

Supplement Dated May 13, 2019
To the Prospectus and Statement of Additional Information,
each dated May 1, 2014, as amended

Individual Nonqualified Variable Annuity

Issued by Voya Retirement Insurance and Annuity Company
Through its Variable Annuity Account B

This supplement updates and amends certain information contained in your variable annuity prospectus and Statement of Additional Information, each dated May 1, 2014, and subsequent supplements thereto. Please read it carefully and keep it with your variable annuity prospectus and Statement of Additional Information for future reference.

**IMPORTANT INFORMATION ABOUT THE INTERNET AVAILABILITY OF
FUND SHAREHOLDER REPORTS**

Internet Availability of Fund Shareholder Reports. Beginning on January 1, 2021, as permitted by regulations adopted by the SEC, paper copies of the shareholder reports for the funds available under your contract will no longer be sent by mail, unless you specifically request paper copies of the reports from the Company. Instead, the reports will be made available on a website, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. If available, you may elect to receive shareholder reports and other communications from the Company electronically by contacting Customer Service.

You may elect to receive all future reports in paper free of charge. You can inform the Company that you wish to continue receiving paper copies of your shareholder reports by calling 1-800-283-3427. Your election to receive reports in paper will apply to all funds available under your contract.

IMPORTANT INFORMATION ABOUT THE FUNDS AVAILABLE THROUGH THE CONTRACTS

The following chart lists the funds that are available through the contracts, along with each fund's investment adviser/subadviser and investment objective. More detailed information about these funds can be found in the current prospectus and Statement of Additional Information for each fund. If you received a summary prospectus for any of the funds available through your Contract, you may obtain a full prospectus and other fund information free of charge by either accessing the internet address, calling the telephone number or sending an email request to the email address shown on the front of the fund's summary prospectus.

There is no assurance that the stated investment objectives of any of the funds will be achieved. Shares of the funds will rise and fall in value and you could lose money by allocating contract value to the subaccounts that invest in the funds. Shares of the funds are not bank deposits and are not guaranteed, endorsed or insured by any financial institution, the Federal Deposit Insurance Corporation or any other government agency.

Fund Name	Investment Objective(s)
Investment Adviser/Subadviser Fidelity® VIP ContrafundSM Portfolio (Initial Class) Investment Adviser: Fidelity Management & Research Company Subadvisers: FMR Co., Inc. and other investment advisers	Seeks long-term capital appreciation.
Fidelity® VIP Equity-Income Portfolio (Initial Class) Investment Adviser: Fidelity Management & Research Company Subadvisers: FMR Co., Inc. and other investment advisers	Seeks reasonable income. Also considers the potential for capital appreciation. Seeks to achieve a yield which exceeds the composite yield on the securities comprising the S&P 500® Index.
Fidelity® VIP Growth Portfolio (Initial Class) Investment Adviser: Fidelity Management & Research Company Subadvisers: FMR Co., Inc. and other investment advisers	Seeks to achieve capital appreciation.
Fidelity® VIP Overseas Portfolio (Initial Class) Investment Adviser: Fidelity Management & Research Company Subadvisers: FMR Co., Inc., FMR Investment Management (UK) Limited and other investment advisers	Seeks long-term growth of capital.
Voya Balanced Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks total return consisting of capital appreciation (both realized and unrealized) and current income; the secondary investment objective is long-term capital appreciation.
Voya Global Bond Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks to maximize total return through a combination of current income and capital appreciation.
Voya Global Equity Portfolio (Class S)⁽¹⁾⁽²⁾ Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks long-term capital growth and current income.

Fund Name	Investment Objective(s)
Investment Adviser/Subadviser Voya Government Money Market Portfolio* (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks to provide high current return consistent with preservation of capital and liquidity, through investment in high-quality money market instruments while maintaining a stable share price of \$1.00.
* There is no guarantee that the Voya Government Money Market Portfolio subaccount will have a positive or level return.	
Voya Growth and Income Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks to maximize total return through investments in a diversified portfolio of common stock and securities convertible into common stocks. It is anticipated that capital appreciation and investment income will both be major factors in achieving total return.
Voya Intermediate Bond Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks to maximize total return consistent with reasonable risk. The Portfolio seeks its objective through investments in a diversified portfolio consisting primarily of debt securities. It is anticipated that capital appreciation and investment income will both be major factors in achieving total return.
Voya International High Dividend Low Volatility Portfolio (Class I)⁽²⁾⁽³⁾ Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks maximum total return.
Voya International Index Portfolio (Class S) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks investment results (before fees and expenses) that correspond to the total return (which includes capital appreciation and income) of a widely accepted international index.
Voya Large Cap Growth Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks long-term capital growth.
Voya MidCap Opportunities Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks long-term capital appreciation.

Fund Name	Investment Objective(s)
Investment Adviser/Subadviser Voya Russell™ Large Cap Growth Index Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks investment results (before fees and expenses) that correspond to the total return (which includes capital appreciation and income) of the Russell Top 200® Growth Index.
Voya Strategic Allocation Conservative Portfolio (Class I)⁽⁴⁾ Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks to provide total return (<i>i.e.</i> , income and capital growth, both realized and unrealized) consistent with preservation of capital.
Voya Strategic Allocation Growth Portfolio (Class I)⁽⁴⁾ Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks to provide capital appreciation.
Voya Strategic Allocation Moderate Portfolio (Class I)⁽⁴⁾ Investment Adviser: Voya Investments, LLC Subadviser: Voya Investment Management Co. LLC	Seeks to provide total return (<i>i.e.</i> , income and capital appreciation, both realized and unrealized).
VY® Invesco Equity and Income Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: Invesco Advisers, Inc.	Seeks total return consisting of long-term capital appreciation and current income.
VY® Oppenheimer Global Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: OppenheimerFunds, Inc.	Seeks capital appreciation.
VY® T. Rowe Price Diversified Mid Cap Growth Portfolio (Class I) Investment Adviser: Voya Investments, LLC Subadviser: T. Rowe Price Associates, Inc.	Seeks long-term capital appreciation.

Fund Name	Investment Objective(s)
Investment Adviser/Subadviser VY[®] T. Rowe Price Growth Equity Portfolio (Class I)	Seeks long-term growth through investments in stocks.
Investment Adviser: Voya Investments, LLC	
Subadviser: T. Rowe Price Associates, Inc.	

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- (1) This fund is the survivor of a prior merger involving the Voya Global Resources Portfolio.
- (2) This fund employs a managed volatility strategy. A managed volatility strategy is a strategy that is intended to reduce the fund's overall volatility and downside risk, and thereby, help us manage the risks associated with providing certain guarantees under the contract. During rising markets, the hedging strategies employed to manage volatility could result in your account value rising less than would have been the case if you had been invested in a fund with substantially similar investment objectives, policies and strategies that does not utilize a volatility management strategy. In addition, the cost of these hedging strategies may have a negative impact on performance. On the other hand, investing in funds with a managed volatility strategy may be helpful in a declining market with higher market volatility because the hedging strategy will reduce your equity exposure in such circumstances. In such cases, your account value may decline less than would have been the case if you had not invested in funds with a managed volatility strategy. There is no guarantee that a managed volatility strategy can achieve or maintain the fund's optimal risk targets, and the fund may not perform as expected.
- (3) Prior to May 1, 2019, this fund was known as the VY[®] Templeton Foreign Equity Portfolio.
- (4) This fund is structured as a "fund of funds." A fund structured as a "fund of funds" may have higher fees and expenses than a fund that invests directly in debt and equity securities because it also incurs the fees and expenses of the underlying funds in which it invests. Please refer to the fund prospectus for information about the aggregate annual operating expenses of the fund and its corresponding underlying fund or funds.

MORE INFORMATION IS AVAILABLE

More information about the funds available through your Contract, including information about the risks associated with investing in them, can be found in the current prospectus and Statement of Additional Information for each fund. You may obtain these documents by contacting:

Customer Service
Defined Contribution Administration
P.O. Box 990063
Hartford, CT 06199-0063
1-800-584-6001

If you received a summary prospectus for any of the funds available through your Contract, you may obtain a full prospectus and other fund information free of charge by either accessing the internet address, calling the telephone number or sending an email request to the email address shown on the front of the fund's summary prospectus.