

Objective

The fund seeks as high a level of current income as Putnam management believes is consistent with preservation of capital.

Morningstar category

Multisector Bond

Lipper category

VP (Underlying Funds)—General Bond Funds

Benchmark

ICE BofA U.S. Treasury Bill Index

Portfolio Managers

Michael V. Salm
(industry since 1989)

Albert Chan, CFA
(industry since 2002)

Robert L. Davis, CFA
(industry since 1999)

Brett S. Kozlowski, CFA
(industry since 1997)

Robert L. Salvin
(industry since 1986)

Current unit value

Class IA: \$4.34

Class IB: \$4.36

Credit qualities are shown as a percentage of the fund's net assets. A bond rated BBB or higher is considered investment grade. This table reflects the highest security rating provided by one or more of Standard & Poor's, Moody's, and Fitch. Ratings and portfolio credit quality will vary over time. Net cash represents the market value weights of cash, derivatives, and short-term securities in the portfolio. **The fund itself has not been rated by an independent rating agency.**

Putnam VT Diversified Income Fund

Offering a diversified portfolio of income opportunities

Broad diversification

The fund seeks multiple sources of return outside the constraints of its benchmark, investing across traditional and alternative bond markets.

Flexible risk allocations

The fund takes a unique approach to asset allocation, dynamically establishing diversified risk exposures rather than sector exposures.

Active duration management

As the fund's duration is independent of any index, the fund employs strategies that seek to reduce interest-rate risk.

Diversification across bond market sectors

Agency pass-through	60.3%
High-yield corporate bonds	13.8
Agency CMO	12.5
Emerging-market bonds	12.3
Commercial MBS	11.5
Residential MBS (non-agency)	10.4
Convertible securities	5.9
Bank loans	2.0
Investment-grade corporate bonds	1.9
Asset-backed securities (ABS)	0.9
Net cash	30.2

Allocations will vary over time. 11.7% of the portfolio invested internationally.

Allocations may not total 100% of net assets because the table includes the notional value of derivatives (the economic value for purposes of calculating periodic payment obligations), in addition to the market value of securities.

Portfolio quality

AAA	13.2%
AA	0.3
A	1.1
BBB	7.8
BB	17.7
B	8.2
CCC and below	6.9
Not rated	14.7
Net cash	30.2

Holdings represent 100% of the portfolio and will vary over time.

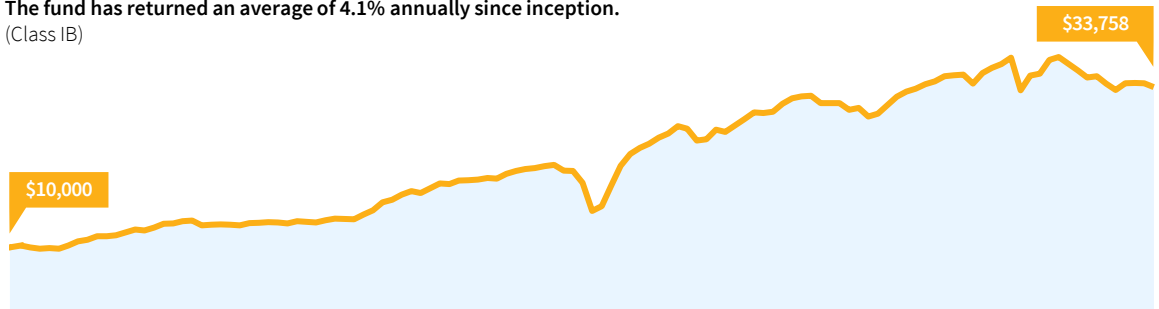
Negative weights may result from timing differences between trade and settlement dates of securities, such as TBAs, or by the use of derivatives.

Maturity breakdown

0 to 1 year	-19.3%
1 to 5 years	28.8
5 to 10 years	82.5
10 to 15 years	7.4
Over 15 years	0.6

Growth of a \$10,000 investment

The fund has returned an average of 4.1% annually since inception. (Class IB)



9/15/93 '95 '96 '97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10 '11 '12 '13 '14 '15 '16 '17 '18 '19 '20 '21 9/30/23

Current performance may be lower or higher than the quoted past performance, which cannot guarantee future results. Share price, principal value, and return will vary, and you may have a gain or a loss when you sell your shares. All total return figures are at net asset value. The charges and expenses of the insurance company separate account level are not reflected. Performance for class IB shares for periods prior to their inception is based on class IA shares, adjusted to reflect the fees paid by class IB shares including a 12b-1 fee of 0.25%. To obtain the most recent month-end performance, contact your variable annuity provider, who has more information about their variable annuity and variable life products that invest in Putnam managed products. For a portion of the period, this fund limited expenses, without which returns would have been lower.

**Not FDIC insured
May lose value
No bank guarantee**

Morningstar rankings

(1B shares, based on total return)

1 year	90% (29/29)
3 years	83% (22/29)
5 years	97% (29/29)
10 years	95% (21/24)

Number of holdings

899

Net assets

\$107.82M

Average effective duration

4.45

Average effective maturity

7.46

Standard deviation

4.51

Average effective duration

provides a measure of a fund's interest-rate sensitivity. The longer a fund's duration, the more sensitive the fund is to shifts in interest rates.

Average effective maturity

depends on the maturity of the underlying bonds within each fund. The longer the maturity, the greater the interest-rate risk. **Standard deviation** measures how widely a set of values varies from the mean. It is a historical measure of the variability of return earned by an investment portfolio over a 3-year period. Variable annuities are long-term investment vehicles intended for retirement planning. Annuities have insurance related charges and tax considerations, and are offered by contract only.

For informational purposes only. Not an investment recommendation.

FOR INVESTMENT
PROFESSIONAL USE ONLY
Not for public distribution

Putnam Retail Management
FS82_VT 335362 10/23

Annual performance at net asset value (all distributions reinvested)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 YTD
Class IA	0.68%	-2.32%	5.76%	7.42%	-0.74%	11.56%	-0.76%	-6.73%	-2.06%	-1.36%
Class IB	0.35	-2.34	5.42	7.12	-0.98	11.23	-0.90	-6.95	-2.35	-1.72
Benchmark	0.06	0.09	0.37	0.81	1.88	2.35	0.74	0.05	1.33	3.63

Annualized total return performance

	Q3	1 year	3 years	5 years	10 years
Class IA NAV (Inception 9/15/93)	-1.36%	1.67%	-1.59%	-0.79%	1.43%
Class IB NAV (Inception 4/6/98)	-1.58	1.28	-1.89	-1.05	1.15
Benchmark	1.32	4.52	1.67	1.73	1.12

Current performance may be lower or higher than the quoted past performance, which cannot guarantee future results. Share price, principal value, and return will vary, and you may have a gain or a loss when you sell your shares. All total return figures are at net asset value. The charges and expenses of the insurance company separate account level are not reflected. Performance for class IB shares for periods prior to their inception is based on class IA shares, adjusted to reflect the fees paid by class IB shares including a 12b-1 fee of 0.25%. Class IA shares are offered at net asset value and are not subject to a distribution fee. Class IB shares are offered at net asset value and pay an ongoing distribution fee. To obtain the most recent month-end performance, contact your variable annuity provider, who has more information about their variable annuity and variable life products that invest in Putnam-managed products. For a portion of the period, this fund limited expenses, without which returns would have been lower.

The ICE BofA U.S. Treasury Bill Index is an unmanaged index that tracks the performance of U.S. dollar-denominated U.S. Treasury bills publicly issued in the U.S. domestic market. Qualifying securities must have a remaining term of at least one month to final maturity and a minimum amount outstanding of \$1 billion.

ICE Data Indices, LLC (ICE BofA), used with permission. ICE BofA permits use of the ICE BofA indices and related data on an "as is" basis; makes no warranties regarding same; does not guarantee the suitability, quality, accuracy, timeliness, and/or completeness of the ICE BofA indices or any data included in, related to, or derived therefrom; assumes no liability in connection with the use of the foregoing; and does not sponsor, endorse, or recommend Putnam Investments, or any of its products or services.

Morningstar rankings for class IB shares are based on total return without sales charge relative to all share classes of funds with similar objectives as determined by Morningstar. Morningstar rankings may differ significantly from Morningstar's risk-adjusted star ratings. Past performance is not indicative of future results.

Consider these risks before investing: Emerging market securities carry illiquidity and volatility risks. Lower-rated bonds may offer higher yields in return for more risk. Funds that invest in government securities are not guaranteed. Mortgage-backed investments, unlike traditional debt investments, are subject to prepayment risk, which means that they may increase in value less than other bonds when interest rates decline and decline in value more than other bonds when interest rates rise.

The fund's investments in mortgage-backed securities and asset-backed securities, and in certain other securities and derivatives, may be or become illiquid. The fund's concentration in an industry group comprising mortgage-backed securities may make the fund's net asset value more susceptible to economic, market, political, and other developments affecting the housing or real estate markets and the servicing of mortgage loans secured by real estate properties. The fund currently has significant investment exposure to commercial mortgage-backed securities. Bond investments are subject to interest-rate risk (the risk of bond prices falling if interest rates rise) and credit risk (the risk of an issuer defaulting on interest or principal payments). Interest-rate risk is generally greater for longer-term bonds, and credit risk is generally greater for below-investment-grade bonds. Risks associated with derivatives include increased investment exposure (which may be considered leverage) and, in the case of over-the-counter instruments, the potential inability to terminate or sell derivatives positions and the potential failure of the other party to the instrument to meet its obligations. Unlike bonds, funds that invest in bonds have fees and expenses. The value of investments in the fund's portfolio may fall or fail to rise over time for a variety of reasons, including general economic, political, or financial market conditions; investor sentiment and market perceptions; government actions; geopolitical events or changes; and factors related to a specific issuer, geography, industry, or sector. International investing involves currency, economic, and political risks. These and other factors may lead to increased volatility and reduced liquidity in the fund's portfolio holdings.

Our investment techniques, analyses, and judgments may not produce the outcome we intend. We, or the fund's other service providers, may experience disruptions or operating errors that could have a negative effect on the fund. You can lose money by investing in the fund.

Your clients should carefully consider the investment objective, 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 the Putnam Client Engagement Center at 1-800-354-4000. Your clients should read the prospectus carefully before investing.