

Putnam VT Government Money Market Fund

As of 07/31/2017

Portfolio Weighted Average Maturity : 6.57 days
 Portfolio Weighted Average Life : 29.52 days

Security Detail

Issuer Name	Category	Cusip	Principal Amount	Effective Maturity ¹	Final Maturity ²	Coupon	Market Value
FEDERAL FARM CREDIT BANKS	U.S. Government Agency Debt	313313NB0	695,000.00	10/17/2017	10/17/2017	-	693,439.03
FEDERAL FARM CREDIT BANKS	U.S. Government Agency Debt	3133EFJT5	1,000,000.00	08/13/2017	10/13/2017	1.23%	1,000,282.00
FEDERAL FARM CREDIT BANKS	U.S. Government Agency Debt	313313LJ5	1,000,000.00	09/06/2017	09/06/2017	-	998,990.00
FEDERAL FARM CREDIT BANKS	U.S. Government Agency Debt	313313NU8	900,000.00	11/03/2017	11/03/2017	-	897,462.00
FHLB	U.S. Government Agency Debt	3130A8F32	1,400,000.00	08/05/2017	12/05/2017	1.29%	1,401,062.60
FHLB	U.S. Government Agency Debt	3130A7FS9	1,000,000.00	09/07/2017	09/07/2017	1.20%	1,000,173.00
FHLB	U.S. Government Agency Debt	3130A8X24	1,250,000.00	08/02/2017	11/02/2017	1.30%	1,250,725.00
FHLMC	U.S. Government Agency Debt	313397LD1	335,000.00	09/01/2017	09/01/2017	-	334,708.55
FHLMC	U.S. Government Agency Debt	3137EADL0	1,400,000.00	09/29/2017	09/29/2017	1.00%	1,399,686.40
FHLMC	U.S. Government Agency Debt	313397LT6	1,000,000.00	09/15/2017	09/15/2017	-	998,737.00
FHLMC	U.S. Government Agency Debt	313397NS6	1,000,000.00	11/01/2017	11/01/2017	-	997,240.00
FNMA	U.S. Government Agency Debt	3135G0E66	1,150,000.00	08/08/2017	09/08/2017	1.23%	1,150,233.45
FNMA	U.S. Government Agency Debt	3135G0F57	1,800,000.00	08/05/2017	10/05/2017	1.24%	1,800,559.80
CITIGROUP GLOBAL MARKETS INC.	U.S. Government Agency Repurchase Agreement	-	2,100,000.00	08/03/2017	08/03/2017	1.05%	2,100,000.00
CITIGROUP GLOBAL MARKETS INC.	U.S. Government Agency Repurchase Agreement	-	27,564,000.00	08/01/2017	08/01/2017	1.06%	27,564,000.00
GOLDMAN, SACHS & CO.	U.S. Government Agency Repurchase Agreement	-	27,000,000.00	08/01/2017	08/01/2017	1.02%	27,000,000.00
MERRILL LYNCH, PIERCE, FENNER AND SMITH	U.S. Government Agency Repurchase Agreement	-	27,000,000.00	08/01/2017	08/01/2017	1.05%	27,000,000.00
UNITED STATES OF AMERICA	U.S. Treasury Debt	912828Q86	1,150,000.00	08/01/2017	04/30/2018	1.26%	1,151,741.10
UNITED STATES OF AMERICA	U.S. Treasury Debt	912828V64	1,000,000.00	08/01/2017	01/31/2019	1.21%	1,001,732.00
UNITED STATES OF AMERICA	U.S. Treasury Debt	912796KX6	1,000,000.00	11/09/2017	11/09/2017	-	997,017.00
UNITED STATES OF AMERICA	U.S. Treasury Debt	912828N97	1,150,000.00	08/01/2017	01/31/2018	1.34%	1,151,726.15
UNITED STATES OF AMERICA	U.S. Treasury Debt	912828S84	1,000,000.00	08/01/2017	07/31/2018	1.25%	1,001,995.00
UNITED STATES OF AMERICA	U.S. Treasury Debt	912828T75	1,000,000.00	08/01/2017	10/31/2018	1.24%	1,002,216.00

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

² 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.

Holdings are unaudited and will vary over time.

Consider these risks before investing: *You can lose money by investing in the fund. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. The fund may impose a fee upon the sale of your shares or may temporarily suspend your ability to sell shares if the fund's liquidity falls below certain required minimums because of market conditions or other factors. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund's sponsor has no legal obligation to provide financial support to the fund, and you should not expect that the sponsor will provide financial support to the fund at any time. The values of money market investments usually rise and fall in response to changes in interest rates. Interest rate risk is generally lowest for investments with short maturities (a significant part of the fund's investments). Although the fund only buys high quality investments, investments backed by a letter of credit have the risk that the provider of the letter of credit will not be able to fulfill its obligations to the issuer. The effects of inflation may erode the value of your investment over time.*

This material is for informational and educational purposes only. It is not a recommendation of any specific investment product, strategy, or decision, and is not intended to suggest taking or refraining from any course of action. It is not intended to address the needs, circumstances, and objectives of any specific investor. Putnam, which earns fees when clients select its products and services, is not offering impartial advice in a fiduciary capacity in providing this sales and marketing material. This information is not meant as tax or legal advice. Investors should consult a professional advisor before making investment and financial decisions and for more information on tax rules and other laws, which are complex and subject to change.

Investors should carefully consider the investment objectives, risks, charges, and expenses of a fund before investing. For a prospectus containing this and other information for any variable annuity or variable life product that invests in Putnam-managed products, call your financial representative for a contract prospectus and a prospectus for the underlying fund. Read the prospectus carefully before investing.

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Putnam Retail Management

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