

## Putnam Money Market Fund

As of 09/29/2023

Portfolio Weighted Average Maturity : 29.75 days

Portfolio Weighted Average Life : 66.63 days

### Security Detail

Issuer Name	Category	Cusip	Principal Amount	Effective Maturity <sup>1</sup>	Final Maturity <sup>2</sup>	Coupon	Market Value
BARCLAYS BANK PLC CCP	Asset Backed Commercial Paper	06744G5H1	4,000,000.00	11/01/2023	11/01/2023	-	3,980,159.68
CHARIOT FUNDING LLC	Asset Backed Commercial Paper	15963UXJ0	7,900,000.00	10/18/2023	10/18/2023	-	7,877,672.63
CHARIOT FUNDING LLC	Asset Backed Commercial Paper	15963UXQ4	8,000,000.00	10/24/2023	10/24/2023	-	7,970,205.52
COLLATERALIZED COMMERCIAL PAPER FLEX CO LLC	Asset Backed Commercial Paper	19421MDP4	8,000,000.00	01/02/2024	01/02/2024	5.79%	8,002,622.80
LIBERTY STREET FUNDING LLC	Asset Backed Commercial Paper	53127UYT1	5,000,000.00	11/27/2023	11/27/2023	-	4,955,061.65
OLD LINE FUNDING LLC	Asset Backed Commercial Paper	67984XK39	8,000,000.00	02/05/2024	02/05/2024	-	7,838,696.00
SHEFFIELD RECEIVABLES CO LLC	Asset Backed Commercial Paper	82124MXC9	4,500,000.00	10/12/2023	10/12/2023	-	4,491,262.40
VICTORY RECEIVABLES CORP	Asset Backed Commercial Paper	92646LXT2	5,997,000.00	10/27/2023	10/27/2023	-	5,971,891.88
BANK OF AMERICA NA	Certificate of Deposit	06050FGB2	8,000,000.00	09/30/2023	06/03/2024	5.97%	8,012,376.00
BANK OF AMERICA NA	Certificate of Deposit	06050FGP1	4,000,000.00	09/30/2023	05/07/2024	5.78%	4,001,912.00
BANK OF MONTREAL/CHICAGO IL	Certificate of Deposit	06367CYD3	7,750,000.00	10/06/2023	10/06/2023	5.00%	7,749,121.15
BANK OF MONTREAL/CHICAGO IL	Certificate of Deposit	06367DBM6	4,000,000.00	09/30/2023	07/22/2024	5.95%	4,003,260.08
BNP PARIBAS SA/NEW YORK NY	Certificate of Deposit	05586FRZ2	7,750,000.00	09/30/2023	10/10/2023	5.76%	7,750,788.64
CANADIAN IMPERIAL BANK OF COMMERCE/NEW YORK NY	Certificate of Deposit	13606KWF9	8,000,000.00	09/30/2023	05/08/2024	5.91%	8,013,797.36
CITIBANK NA	Certificate of Deposit	17330QBN6	3,750,000.00	09/30/2023	10/25/2023	6.17%	3,751,937.74
CITIBANK NA	Certificate of Deposit	17330QDA2	8,000,000.00	03/08/2024	03/08/2024	5.78%	7,998,362.88
CITIBANK NA	Certificate of Deposit	17330QFP7	4,000,000.00	09/20/2024	09/20/2024	6.00%	4,000,712.64
CREDIT AGRICOLE CORPORATE AND INVESTMENT BANK/NEW YORK	Certificate of Deposit	22532XVS4	8,000,000.00	09/30/2023	05/03/2024	5.81%	8,005,788.16
MIZUHO BANK LTD/NEW YORK NY	Certificate of Deposit	60710TFF3	8,000,000.00	09/30/2023	01/18/2024	5.77%	8,004,766.16
MUFG BANK LTD/NEW YORK NY	Certificate of Deposit	55380UJG3	8,000,000.00	09/30/2023	11/13/2023	5.74%	8,002,459.52
RABOBANK NEDERLAND NV NY	Certificate of Deposit	21684LG71	7,750,000.00	09/30/2023	10/31/2023	5.77%	7,752,325.00
SUMITOMO MITSUI BANKING CORP/NEW YORK	Certificate of Deposit	86565FJ60	7,750,000.00	09/30/2023	11/17/2023	5.74%	7,752,508.06
SUMITOMO MITSUI TRUST BANK LTD/ NEW YORK	Certificate of Deposit	86564M7L6	8,000,000.00	09/30/2023	01/10/2024	5.74%	8,003,992.08
TORONTO-DOMINION BANK/NY	Certificate of Deposit	89115BPC8	4,000,000.00	07/10/2024	07/10/2024	6.05%	4,001,962.72
TORONTO-DOMINION BANK/NY	Certificate of Deposit	89115B4V9	8,000,000.00	09/30/2023	09/12/2024	5.89%	8,000,783.76
TRUIST BANK	Certificate of Deposit	89788L6P4	7,500,000.00	10/31/2023	10/31/2023	5.11%	7,496,805.60
WELLS FARGO BANK NA	Certificate of Deposit	95001KJS4	7,750,000.00	09/30/2023	04/05/2024	5.94%	7,760,569.68

## Security Detail (Cont'd)

Issuer Name	Category	Cusip	Principal Amount	Effective Maturity <sup>1</sup>	Final Maturity <sup>2</sup>	Coupon	Market Value
WELLS FARGO BANK NA	Certificate of Deposit	95001KML5	4,000,000.00	09/30/2023	07/05/2024	5.96%	4,003,929.36
WESTPAC BANKING CORP/NY	Certificate of Deposit	96130AUL0	6,970,000.00	08/02/2024	08/02/2024	5.85%	6,964,463.03
AUSTRALIA & NEW ZEALAND BANKING GROUP LTD	Financial Company Commercial Paper	05253ACR9	6,000,000.00	03/25/2024	03/25/2024	-	5,834,608.32
BANCO SANTANDER SA	Financial Company Commercial Paper	05970RC11	8,000,000.00	03/01/2024	03/01/2024	-	7,808,732.00
BANCO SANTANDER SA	Financial Company Commercial Paper	05970UZ43	8,000,000.00	12/04/2023	12/04/2023	-	7,919,685.36
BANK OF MONTREAL	Financial Company Commercial Paper	06373LA33	8,000,000.00	09/30/2023	08/01/2024	5.91%	8,003,090.08
BANK OF NOVA SCOTIA/THE	Financial Company Commercial Paper	06417LXQ5	7,750,000.00	09/30/2023	02/05/2024	5.81%	7,755,758.25
BNP PARIBAS SA/NEW YORK NY	Financial Company Commercial Paper	09659BC81	8,000,000.00	03/08/2024	03/08/2024	-	7,801,290.24
BPCE SA	Financial Company Commercial Paper	05571CZ79	8,000,000.00	12/07/2023	12/07/2023	-	7,915,712.64
COMMONWEALTH BANK OF AUSTRALIA	Financial Company Commercial Paper	20272A3C8	8,000,000.00	09/30/2023	04/22/2024	5.82%	8,004,954.80
COMMONWEALTH BANK OF AUSTRALIA	Financial Company Commercial Paper	20272DJL5	4,000,000.00	09/20/2024	09/20/2024	-	3,779,850.00
DNB BANK ASA	Financial Company Commercial Paper	2332K0CR1	6,983,000.00	03/25/2024	03/25/2024	-	6,790,856.96
DNB BANK ASA	Financial Company Commercial Paper	2332K0F72	6,114,000.00	06/07/2024	06/07/2024	-	5,874,545.19
DNB BANK ASA	Financial Company Commercial Paper	2332K1ZK9	7,500,000.00	12/19/2023	12/19/2023	-	7,409,870.63
ING US FUNDING LLC	Financial Company Commercial Paper	44988GDK1	8,000,000.00	09/30/2023	04/24/2024	5.91%	8,008,229.84
LLOYDS BANK PLC	Financial Company Commercial Paper	53946BHB0	7,750,000.00	09/30/2023	10/16/2023	5.72%	7,750,830.26
LLOYDS BANK PLC	Financial Company Commercial Paper	53946BHK0	8,000,000.00	09/30/2023	02/06/2024	5.69%	8,002,245.12
NATIONAL AUSTRALIA BANK LTD	Financial Company Commercial Paper	63254GWV3	3,750,000.00	09/30/2023	03/06/2024	5.56%	3,748,696.09
NATIONAL AUSTRALIA BANK LTD	Financial Company Commercial Paper	63254GXB6	7,750,000.00	09/30/2023	11/30/2023	5.80%	7,754,235.69
NATIONAL AUSTRALIA BANK LTD	Financial Company Commercial Paper	63254GZE8	8,000,000.00	09/30/2023	09/19/2024	5.83%	7,998,279.36
NATIONAL BANK OF CANADA	Financial Company Commercial Paper	63307LBF7	3,390,000.00	02/15/2024	02/15/2024	-	3,317,263.52
NATIONAL BANK OF CANADA	Financial Company Commercial Paper	63307MXX2	5,800,000.00	10/31/2023	10/31/2023	-	5,772,345.60
NATIONAL BANK OF CANADA	Financial Company Commercial Paper	63307LCF6	4,250,000.00	03/15/2024	03/15/2024	-	4,139,012.65
NORDEA BANK ABP	Financial Company Commercial Paper	65557RBG4	7,750,000.00	09/30/2023	10/10/2023	5.72%	7,750,694.32
RABOBANK NEDERLAND NV NY	Financial Company Commercial Paper	21687AFE8	8,000,000.00	06/14/2024	06/14/2024	-	7,676,365.12
ROYAL BANK OF CANADA/NEW YORK NY	Financial Company Commercial Paper	78016KZ71	3,750,000.00	12/07/2023	12/07/2023	-	3,711,050.93
ROYAL BANK OF CANADA/NEW YORK NY	Financial Company Commercial Paper	78016LAG6	8,000,000.00	09/30/2023	05/23/2024	5.91%	8,010,275.12
SVENSKA HANDELSBANKEN AB	Financial Company Commercial Paper	86960KYD8	7,500,000.00	11/13/2023	11/13/2023	-	7,450,546.88
TORONTO-DOMINION BANK/THE	Financial Company Commercial Paper	89120DWM7	7,250,000.00	09/30/2023	10/02/2023	6.04%	7,250,350.83
WESTPAC BANKING CORP	Financial Company Commercial Paper	9612C1XA0	7,500,000.00	10/10/2023	10/10/2023	-	7,487,991.68
WESTPAC BANKING CORP	Financial Company Commercial Paper	9612C42Q3	4,100,000.00	09/30/2023	01/03/2024	5.83%	4,103,303.04
TOYOTA CREDIT DE PUERTO RICO CORP	Non-Financial Company Commercial Paper	8923A1YH8	8,000,000.00	11/17/2023	11/17/2023	-	7,941,406.88

Security Detail (Cont'd)

Issuer Name	Category	Cusip	Principal Amount	Effective Maturity <sup>1</sup>	Final Maturity <sup>2</sup>	Coupon	Market Value
BofA Securities, Inc.	U.S. Government Agency Repurchase Agreement	-	112,135,000.00	10/02/2023	10/02/2023	5.30%	112,135,000.00
CITIGROUP GLOBAL MARKETS INC.	U.S. Government Agency Repurchase Agreement	-	112,100,000.00	10/02/2023	10/02/2023	5.30%	112,100,000.00
J.P. MORGAN SECURITIES, LLC.	U.S. Government Agency Repurchase Agreement	-	79,300,000.00	10/02/2023	10/02/2023	5.31%	79,300,000.00
ROYAL BANK OF CANADA	U.S. Government Agency Repurchase Agreement	-	112,100,000.00	10/02/2023	10/02/2023	5.30%	112,100,000.00

<sup>1</sup> Effective Maturity - maturity date used in calculating the portfolio's weighted average maturity. Final stated maturities are adjusted for certain interest rate reset features of certain securities.

<sup>2</sup> Final Maturity - maturity date used in calculating the portfolio's weighted average life. Final stated maturities are adjusted only for specific demand provisions of the instrument and not interest rate readjustments.

## Putnam VT Government Money Market Fund

As of 09/29/2023

Portfolio Weighted Average Maturity : 20.37 days

Portfolio Weighted Average Life : 38.90 days

### Security Detail

Issuer Name	Category	Cusip	Principal Amount	Effective Maturity <sup>1</sup>	Final Maturity <sup>2</sup>	Coupon	Market Value
FEDERAL FARM CREDIT DISCOUNT NOTES	U.S. Government Agency Debt	313312RJ1	550,000.00	01/04/2024	01/04/2024	-	542,660.15
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384PY9	500,000.00	12/01/2023	12/01/2023	-	495,730.56
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384UF4	330,000.00	03/13/2024	03/13/2024	-	322,400.89
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384YF0	700,000.00	06/17/2024	06/17/2024	-	675,197.72
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384NC9	500,000.00	10/18/2023	10/18/2023	-	498,862.11
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384ND7	250,000.00	10/19/2023	10/19/2023	-	249,395.54
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384PR4	500,000.00	11/24/2023	11/24/2023	-	496,237.19
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384SN0	750,000.00	02/01/2024	02/01/2024	-	737,047.52
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384SW0	640,000.00	02/09/2024	02/09/2024	-	628,229.14
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384UN7	750,000.00	03/20/2024	03/20/2024	-	731,996.57
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384UQ0	750,000.00	03/22/2024	03/22/2024	-	731,787.35
FHLB	U.S. Government Agency Debt	3130AWFW5	500,000.00	07/15/2024	07/15/2024	5.49%	499,227.70
FHLB	U.S. Government Agency Debt	3130AWPE4	500,000.00	08/19/2024	08/19/2024	5.58%	498,642.65
FHLMC	U.S. Government Agency Debt	3134GYSM5	500,000.00	06/17/2024	06/17/2024	5.42%	498,553.81
FNMA	U.S. Government Agency Debt	3135G07C1	500,000.00	07/26/2024	07/26/2024	5.51%	498,809.93
CITIGROUP GLOBAL MARKETS INC.	U.S. Government Agency Repurchase Agreement	-	22,252,000.00	10/02/2023	10/02/2023	5.30%	22,252,000.00
J.P. MORGAN SECURITIES, LLC.	U.S. Government Agency Repurchase Agreement	-	22,200,000.00	10/02/2023	10/02/2023	5.31%	22,200,000.00
ROYAL BANK OF CANADA	U.S. Government Agency Repurchase Agreement	-	22,200,000.00	10/02/2023	10/02/2023	5.30%	22,200,000.00
UNITED STATES OF AMERICA	U.S. Treasury Debt	91282CGY1	700,000.00	09/30/2023	04/30/2025	5.57%	700,299.92
UNITED STATES OF AMERICA	U.S. Treasury Debt	91282CFS5	700,000.00	09/30/2023	10/31/2024	5.54%	700,790.69
UNITED STATES OF AMERICA	U.S. Treasury Debt	91282CGF2	650,000.00	09/30/2023	01/31/2025	5.60%	650,953.90
UNITED STATES OF AMERICA	U.S. Treasury Debt	91282CHS3	650,000.00	09/30/2023	07/31/2025	5.53%	649,417.59

<sup>1</sup> Effective Maturity - maturity date used in calculating the portfolio's weighted average maturity. Final stated maturities are adjusted for certain interest rate reset features of certain securities.

<sup>2</sup> Final Maturity - maturity date used in calculating the portfolio's weighted average life. Final stated maturities are adjusted only for specific demand provisions of the instrument and not interest rate readjustments.

## Putnam Government Money Market Fund

As of 09/29/2023

Portfolio Weighted Average Maturity : 21.93 days

Portfolio Weighted Average Life : 41.46 days

### Security Detail

Issuer Name	Category	Cusip	Principal Amount	Effective Maturity <sup>1</sup>	Final Maturity <sup>2</sup>	Coupon	Market Value
FEDERAL FARM CREDIT DISCOUNT NOTES	U.S. Government Agency Debt	313312RJ1	1,650,000.00	01/04/2024	01/04/2024	-	1,627,980.45
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384QN2	425,000.00	12/15/2023	12/15/2023	-	420,528.67
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384UQ0	2,000,000.00	03/22/2024	03/22/2024	-	1,951,432.94
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384NC9	1,100,000.00	10/18/2023	10/18/2023	-	1,097,496.64
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384ND7	800,000.00	10/19/2023	10/19/2023	-	798,065.73
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384PR4	2,000,000.00	11/24/2023	11/24/2023	-	1,984,948.74
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384PY9	2,000,000.00	12/01/2023	12/01/2023	-	1,982,922.24
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384SN0	2,000,000.00	02/01/2024	02/01/2024	-	1,965,460.04
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384UN7	2,000,000.00	03/20/2024	03/20/2024	-	1,951,990.84
FED HOME LN DISCOUNT NT	U.S. Government Agency Debt	313384YF0	2,100,000.00	06/17/2024	06/17/2024	-	2,025,593.16
FHLB	U.S. Government Agency Debt	3130AWFW5	2,000,000.00	07/15/2024	07/15/2024	5.49%	1,996,910.78
FHLB	U.S. Government Agency Debt	3130AWPE4	2,000,000.00	08/19/2024	08/19/2024	5.58%	1,994,570.60
FHLMC	U.S. Government Agency Debt	3134GYSM5	2,000,000.00	06/17/2024	06/17/2024	5.42%	1,994,215.22
FNMA	U.S. Government Agency Debt	3135G07C1	2,000,000.00	07/26/2024	07/26/2024	5.51%	1,995,239.72
BofA Securities, Inc.	U.S. Government Agency Repurchase Agreement	-	47,342,000.00	10/02/2023	10/02/2023	5.30%	47,342,000.00
CITIGROUP GLOBAL MARKETS INC.	U.S. Government Agency Repurchase Agreement	-	47,300,000.00	10/02/2023	10/02/2023	5.30%	47,300,000.00
HSBC SECURITIES (USA), INC.	U.S. Government Agency Repurchase Agreement	-	47,300,000.00	10/02/2023	10/02/2023	5.30%	47,300,000.00
ROYAL BANK OF CANADA	U.S. Government Agency Repurchase Agreement	-	47,300,000.00	10/02/2023	10/02/2023	5.30%	47,300,000.00
UNITED STATES OF AMERICA	U.S. Treasury Debt	91282CGY1	2,100,000.00	09/30/2023	04/30/2025	5.57%	2,100,899.75
UNITED STATES OF AMERICA	U.S. Treasury Debt	91282CFS5	2,000,000.00	09/30/2023	10/31/2024	5.54%	2,002,259.12
UNITED STATES OF AMERICA	U.S. Treasury Debt	91282CGF2	1,850,000.00	09/30/2023	01/31/2025	5.60%	1,852,714.95
UNITED STATES OF AMERICA	U.S. Treasury Debt	91282CHS3	2,100,000.00	09/30/2023	07/31/2025	5.53%	2,098,118.36

<sup>1</sup> Effective Maturity - maturity date used in calculating the portfolio's weighted average maturity. Final stated maturities are adjusted for certain interest rate reset features of certain securities.

<sup>2</sup> Final Maturity - maturity date used in calculating the portfolio's weighted average life. Final stated maturities are adjusted only for specific demand provisions of the instrument and not interest rate readjustments.