686.66    022282CAD4  22-0017  New York Life Global Fdg 0.85 01/15/26  01/26/21  Open  0.7641  1.00140  2.793.000.00  7.023.660.00  1.08243  7.000.000.00  7.0018.80.0  1.00243  7.000.000.00  7.00148.00  1.00243  7.000.000.00  7.00148.00  1.00243  7.000.000.00  7.0118.80.0  1.00243  7.000.000.00  7.0118.11  7.001.001.00  7.00148.00  1.00243  7.000.000.00  7.0118.11  7.001.001.01  7.001.001.01  7.001.001.01  7.000.000.00  7.001.818.00  1.00213  7.000.000.00  7.001.001.01  <	64952WDQ3	22-0019	New York Life Global Fdg 0.95 06/24/25	09/07/21	Open	0.8061	0.8061	1.005370	5,930,000.00	5,961,844.10	-31,844.10	1.004231	5,930,000.00	5,955,087.71
40139LBC6  22-0033  Guardian Life Global Funding 0.875 12/10/25  10/14/21  Open  1.2000  1.2000  1.2000  1.9000  5,000,000.00  5,593.00.0  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.593.50.00  1.202168  5.000,000.00  5.153.53.00  2.804.74  1.167.44  1.102189  2.803.74  4.116.744  1.102193  2.793.000.00  2.803.753.553.55    64952WDW0  21-012  New York Life Global Finding 3.40 03/0826  02/0921  Open  0.7802  0.7802  1.00348  7.000,000.00  7.001.680.00  -1.680.00  1.00174  7.000,000.00  5.307.222.75    57629WCH1  22-0068  Mass Mutual Global Finding 3.40 03/08/26  01/31/22  Open  2.6897  2.6897  1.65125  4,000,000.00  4.305.400  0.000.00  5.000,000.00  6.000,000.00  6.000,000.00  6.000,000.00  6.000,	637639AE5	21-0099	National Secs Clearing 0.75 12/07/25	12/31/20	Open	0.6703	0.6703	1.003860	3,404,000.00	3,417,139.44	-13,139.44	1.002700	3,404,000.00	3,413,191.60
92826CAD4  22-0088  Visa Inc 3.15  12/14/25  03/09/22  09/14/25  2.2613  2.2025  1.031870  5.000,000.00  5.159,350.00  1.029166  5.000,000.00  5.145,828.36    64952/WDW0  21-0117  New York Life Global Fdg 0.85  01/15/26  02/02/1  Open  0.7641  0.7641  0.7641  0.7641  0.7641  0.7641  0.7641  0.7641  0.7641  0.7641  0.7641  0.7642  0.7382  0.000.00  7.102,360.00  2.366.00  1.002430  7.000,000.00  7.012,360.00  -158,350.00  1.00143  7.000,000.00  7.017,011.21    037833E52  21-0127  Apple Inc 0.70  02/08/26  03/01/21  11/22  0.9851  0.6851  1.00240  7.001,880.00  -1.680.00  1.00143  7.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00  5.000,000.00<	637639AE5	21-0104	National Secs Clearing 0.75 12/07/25	01/08/21	Open	0.7118	0.7118	1.001840	2,100,000.00	2,103,864.00	-3,864.00	1.001293	2,100,000.00	2,102,715.26
64952WDW0  21-0117  New York Life Global Fdg 0.85 01/15/26  01/26/21  Open  0.7641  0.7641  0.04180  2,793,000.00  7,023,660.00  -11,674.74  1.00293  2,793,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7			5		•									
64952WDW0  21-0121  New York Life Global Fdg 0.85 01/15/26  02/03/21  Open  0.7802  0.7802  1.003380  7,000,000.00  7,023,660.00  -23,660.00  1.002430  7,000,000.00  7,017,011.27    037833EP2  21-0127  Apple Inc 0.70  02/08/26  02/09/21  Open  0.6851  1.008790  5,000,000.00  5,493,950.00  1.00174  7,000,000.00  5,037,222.73    57629V/CH1  22-0066  Ross Mutual Global Finding 3.40  03/08/26  01/31/22  Open  2.587  2.0897  2.0897  0.0000.00  5,000,000.00  4.205,000.00  1.004248  4,000,000.00  4,148,921.18    76029V/CH1  22-0066  Royal Bank of Canada 3.35  0/29/26  04/29/26  Open  3.580  3.550  1.00000  4,900,000.00  4.000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000.00  6,000,000														
037833EB2  21-0125  Apple Inc 0.70 02/08/26  02/09/21  Open  0.6951  0.6951  1.00240  7,000,00.00  7,001,580.00  -1,580.00  1.000174  7,000,00.00  7,001,217.17    037833BY5  21-0127  Apple Inc 3.25 02/23/26  03/01/21  11/23/25  1.1998  1.1001  1.098790  5,000,000.00  5,493,950.00  4.493,950.00  1.071445  5,000,000.00  5,000,000.00  5,000,000.00  2,0005  0.0000.00  5,000,000.00  1.00000  4.493,950.00  1.000174  7,000,000.00  5,000,000.00  5,000,000.00  1.000174  7,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  1.000174  7,000,000.00  5,000,000.00  5,000,000.00  1.000174  7,000,000.00  5,000,000.00  1.000174  7,000,000.00  5,000,000.00  1.000174  7,000,000.00  5,000,000.00  5,000,000.00  1.0000174  7,000,000.00  5,000,000.00  1.0000174  7,000,000.00  5,000,000.00  1.000104  1.000104  1.000104  1.000104  1.000104  1.000174  1.000174  1.001121  1.000100 </td <td></td> <td>-</td> <td>-</td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		-	-		•									
037833BY5  21-0127  Apple Inc 3.25 02/23/26  03/01/21  11/23/25  1.1996  1.1001  1.098790  5,000,000.00  5,433,950.00  -493,950.00  1.071445  5,000,000.00  5,357,222.73    57629WCH1  22-0066  Mass Mutual Global Finding 3.40 03/08/26  01/31/22  Open  2.0897  1.051250  4,000,000.00  4,205,000.00  -205,000.00  1.046248  4,000,000.00  4,184,992.18    78014REJ5  22-0086  Royal Bank of Canada 3.35 0/1/4/26  03/1/2  Open  2.5480  2.4880  0,991894  5,000,000.00  4,959.470.00  0,952449  5,000,000.00  4,860,489.48    064159508  22-0018  Microsoft Corp 2.40 08/08/26  05/20/22  05/08/26  3.2378  3.2887  0.967200  5,000,000.00  4,850,000.00  4,860,000.00  4,840,489.48    064159508  22-0016  Bank of Nova Scotia 1.07 08/18/26  08/18/21  Open  1.1191  1.000200  7,000,000.00  4,939,400.00  6,060,00  0.989564  5,000,000.00  6,014,820.00  6,000,000.00  6,014,820.00  1.4820.0  <			÷		•						-			
57629WCH1  22-066  Mass Mutual Global Finding 3.40 03/08/26  01/31/22  Open  2.0897  2.0897  1.05125  4.000,000.00  4.205,000.00  -205,000.00  1.046248  4.000,000.00  4.184,992.18    78014REJ5  22-008  Royal Bank of Canada 3.35 04/29/26  04/29/22  Open  3.350  3.500  1.00000  5,000,000.00  0.00  1.00000  5,000,000.00  64952WCH4    22-008  New York Life Global Fdg 2.35 07/14/26  03/11/22  Open  2.5480  2.5480  5,000,000.00  4,959,470.00  40,530.00  0.992449  5,000,000.00  4,840,483.48    06415958B  22-0018  Bank of Nova Scotia 1.07 08/18/26  08/18/21  Open  1.4591  1.4591  0.98780  5,000,000.00  4,939,400.00  60,600.00  0.98594  5,000,000.00  4,947,821.65    58989V2D5  22-001  Met Iwe Global Funding 1.25 09/14/26  09/14/21  Open  1.4591  1.990  1.09240  6,000,000.00  6,060,000  0.98564  5,000,000.00  6,012,514.94    59217GEN4  22-0027  Met											-			
78014REJ5  22-086  Royal Bank of Canada 3.35 04/29/26  04/29/22  Open  3.3500  3.3500  1.00000  5,000,000.00  4,0530.00  0.092449  5,000,000.00  4,962,246,73    594918BR4  22-0093  Microsoft Corp 2.40 08/08/26  05/2022  05/08/26  3.2378  3.2887  0.967200  5,000,000.00  4,953,470.00  40,530.00  0.992449  5,000,000.00  4,840,489.48    0641595B8  22-0016  Bank of Nova Scotia 1.07 08/18/26  0.818/21  Open  1.4591  1.4591  0.967200  5,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  6,061.00  0.989564  5,000,000.00  6,012,514.94    74153WCP2  22-0021  Met Tower Global Funding 1.25 09/14/26  0/11/22  Open  1.4591  1.4591  0.80740  5,000,000.00  5,337,200.00  -337,200.00  1.061312  5,000,000.00  6,012,514.94    59217GEY4  22-0057  Met Life Globa Fuding 1.875 01/1														
64952WCH4  22-0089  New York Life Global Fdg 2.35 07/14/26  03/11/22  Open  2.5480  0.991894  5,000,000.00  4,959,470.00  40,530.00  0.992449  5,000,000.00  4,840,489.48    594918BR4  22-003  Microsoft Corp 2.40 08/08/26  05/20/22  05/08/26  3.2378  3.2887  0.967200  5,000,000.00  4,856,000.00  164,000.00  0.986098  5,000,000.00  4,840,489.48    0641595B8  22-003  Pricoa Global Funding 1.20 09/01/26  08/18/21  Open  1.7107  1.7107  1.00000  7,000,000.00  6.06,00.00  0.98564  5,000,000.00  4,947,821.65    58989V2D5  22-0037  Met Tower Global Funding 1.25 09/14/26  09/14/21  Open  1.090 17  0.0701  0.6000,000.00  6,014,820.00  1.08720.00  1.08740  5,000,000.00  6,014,820.00  1.061312  5,000,000.00  6,014,820.00  1.001312  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00			•											
594918BR4  22-093  Microsoft Corp 2.40 08/08/26  05/20/22  05/08/26  3.2378  3.2887  0.967200  5,000,000.00  4,836,000.00  164,000.00  0.968098  5,000,000.00  4,840,489.48    0641595B8  22-0016  Bank of Nova Scotia 1.07 08/18/26  08/18/21  Open  1.7107  1.7107  1.00000  7,000,000.00  0.00  1.00000  7,000,000.00  7,000,000.00  7,000,000.00  4,947,821.65    58989V2D5  22-002  Met Tower Global Funding 1.326 09/14/26  09/14/21  Open  1.199  1.999  1.002470  6,000,000.00  6,014,820.00  1.06286  6,000,000.00  6,014,820.00  1.002186  6,000,000.00  6,014,820.00  1.00286  6,000,000.00  6,014,820.00  1.063440  1.001286  6,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5														
0641595B8  22-016  Bank of Nova Scotia 1.07 08/18/26  08/18/21  Open  1.7107  1.7107  1.00000  7,000,000.00  0.00  1.00000  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00  7,000,000.00<			÷								-			
74153WCP2  22-0037  Pricoa Global Funding I 1.20 09/01/26  10/21/21  Open  1.4591  1.4591  0.987880  5,000,000.00  4,939,400.00  60,600.00  0.989564  5,000,000.00  4,947,821.65    58989V2D5  22-0021  Met Tower Global Funding I 3.25 09/14/26  09/14/21  Open  1.1990  1.1990  1.002470  6,000,000.00  6,014,820.00  -14,820.00  1.002086  6,000,000.00  6,012,514.94    59217GEN4  22-0058  Met Life Glob Funding I 3.45 12/18/26  01/12/22  Open  1.8540  1.067440  5,000,000.00  5,337,200.00  -537,200.00  1.061312  5,000,000.00  5,306,558.16    59217GEN6  22-0057  Met Life Glob Funding I 1.875 01/11/27  01/1/22  Open  1.8540  1.8540  1.00100  5,000,000.00  -5,000.00  1.00999  5,000,000.00  4,799,315.4    64952WEQ2  22-009  Northwestern Mutual FLBL 1.75 01/11/27  05/31/22  Open  3.6679  3.6679  9.98130  5,000,000.00  9.091803  5,000,000.00  4,909,9316.44    78014RET3 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></td<>											-			
58989V2D5  22-0021  Met Tower Global Funding 1.25 09/14/26  09/14/21  Open  1.1990  1.1990  1.092470  6,000,000.00  6,014,820.00  -14,820.00  1.002086  6,000,000.00  6,012,514.94    59217GBY4  22-0058  Met Life Glob Fnding I 3.45 12/18/26  01/12/22  Open  2.0071  2.0071  1.067440  5,000,000.00  5,337,200.00  -337,200.00  1.061312  5,000,000.00  5,306,558.16    59217GER6  22-0057  Met Life Glob Funding I 1.875 01/11/27  01/1/22  Open  1.8540  1.8540  1.00100  5,000,000.00  -5,000.00  1.000909  5,000,000.00  5,004,647.14    66815L2F5  22-0073  Northwestern Mutual FLBL 1.75 01/11/27  03/23/22  Open  2.8890  2.8890  9.949275  5,000,000.00  4,746,375.00  253,625.00  0.951983  5,000,000.00  4,799,913.54    64952WEQ2  22-0090  New York Life Global Fdg 3.25 04/07/27  05/31/22  Open  3.6679  3.6679  5,000,000.00  5,000,000.00  0.00  1.000000  5,000,000.00  5,000,000.00					•									
59217GBY4  22-058  Met Life Glob Fnding I 3.45 12/18/26  01/12/22  Open  2.0071  2.0071  1.067440  5,000,000.00  5,337,200.00  -337,200.00  1.061312  5,000,000.00  5,336,558.16    59217GER6  22-0057  Met Life Glob Funding I 1.875 01/11/27  01/1/22  Open  1.8540  1.8540  1.00100  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  4,759,913.54    64952WEQ2  22-009  New York Life Global Fdg 3.25 04/07/27  05/13/22  Open  3.6679  3.6679  9.981390  5,000,000.00  4,906,950.00  9.081863  5,000,000.00  4,909,900.00  5,000,000.00  4,909,900.00  0.00  1.000000  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,			5		•						-			
59217GER6  22-0057  Met Life Glob Funding I 1.875 01/11/27  01/11/22  Open  1.8540  1.8540  1.00100  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  4,746,375.00  253,625.00  0.951983  5,000,000.00  4,759,913.54    64952WEQ2  22-009  New York Life Global Fdg 3.25 04/07/27  05/13/22  Open  3.6679  3.6679  0.88130  5,000,000.00  4,906,950.00  93,050.00  0.981883  5,000,000.00  4,909,316.44    78014RET3  22-009  Royal Bank of Canada 3.54 05/31/27  05/31/22  Open  3.5400  3.6679  3.6679  3.6679  3.6679  5,000,000.00  5,000,000.00  1.000000  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00 </td <td></td> <td></td> <td>ç</td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>			ç		•						-			
66815L2F5  22-0073  Northwestern Mutual FLBL 1.75 01/11/27  03/23/22  Open  2.889  2.889  0.949275  5,000,000.00  4,746,375.00  253,625.00  0.951983  5,000,000.00  4,759,913.54    64952WEQ2  22-009  New York Life Global Fdg 3.25 04/07/27  05/13/22  Open  3.6679  3.6679  9.981390  5,000,000.00  4,906,950.00  93,050.00  0.981863  5,000,000.00  4,909,316.44    78014RET3  22-0094  Royal Bank of Canada 3.54 05/31/27  05/31/22  Open  3.5400  3.5400  5,000,000.00  5,000,000.00  0.00  1.000000  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,0			5		•									
64952WEQ2  22-009  New York Life Global Fdg 3.25 04/07/27  05/13/22  Open  3.6679  3.6679  0.981390  5,000,000.00  4,906,950.00  93,050.00  0.981863  5,000,000.00  4,909,316.44    78014RET3  22-0094  Royal Bank of Canada 3.54 05/31/27  05/31/22  Open  3.5400  3.5400  5,000,000.00  5,000,000.00  0.00  1.000000  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,00			-											
78014RET3  22-0094  Royal Bank of Canada 3.54 05/31/27  05/31/22  Open  3.540  3.540  1.00000  5,000,000.00  0.00  1.000000  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00  5,000,000.00					•						-			
Corporate Bond Total  1.8756  1.8775  1.8775  1.8775  1.8775  1.911570  221,511,000.00  224,073,958.08  -2,562,958.08  1.006222  211,511,000.00  212,826,957.21    928077JT4  17-012  VA St Ptr Auth Prt Fac Rev 2.416 07/01/22  11/17/16  Open  2.4160  2.4160  335,000.00  335,000.00  1.000000  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335,000.00  335			•											
928077JT4  17-012  VA St Prt Auth Prt Fac Rev 2.416 07/01/22  11/17/16  Open  2.4160  2.4160  1.00000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00  1.000000  335,000.00  0.00		22-0094	Royal Darik Of Callada 3.34 03/31/27	00/01/22	Open									
928172R80 17-0071 VA St Pub Bldg Auth Facs REV 2.00 08/01/22 10/05/16 Open 1.7004 1.7004 1.016550 615,000.00 625,178.25 -10,178.25 1.000248 615,000.00 615,152.25		17-0122	VA St Prt Auth Prt Fac Rev 2 416 07/01/22	11/17/16	Open									
					•									
			5		•						-			

				P	rince W	<b>illiam</b> 30/2023		ty						
	CUSIP	Invest Number	Security Description	Purchase Date			Z Yield Call	Original Unit Cost	Original Par Val/Shares	Original Princ/Cost	Orig Prem Discount	Ending Unit Price	Ending Par Val/Shares	Ending Amor Val/Cost
64966MED7		17-0127	City of New York NY 1.70 08/01/22	11/17/16	08/01/22	2.1112	2.1112	0.978000	3,000,000.00	2,934,000.00	66,000.00	0.999661	1,875,000.00	1,874,364.26
16532LNR3		20-0125	VA City of Chesapeake 1.501 08/01/22	03/30/20	Open	1.5010	1.5010	1.000000	1,000,000.00	1,000,000.00	0.00	1.000000	1,000,000.00	1,000,000.00
971567SU7		21-0058	City of Wilmington DE 0.533 01/01/23	11/12/20	Open	0.5330	0.5330	1.000000	1,330,000.00	1,330,000.00	0.00	1.000000	1,330,000.00	1,330,000.00
3733842Q8		17-0085	State of Georgia GO 2.78 02/01/23	10/20/16	Open	1.8001	1.8001	1.057930	1,925,000.00	2,036,515.25	-111,515.25	1.005658	1,925,000.00	1,935,891.33
928077JU1		17-0123	VA St Port Auth Fac Rev 2.616 07/01/23	11/17/16	Open	2.6160	2.6160	1.000000	225,000.00	225,000.00	0.00	1.000000	225,000.00	225,000.00
928172R98		17-0070	VA Virginia St Public Bldg Auth 2.00 08/01/23	10/05/16	Open	2.0104	2.0104	0.999350	625,000.00	624,593.75	406.25	0.999889	625,000.00	624,930.56
92778VLH9		22-0091	VA Virginia St Clg Bldg Auth 2.91 02/01/24	06/01/22	Open	2.9100	2.9100	1.000000	3,485,000.00	3,485,000.00	0.00	1.000000	3,485,000.00	3,485,000.00
97705MQK4		20-0070	State of Wisconsin 1.875 05/01/25	02/11/20	Open	1.8750	1.8750	1.000000	2,000,000.00	2,000,000.00	0.00	1.000000	2,000,000.00	2,000,000.00
928173AY9		22-0080	VA Virginia St Public Bldg Auth 2.75 08/01/25	04/26/22	Open	2.7500	2.7500	1.000000	5,000,000.00	5,000,000.00	0.00	1.000000	5,000,000.00	5,000,000.00
44256PYR8		21-0049	Howard County MD 0.65 08/15/25	10/20/20	Open	0.6401	0.6401	1.000470	7,295,000.00	7,298,428.65	-3,428.65	1.000305	7,295,000.00	7,297,227.45
92778WKR6		21-0107	VA Virginia St Clg Bldg Auth 0.61 09/01/25	02/09/21	Open	0.6100	0.6100	1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
92818NHL5		21-0061	VA Virginia Resources Authority 2.257 11/01/25	11/16/20	Open	0.7301	0.7301	1.074220	3,500,000.00	3,759,770.00	-259,770.00	1.050189	3,500,000.00	3,675,660.36
86481ACV4		22-0023	VA City of Suffolk VA GO Unltd 0.85 02/01/26	10/05/21	Open	0.8500	0.8500	1.000000	5,600,000.00	5,600,000.00	0.00	1.000000	5,600,000.00	5,600,000.00
79623PER2		22-0079	City of San Antonio TX 1.095 02/01/26	04/01/22	Open	2.8134	2.8134	0.937960	10,000,000.00	9,379,600.00	620,400.00	0.941817	10,000,000.00	9,418,170.41
649791PR5		22-0082	State of New York 2.26 02/15/26	04/21/22	Open	3.1001	3.1001	0.969960	5,000,000.00	4,849,800.00	150,200.00	0.971421	5,000,000.00	4,857,103.97
97705MQL2		20-0072	State of Wisconsin 2.038 05/01/26	02/11/20	Open	2.0380	2.0380	1.000000	1,000,000.00	1,000,000.00	0.00	1.000000	1,000,000.00	1,000,000.00
64966QCC2		20-0045	City of New York NY 2.39 08/01/26	12/16/19	Open	2.4171	2.4171	0.998340	7,000,000.00	6,988,380.00	11,620.00	0.998953	7,000,000.00	6,992,670.74
928173AZ6		22-0081	VA Virginia St Public Bldg Auth 2.80 08/01/26	04/26/22	Open	2.8000	2.8000	1.000000	5,055,000.00	5,055,000.00	0.00	1.000000	5,055,000.00	5,055,000.00
92778WKS4		21-0108	VA Virginia St Clg Bldg Auth 0.77 09/01/26	02/09/21	Open	0.7700	0.7700	1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
655867G45		21-0114	VA City of Norfolk 1.55 09/01/26	01/11/21	Open	0.7161	0.7161	1.046000	6,950,000.00	7,269,700.00	-319,700.00	1.034169	6,950,000.00	7,187,473.80
13063DRD2		20-0056	State of California 2.375 10/01/26	01/02/20	Open	2.3412	2.3412	1.002090	8,000,000.00	8,016,720.00	-16,720.00	1.001360	8,000,000.00	8,010,878.24
92818NVD7		21-0063	VA Virginia Resources Authority 1.005 11/01/26	11/18/20	Open	1.0050	1.0050	1.000000	1,175,000.00	1,175,000.00	0.00	1.000000	1,175,000.00	1,175,000.00
64966QCD0		20-0043	City of New York NY 2.49 08/01/27	12/16/19	Open	2.4891	2.4891	1.000050	7,000,000.00	7,000,350.00	-350.00	1.000043	7,000,000.00	7,000,297.77
574193TT5		21-0100	State of Maryland GO 1.09 08/01/27	01/07/21	Open	0.8471	0.8471	1.015480	7,350,000.00	7,463,778.00	-113,778.00	1.012059	7,350,000.00	7,438,630.99
574193TT5		21-0101	State of Maryland GO 1.09 08/01/27	01/07/21	Open	0.8521	0.8521	1.015160	5,000,000.00	5,075,800.00	-75,800.00	1.011810	5,000,000.00	5,059,049.08
157411TN9		22-0092	CA Chaffey Joint Union High Sch 2.615 08/01/27	05/17/22	02/01/27	3.4514	3.5345	0.960430	6,035,000.00	5,796,195.05	238,804.95	0.961395	6,035,000.00	5,802,016.63
92778WKT2		21-0109	VA Virginia St Clg Bldg Auth 0.94 09/01/27	02/09/21	Open	0.9400	0.9400	1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
882724XN2		22-0042	State of Texas GO Unltd 5.00 10/01/27	11/18/21	Open	1.5176	1.5176	1.194870	5,000,000.00	5,974,350.00	-974,350.00	1.175079	5,000,000.00	5,875,395.82
419792KL9		22-0083	State of Hawaii 2.802 10/01/27	04/25/22	10/01/26	3.4214	3.5510	0.969510	5,725,000.00	5,550,444.75	174,555.25	0.970689	5,725,000.00	5,557,197.06
61334PDD2		21-0020	Montgomery County MD 1.25 11/01/27	08/05/20	Open	0.9902	0.9902	1.018110	5,000,000.00	5,090,550.00	-90,550.00	1.013464	5,000,000.00	5,067,320.33
92818NVE5		21-0064	VA Virginia Resources Authority 1.185 11/01/27	11/18/20	Open	1.1850	1.1850	1.000000	2,000,000.00	2,000,000.00	0.00	1.000000	2,000,000.00	2,000,000.00
172217J93		20-0115	City of Cincinnati OH GO 2.00 12/01/27	03/19/20	Open	1.5203	1.5203	1.034740	5,405,000.00	5,592,769.70	-187,769.70	1.024850	5,405,000.00	5,539,313.18
534366CW7		22-0099	Lincoln Nebraska W. Haymarket 3.00 12/15/27	06/16/22	Open	3.9571		0.953130	4,000,000.00	3,812,520.00	187,480.00	0.953452	4,000,000.00	3,813,806.20
64966QCE8		20-0044	City of New York NY 2.63 08/01/28	12/16/19	Open	2.5991	2.5991	1.002360	6,940,000.00	6,956,378.40	-16,378.40	1.001728	6,940,000.00	6,951,990.35
16532LNX0		20-0130	VA City of Chesapeake 1.877 08/01/28	04/23/20	Open	1.7003	1.7003	1.013590	1,000,000.00	1,013,590.00	-13,590.00	1.010173	1,000,000.00	1,010,173.40
426056X36		21-0002	VA Henrico County 1.28 08/01/28	07/02/20	Open	1.2800		1.000000	1,540,000.00	1,540,000.00	0.00	1.000000	1,540,000.00	1,540,000.00
13063DC63		22-0065	State of California 3.00 08/01/28	01/28/22	Open	2.0000		1.060740	5,000,000.00	5,303,700.00	-303,700.00	1.057007	5,000,000.00	5,285,036.50
92778WKU9		21-0110	VA Virginia St Clg Bldg Auth 1.13 09/01/28	02/09/21	Open	1.1300		1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
8827237S2		22-0095	State of Texas 3.451 10/01/28	06/02/22	10/01/27	3.3638		1.004900	7,980,000.00	8,019,102.00	-39,102.00	1.004839	7,980,000.00	8,018,617.70
92818NVF2		21-0065	VA Virginia Resources Authority 1.413 11/01/28	11/18/20	Open	1.4130		1.000000	2,045,000.00	2,045,000.00	0.00	1.000000	2,045,000.00	2,045,000.00
61334PDE0		21-0080	Montgomery County MD 1.25 11/01/28	12/04/20	Open	1.0841		1.012540	5,000,000.00	5,062,700.00	-62,700.00	1.010129	5,000,000.00	5,050,644.55
765433LU9		20-0132	VA City of Richmond Rev Bond 2.495 01/15/29	04/27/20	Open	1.7634		1.058880	3,675,000.00	3,891,384.00	-216,384.00	1.044994	3,675,000.00	3,840,352.49
97705MQP3		20-0073	State of Wisconsin 2.267 05/01/29	02/11/20	Open	2.2670		1.000000	1,000,000.00	1,000,000.00	0.00	1.000000	1,000,000.00	1,000,000.00
426056X44		21-0003	VA Henrico County 1.33 08/01/29	07/02/20	Open	1.3300		1.000000	1,975,000.00	1,975,000.00	0.00	1.000000	1,975,000.00	1,975,000.00
44256PYD9		20-0141	Howard County MD 1.99 08/15/29	05/07/20	Open	1.7393		1.021390	1,375,000.00	1,404,411.25	-29,411.25	1.016722	1,375,000.00	1,397,993.25
44256PXN8		20-0142	Howard County MD 1.99 08/15/29	05/07/20	Open	1.7393		1.021390	1,905,000.00	1,945,747.95	-40,747.95	1.016722	1,905,000.00	1,936,856.10
92778WKV7		21-0116	VA Virginia St Clg Bldg Auth 1.33 09/01/29	02/09/21	Open	1.3300		1.000000	6,000,000.00	6,000,000.00	0.00	1.000000	6,000,000.00	6,000,000.00
13063DRE0		20-0060	State of California 2.50 10/01/29	01/21/20	Open	2.3562		1.012390	5,000,000.00	5,061,950.00	-61,950.00	1.009533	5,000,000.00	5,047,664.41
13063DRE0		20-0098	State of California 2.50 10/01/29	02/24/20	Open	2.0571		1.038410	5,000,000.00	5,192,050.00	-192,050.00	1.029688	5,000,000.00	5,148,441.62
30382AKG6		21-0041	VA Fairfax County 1.233 10/01/29	09/18/20	Open	1.1740		1.005040	3,250,000.00	3,266,380.00	-16,380.00	1.004087	3,250,000.00	3,263,282.32
655867J75		21-0054	VA City of Norfolk 1.304 10/01/29	10/15/20	Open	1.3501		0.996120	3,750,000.00	3,735,450.00	14,550.00	0.996824	3,750,000.00	3,738,090.35
882724RE9		21-0083	State of Texas GO 2.326 10/01/29	12/08/20	Open	1.2159		1.092510	4,000,000.00	4,370,040.00	-370,040.00	1.076811	4,000,000.00	4,307,245.70
655867J75		21-0115	VA City of Norfolk 1.304 10/01/29	01/11/21	Open	1.2151	1.2151	1.007330	2,000,000.00	2,014,660.00	-14,660.00	1.006149	2,000,000.00	2,012,298.20
172217K34		20-0116	City of Cincinnati OH GO 1.73 12/01/29	03/19/20	Open	1.7300		1.000000	7,420,000.00	7,420,000.00	0.00	1.000000	7,420,000.00	7,420,000.00
765433LV7		20-0133	VA City of Richmond Rev Bond 2.595 01/15/30	04/27/20	Open	1.8644	1.8644	1.064670	1,500,000.00	1,597,005.00	-97,005.00	1.051162	1,500,000.00	1,576,743.46

			P	rince W	/illiam 30/202		ty						
CUSIP	Invest Number	Security Description	Purchase Date	Call Date	Yield Matur	Z Yield Call	Original Unit Cost	Original Par Val/Shares	Original Princ/Cost	Orig Prem Discount	Ending Unit Price	Ending Par Val/Shares	Ending Amor Val/Cost
882724QJ9	20-0092	State of Texas GO 2.604 04/01/30	02/19/20	04/01/29	2.1125	2.0653	1.044560	2,075,000.00	2,167,462.00	-92,462.00	1.033779	2,075,000.00	2,145,091.21
041431VM6	21-0062	VA Arlington County 1.403 08/01/30	11/17/20	Open	1.4629	1.4629	0.994580	3,020,000.00	3,003,631.60	16,368.40	0.995453	3,020,000.00	3,006,267.00
655867J83	21-0053	VA City of Norfolk 1.414 10/01/30	10/15/20	Open	1.4170	1.4170	0.999720	4,380,000.00	4,378,773.60	1,226.40	0.999764	4,380,000.00	4,378,965.71
92818NVH8	21-0066	VA Virginia Resources Authority 1.613 11/01/30	11/18/20	Open	1.6130	1.6130	1.000000	1,805,000.00	1,805,000.00	0.00	1.000000	1,805,000.00	1,805,000.00
172217K42	20-0117	City of Cincinnati OH GO 1.83 12/01/30	03/19/20	Open	1.8300	1.8300	1.000000	7,115,000.00	7,115,000.00	0.00	1.000000	7,115,000.00	7,115,000.00
Municipal Bond Total					1.8168	1.8206	1.008582	257,380,000.00	259,588,859.20	-2,208,859.20	1.006321	254,380,000.00	255,987,922.53
PFM Govt Select GP	AR-0186	Mutual Fund - Money Market	11/03/98	Open	0.0200	0.0200	1.000000	10,000,000.00	10,000,000.00	0.00	0.000000	0.00	0.00
Allspring General Pool	AR-0208	Mutual Fund - Money Market	05/01/02	Open	1.2100	1.2100	1.000000	6,007,268.98	6,007,268.98	0.00	1.000000	463,840.99	463,840.99
WELLS FARGO SWEEP GP	AR-0350	Mutual Fund - Money Market	10/01/18	Open	1.2000	1.2000	1.000000	0.00	0.00	0.00	1.000000	24,951,725.22	24,951,725.22
First American Govt Oblig. GP	AR-0354	Mutual Fund - Money Market	12/20/21	Open	0.9200	0.9200	1.000000	10,139,565.92	10,139,565.92	0.00	1.000000	10,154,596.21	10,154,596.21
Mutual Fund - Money Market Total					1.1202	1.1202	1.000000	26,146,834.90	26,146,834.90	0.00	1.000000	35,570,162.42	35,570,162.42
LGIP General Pool	AR-0084	State Pool	08/25/93	Open	1.5000	1.5000	1.000000	0.00	0.00	0.00	1.000000	173,945,259.70	173,945,259.70
State Pool Total					1.5000	1.5000	0.000000	0.00	0.00	0.00	1.000000	173,945,259.70	173,945,259.70
912828J27	22-0053	US Treasury Note 2.00 02/15/25	12/30/21	Open	1.0253	1.0253	1.029922	5,000,000.00	5,149,609.38	-149,609.38	1.025172	5,000,000.00	5,125,860.78
912828J27	22-0056	US Treasury Note 2.00 02/15/25	01/07/22	Open	1.1752	1.1752	1.025078	5,000,000.00	5,125,390.63	-125,390.63	1.021251	5,000,000.00	5,106,252.87
912828XB1	21-0143	US Treasury Note 2.125 05/15/25	06/18/21	Open	0.6368	0.6368	1.057344	5,000,000.00	5,286,718.75	-286,718.75	1.042289	5,000,000.00	5,211,442.84
912828P46	22-0030	US Treasury Note 1.625 02/15/26	10/12/21	Open	0.9313	0.9313	1.029453	5,000,000.00	5,147,265.63	-147,265.63	1.024666	5,000,000.00	5,123,330.92
9128286L9	22-0028	US Treasury Note 2.25 03/31/26	09/29/21	Open	0.9203	0.9203	1.058516	7,000,000.00	7,409,609.38	-409,609.38	1.048880	7,000,000.00	7,342,160.02
Treasury Note Total					0.9354	0.9354	1.041429	27,000,000.00	28,118,593.77	-1,118,593.77	1.033668	27,000,000.00	27,909,047.43
Investment Total					1.3787	1.3823	1.006289	1,292,221,415.22	1,300,348,033.58	-8,126,618.36	1.003610	1,485,533,092.36	1,490,896,101.36

#### Attachment B Investment Statistics

			FY 2022			FY 2021	FY 2020	FY 2019
	Q1	Q2	Q3	Q4	YTD			
Portfolio Return & Earnings (\$ In Millions)								
Total Return	0.3	(7.3)	(55.4)	(26.8)	(89.1)	0.0	37.6	52.8
Earnings - General Fund	1.6	1.8	1.9	2.2 <sup>1</sup>	7.5 <sup>1</sup>	7.8	11.2	11.9
General Fund Participation as a								
Percent of Earnings	51.1%	53.3%	53.6%	50.5% <sup>1</sup>	52.1% <sup>1</sup>	52.5%	49.7%	51.6%
Average Composition (\$ In Millions)								
Government Securities	703.5	741.5	762.9	771.2	744.7	604.8	534.7	610.1
Cash Accounts	65.7	65.1	702.9	50.4	63.2	90.5	44.7	57.1
Certificates of Deposit	32.0	32.8	26.2	7.0	24.5	5.0	7.6	6.0
Commercial Paper	0.0	0.0	0.0	6.2	1.5	6.2	4.2	2.6
Corporate Bonds	142.3	148.2	171.3	202.6	166.1	175.4	187.3	187.1
Negotiable Certificates of Deposit	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Municipal Bonds	199.1	200.7	205.1	236.9	210.4	161.0	70.4	69.5
Money Market	35.1	32.2	41.9	33.0	35.5	57.9	107.1	46.3
LGIP	358.5	389.5	406.8	187.9	335.7	324.9	263.1	188.1
Average Invested Balances (\$ In Millions)								
High	1,569.9	1,782.0	1,749.9	1,538.6	1,792.1	1,613.7	1,406.7	1,323.3
Low	1,495.6	1,504.4	1,644.6	1,461.8	1,461.8	1,297.0	1,106.3	1,067.8
Comparative Performance (%)								
PWC Total Return	0.09	-1.80	-13.18	-7.18	-5.63	0.00	3.08	4.52
PWC Earnings Yield	0.83	0.85		1.16	0.92	1.04	1.85	1.99
ICE BofA 1-3 Yr U.S. Treas. Total Return	0.28	-2.31	-9.17	-1.04	-3.29	0.09	4.15	3.96
ICE BofA 1-3 Yr U.S. Treas. Earnings Yield	1.29	1.22	1.17	1.39	1.27	1.53	2.10	2.26
VA LGIP	0.06	0.07	0.20	0.83	0.31	0.19	1.60	2.40
U.S. Treasury (90-Day)	0.05	0.05	0.31	1.10	0.38	0.07	1.22	2.28
U.S. Treasury (2 Year)	0.23	0.53	1.47	2.72	1.23	0.15	1.14	2.52

1 Actuals were not available at the time this report was published. Data provided are estimates.

## July 27, 2022

Recent indicators of spending and production have softened. Nonetheless, job gains have been robust in recent months, and the unemployment rate has remained low. Inflation remains elevated, reflecting supply and demand imbalances related to the pandemic, higher food and energy prices, and broader price pressures.

Russia's war against Ukraine is causing tremendous human and economic hardship. The war and related events are creating additional upward pressure on inflation and are weighing on global economic activity. The Committee is highly attentive to inflation risks.

The Committee seeks to achieve maximum employment and inflation at the rate of 2 percent over the longer run. In support of these goals, the Committee decided to raise the target range for the federal funds rate to 2-1/4 to 2-1/2 percent and anticipates that ongoing increases in the target range will be appropriate. In addition, the Committee will continue reducing its holdings of Treasury securities and agency debt and agency mortgage-backed securities, as described in the Plans for Reducing the Size of the Federal Reserve's Balance Sheet that were issued in May. The Committee is strongly committed to returning inflation to its 2 percent objective.

In assessing the appropriate stance of monetary policy, the Committee will continue to monitor the implications of incoming information for the economic outlook. The Committee would be prepared to adjust the stance of monetary policy as appropriate if risks emerge that could impede the attainment of the Committee's goals. The Committee's assessments will take into account a wide range of information, including readings on public health, labor market conditions, inflation pressures and inflation expectations, and financial and international developments.

Voting for the monetary policy action were Jerome H. Powell, Chair; John C. Williams, Vice Chair; Michael S. Barr; Michelle W. Bowman; Lael Brainard; James Bullard; Susan M. Collins; Lisa D. Cook; Esther L. George; Philip N. Jefferson; Loretta J. Mester; and Christopher J. Waller.

#### June 15, 2022

Overall economic activity appears to have picked up after edging down in the first guarter. Job gains have been robust in recent months, and the unemployment rate has remained low. Inflation remains elevated, reflecting supply and demand imbalances related to the pandemic, higher energy prices, and broader price pressures.

The invasion of Ukraine by Russia is causing tremendous human and economic hardship. The invasion and related events are creating additional upward pressure on inflation and are weighing on global economic activity. In addition, COVID-related lockdowns in China are likely to exacerbate supply chain disruptions. The Committee is highly attentive to inflation risks.

The Committee seeks to achieve maximum employment and inflation at the rate of 2 percent over the longer run. In support of these goals, the Committee decided to raise the target range for the federal funds rate to 1-1/2 to 1-3/4 percent and anticipates that ongoing increases in the target range will be appropriate. In addition, the Committee will continue reducing its holdings of Treasury securities and agency debt and agency mortgage-backed securities, as described in the Plans for Reducing the Size of the Federal Reserve's Balance Sheet that were issued in May. The Committee is strongly committed to returning inflation to its 2 percent objective.

In assessing the appropriate stance of monetary policy, the Committee will continue to monitor the implications of incoming information for the economic outlook. The Committee would be prepared to adjust the stance of monetary policy as appropriate if risks emerge that could impede the attainment of the Committee's goals. The Committee's assessments will take into account a wide range of information, including readings on public health, labor market conditions, inflation pressures and inflation expectations, and financial and international developments.

Voting for the monetary policy action were Jerome H. Powell, Chair; John C. Williams, Vice Chair; Michelle W. Bowman; Lael Brainard; James Bullard; Lisa D. Cook; Patrick Harker; Philip N. Jefferson; Loretta J. Mester; and Christopher J. Waller. Voting against this action was Esther L. George, who preferred at this meeting to raise the target range for the federal funds rate by 0.5 percentage point to 1-1/4 percent to 1-1/2 percent. Patrick Harker voted as an alternate member at this meeting.



## **Consolidated Summary Statement**

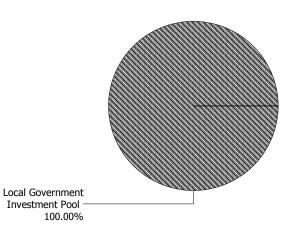
Prince William County

Portfolio Summary				Investment Allocation		
Portfolio Holdings	Cash Dividends and Income	Closing Market Value	Current Yield	Investment Type	Closing Market Value	Percent
SNAP Fund	48,118.69	46,726,603.38	1.49 %	Local Government Investment Pool	46,726,603.38	100.00
	\$48,118.69	\$46,726,603.38		Total	\$46,726,603.38	100.00%

## Maturity Distribution (Fixed Income Holdings)

46,726,603.38 0.00 0.00 0.00	100.00 0.00 0.00
0.00	
	0.00
0.00	
	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
\$46,726,603.38	100.00%
	0.00 0.00 0.00 0.00

## Sector Allocation



Weighted Average Days to Maturity 1

### **Account Statement**

For the Month Ending June 30, 2022

#### ATTACHMENT E

#### Glossary

#### **Commonly Used Acronyms**

APY	Annual Percentage Yield
CUSIP	Committee on Uniform Securities Identification Procedures
DK	Don't Know
DTC	Depository Trust Company
DVP	Delivery vs. Payment
FDIC	Federal Deposit Insurance Company
FINRA	Financial Industry Regulatory Authority
FOMC	Federal Open Market Committee or 'The Fed'
NRSROs	Nationally Recognized Statistical Rating Organizations
QPD	Qualified Public Depository
REPOS	Repurchase Agreements
SEC	Securities and Exchange Commission
SIFMA	Securities Industry and Financial Markets Association
SNAP	Virginia State Non-Arbitrage Program
YTC	Yield to Call
YTM	Yield to Maturity
YTW	Yield to Worst

#### **Definitions**

**ABA Transit Number** - A unique number assigned by the ABA that identifies a specific federal or state chartered bank or savings institution (also referred to as ABA routing number).

Accrued Interest - The amount of interest that accumulates on a fixed-income security from one interest payment to the next.

Agency Bonds – The informal name that refers to securities issued by agencies of the United States Government and U.S. Government Sponsored Enterprises.

Annual Percentage Yield – The effective annual rate of return taking into account the effect of compounding interest.

Ask - The lowest price at which a seller is willing to sell his or her securities.

Asset Allocation – The diversification of assets across different asset classes, such as stocks, bonds and cash, to meet goals given risk tolerance, tax status and time horizon.

Asset Class – The categorization of an asset. Examples of representative asset classes include equities, bonds, money markets and cash.

**Basis Point** - A unit that is equal to 1/100th of 1% and is used to denote the change in a financial instrument. One basis point on a \$1,000,000 bond is equal to \$100.

**Benchmark** – A standard index used for measuring the performance of an investment. The goal of most money managers and investors is to outperform their respective benchmark.

Bid – The price a broker is willing to pay for a security.

**Bond** - A debt instrument issued by corporations and governments in which the issuer promises to pay to the bondholder principal and interest according to the terms and conditions of the bond.

**Book Entry** - Most bonds are issued in book entry form, which means that there is no physical bond certificate. Bond ownership is evidenced by a trade confirmation issued by the broker/dealer, and by the monthly statements that the brokerage firm provides.

**Bullet** - A bond that is not able to be redeemed prior to maturity is said to be non-callable. A slang term for a non-callable bond is a "bullet". A bullet usually carries a lower interest rate since the investor is protected against the possibility of the bond being called when interest rates fall.

**Call Date** - The date after which a bond issuer can redeem a callable bond. The list of dates on which a specified bond can be called is a call schedule.

**Call Protection** – A period of time during which a bond issuer cannot call, or buy back, a bond. For example, if the first call on a bond is in 3 years from now, a buyer will have 3 years of call protection, and they are assured that they can own the bond for at least 3 years.

**Call Risk** – Risk to a bond holder that a bond may be redeemed before scheduled maturity. The main risk of having a bond called before maturity is that the investor will be unable to replace the bond's yield with another similar quality bond paying the same yield.

**Callable Bond** - A callable bond can be redeemed by the issuer before it matures if that provision is included in the terms of the bond agreement. Bonds are typically called when interest rates fall, since issuers can save money by paying off existing debt and offering new bonds at lower rates.

**Certificate of Deposit** – A deposit of funds, in a bank or savings and loan association, for a specified term that earns interest at a specified rate or rate formula.

**Commercial Paper** – Commercial paper consists of unsecured, short-term promissory notes issued by companies or commercial bank holdings. CP maturities are generally limited to a maximum of 270 days.

Corporate Bond - The debt of corporations. The bonds are fully taxable, and issued in maturities ranging from less than one year up to 30 years.

**Covered Bonds - A** corporate bond with one important enhancement: Recourse to a pool of assets that secures or "covers" the bond if the originator (usually a financial institution) becomes insolvent. This enhancement typically (although not always) results in the bonds being assigned AAA credit ratings.

For the investor, one major advantage to a covered bond is that the debt and the underlying asset pool remain on the issuer's financials, and issuers must ensure that the pool consistently backs the covered bond. In the event of default, the investor has recourse to both the pool and the issuer. Another advantage is that the interest is paid from an identifiable source of projected cash flow versus out of other financing operations.

Coupon – Interest rate on a debt security the issuer promises to pay to the holder until maturity.

**Credit Ratings** - A financial indicator to potential investors used to assess the credit worthiness of a bond issuer. NRSROs are agencies that study the financial strength of bond issuers, and assign credit ratings. The three major NRSROs are Moody's Investors Service, Inc., Standard & Poor's Inc. and Fitch Ratings.

**Current Yield** - The rate of return an investor will get, without taking into account the value of the premium or discount of the purchase price. It is calculated by dividing the coupon by the price. The current yield is not a good indication of your return on investment. Yield to maturity and yield to call take into account the value of the discount or premium paid for the bond, and as such they offer a much better indication of the value of the bond.

CUSIP - A CUSIP number identifies a company or issuer and the type of security.

Dated Date - The date a bond is issued and starts to accrue interest.

**Default Risk** - The event in which companies will be unable to make the required payments on their debt obligations. Default risk is a component in virtually all forms of credit extensions. To mitigate the impact of default risk, lenders often charge rates of return that correspond to the debtor's level of default risk.

Delivery vs. Payment – The simultaneous exchange of securities and cash. The safest method of settling either the purchase or sale of a security.

**Discount** – The amount by which the price for a security is less than its par.

**Diversification** – The investment of funds in several different asset classes and a variety of securities within each class to help reduce the impact of volatility in a portfolio and assist in managing risk.

 $\mathbf{DK}$  – "don't know". A security is said to be 'DK'd" when it is delivered to the purchaser or more typically the purchaser's correspondent but is rejected because the purchaser either doesn't know or doesn't agree with one or more of the aspects of the trade.

**Duration** – A measure of the average timing of cash flows from an asset or a liability or from an asset portfolio or a liability portfolio. Essentially, duration is a more accurate measure of maturity because it reflects the timing of cash flows from period interest and/or principal payments in addition to the cash flows represented by the funds transferred at maturity. Duration is computed by summing the present values of all of the future cash flows after multiplying each by the time until receipt, and then dividing that product by the sum of the present value of the future cash flows without weighting them for the time of receipt.

Earnings Yield - The result of coupon interest rates, principal value invested and the time period of investments being measured.

**Extraordinary Redemption** - Some municipal bonds are issued with an extraordinary redemption provision which gives the issuer the right to call the bonds under certain circumstances. The circumstances could range from natural disasters to cancelled projects to almost anything else.

General Obligation Bonds - Municipal bond backed by the full faith and credit of a municipality. A GO bond is repaid with general revenue and borrowings.

**Government Obligations** - Bonds, notes and other evidences of indebtedness of the: U.S. Government or agency thereof, Commonwealth of Virginia, and Virginia political subdivisions. The principal and interest of which are unconditionally guaranteed. Such securities will include, but not be limited to: U.S. Treasury Bills, Notes and Bonds, State and Local Government Securities (SLGS), Government National Mortgage Association (GNMA), Small Business Administration (SBA), Federal Housing Administration (FHA), Farmers Home Administration (FHMA), General Services Administration (GSA) and Export-Import Bank.

**Government Sponsored Enterprises (GSEs)** – U.S. Government sponsored corporations which carry the implicit backing of the U.S. Government, but are not direct obligations of the U.S. Government. For this reason, these securities will offer a yield premium over Treasuries. Examples of GSEs include: Federal National Mortgage Association (FNMA), Federal Farm Credit Bank (FFCB), Federal Home Loan Bank or its District Banks (FHLB) and Federal Home Loan Mortgage Corporation (FHLMC).

**High Yield Bonds** – A bond that has a rating of BB or lower and that pays a higher yield to compensate for its greater risk. Also known as non-investment grade, speculative-grade, or junk bonds

Interest Rate – Rate of interest charged for the use of money, usually expressed at an annual rate.

**Interest Payment Dates** - Most bonds pay interest semi-annually (twice per year). The interest payment dates are usually the same month and day as the maturity date of the bond, and the six month anniversary.

**Investment Grade** – A rating that indicates that a municipal or corporate bond has a relatively low risk of default. Bonds that are rated at or above 'Baa' by Moody's or 'BBB' by S&P are said to be investment grade bonds

**Issuer** – A legal entity that develops, registers and sells securities for the purpose of financing its operations. The issuer is a company in the case of a corporate bond, or a state, city, or county in the case of a municipal bond. The U.S. government is the issuer of Treasury bonds.

**Laddered Bond Portfolio** - A portfolio in which asset classes and investment maturities are staggered, in order to receive regular income and to smooth-out the effect of interest rate fluctuations. This also enables the investor to diversify in terms of default risk and reinvestment risk.

Liquidity – The ability to rapidly buy or sell an asset without substantially affecting the asset's price.

Liquidity Risk - The ability to easily convert securities to cash and is determined by how active the secondary market is for a particular security.

**Market Risk** – The possibility for an investor to experience losses due to factors that affect the overall performance of the financial markets. Market risk, also called "systemic risk", cannot be eliminated through diversification, though it can be hedged against.

Mark to Market – When an investment is marked to the market, its value is adjusted to reflect the current market price.

Maturity Date - The date at which a debt instrument is due and payable.

**Municipal Bonds** - Bonds that are issued by state, county, or city governments to finance general governmental activities or special projects. They are generally exempt from federal tax, and are generally state tax-free for residents of the state in which they are issued.

**Par Value** - The face value, or named value, of a stock or bond. With bonds, par value, is the amount you pay to purchase at issue and the amount you receive when the bond is redeemed at maturity. Par is also the basis on which the interest you earn on a bond is figured.

**Premium** - Amount by which a bond sells above its face (par) value.

Principal - Basic amount invested, exclusive of earnings

Realized Gain - The amount by which the sale price of an asset exceeds its purchase price.

Rebalancing - The systematic practice of restoring your portfolio to its intended asset allocation

**Repurchase Agreement** – A form of secured, short-term borrowing in which a security is sold with a simultaneous agreement to buy it back from the purchaser at a future date. Rates paid on repos are short-term money market interest rates and are completely unrelated to the coupon rate paid on the instrument being purchased.

**Revenue Bonds** - The interest and principal payments for municipal bonds are typically either guaranteed by the issuer or by the revenue from a specific project. If they are guaranteed by a specific project, the bondholder is relying on revenue from the project to pay principal and interest, and the bonds are known as revenue bonds.

**Reverse Repurchase Agreement** - The mirror image of a REPO. In a reverse REPO, an investor (governmental entity) owns securities, such as a Treasury note, U.S. government agency bond or other security, that a bank or dealer purchases under an agreement and sells back to an investor on a specified date, at an agreed-upon interest rate.

Secondary Market - A market where investors purchase securities or assets from other investors, rather than from issuing companies themselves.

Settlement Date - Date by which an executed order must be settled, either by a buyer paying for the securities with cash or by a seller delivering the securities and receiving the proceeds of the sale for them.

**SNAP** - The Treasury Board, an agency of the Commonwealth of Virginia, is responsible for implementing and supervising SNAP, which provides assistance to local governments in the investment of bond proceeds and the preparation of rebate calculations in compliance with treasury arbitrage rebate calculations.

**Spread** - The difference between the yield of the bond and the yield of a Treasury bond with a comparable maturity. Since the Treasury yield is considered risk-free, the spread reflects the risk premium of the bond.

Step-Up Bond - A bond that pays an initial coupon rate for the first period, and then a higher coupon rate for the following periods.

STRIPS - Separate trading of registered interest and principal of securities.

**Taxable Equivalent Yield** - Pretax yield that a taxable bond would have to pay to equal the tax-free yield of a municipal bond in an investor's tax bracket.

**Total Return** – The return on investment, including income from dividends and interest, as well as appreciation or depreciation in the price of the security, over a given time period.

Trade Date - Day on which a security trade actually takes place.

**Treasury Bills** - Securities issued by the U.S. Government in 3 month, 6 month and 1 year maturities, and they are sold at a discount to par. The bonds do not pay period interest, and the return an investor receives is based on the amount that the purchase price is discounted from par.

**Treasury Bonds and Notes** - Securities issued by the U.S. Government in maturities of two, five, ten and 30 years. They all pay interest semiannually. The issues that mature in ten years or less are called notes, and the 30 year issue is called a bond. The 30 year US Treasury bond is also know as the 'long bond'

**Treasury Inflation Protection Securities (TIPS)** – Bonds issued by the U.S. Treasury that hedge the purchaser against the impact of inflation by semi-annually increasing the par value of the issue by the amount of inflation. These securities represent a real, inflation-adjusted yield. Because of this the coupon on TIPS is significantly lower than a non-TIP security.

**Treasury STRIPS** - These zero-coupon bonds come about when the bond's coupons are separated from the bond or note; an investor's return is determined by the difference between the purchase price and the bond's trading value, or face value if held to maturity. Treasury STRIPS are a direct obligation of the U.S. Treasury.

**Variable/Floating- Rate Securities -** Variable- or floating-rate debt may include corporate, municipal, or asset-backed securities and also senior bank loans. They can be linked to nearly any type of benchmark and pay interest based on a wide range of formulas. The most basic type pays a coupon equal to some widely followed interest rate, such as the one- or three-month LIBOR (London Interbank Offered Rate), plus a fixed spread above that rate.

**Yield to Call** - The calculated yield based on price paid, coupon rate and amount of time until first call date. The yield is based on the security being called and not maturing and will fluctuate with market price.

Yield Curve - A curve that shows the relationship between the yields on short-term and long-term bonds of the same investment quality.

**Yield to Maturity** - The calculated return on investment that an investor will get if they hold the bond to maturity. It takes into account the present value of all future cash flows, as well as any premium or discount to par that the investor pays.

**Yield to Worst** - The return if the worst possible bond repayment takes place, or the lowest potential yield that can be received on a bond without the issuer actually defaulting

**Zero Coupon Bonds** - Bonds that do not pay interest during the life of the bond. They are bought at a discount to the maturity value. For example, a zero coupon bond is bought at \$700 today to get back \$1,000 in 5 years. The difference between the purchase amount and the future amount received is the return. Zero Coupon Bonds are similar to savings bonds.