



Vanguard Variable Insurance Funds Equity Income Portfolio

April 29, 2021

Prospectus

This prospectus contains financial data for the Portfolio through the fiscal year ended December 31, 2020.

The Securities and Exchange Commission (SEC) has not approved or disapproved these securities or passed upon the adequacy of this prospectus. Any representation to the contrary is a criminal offense.

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Portfolio Summary

Investment Objective

The Portfolio seeks to provide an above-average level of current income and reasonable long-term capital appreciation.

Fees and Expenses

The following table describes the fees and expenses you may pay if you buy, hold, and sell shares of the Portfolio. The expenses shown in the table and in the example that follows do not reflect additional fees and expenses associated with the annuity or life insurance program through which you invest. If those additional fees and expenses were included, overall expenses would be higher.

Annual Portfolio Operating Expenses

(Expenses that you pay each year as a percentage of the value of your investment)

| | |
|---|-------|
| Management Fees | 0.29% |
| 12b-1 Distribution Fee | None |
| Other Expenses | 0.01% |
| Total Annual Portfolio Operating Expenses | 0.30% |

Example

The following example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. It illustrates the hypothetical expenses that you would incur over various periods if you were to invest \$10,000 in the Portfolio's shares. This example assumes that the Portfolio provides a return of 5% each year and that total annual portfolio operating expenses remain as stated in the preceding table. You would incur these hypothetical expenses whether or not you were to redeem your investment at the end of the given period. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

| | | | |
|--------|---------|---------|----------|
| 1 Year | 3 Years | 5 Years | 10 Years |
| \$31 | \$97 | \$169 | \$381 |

Portfolio Turnover

The Portfolio pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs. These costs, which are not reflected in annual portfolio operating expenses or in the previous expense example, reduce the Portfolio's performance. During the most recent fiscal year, the Portfolio's turnover rate was 40% of the average value of its portfolio.

Principal Investment Strategies

The Portfolio invests mainly in common stocks of mid-size and large companies whose stocks typically pay above-average levels of dividend income and are, in the opinion of the purchasing advisor, undervalued relative to similar stocks. In addition, the advisors generally look for companies that they believe are committed to paying dividends consistently. Under normal circumstances, the Portfolio will invest at least 80% of its assets in equity securities. The Portfolio's 80% policy may be changed only upon 60 days' notice to shareholders. The Portfolio uses multiple investment advisors. Each advisor independently selects and maintains a portfolio of common stocks for the Portfolio.

Principal Risks

An investment in the Portfolio could lose money over short or long periods of time. You should expect the Portfolio's share price and total return to fluctuate within a wide range. The Portfolio is subject to the following risks, which could affect the Portfolio's performance:

- *Stock market risk*, which is the chance that stock prices overall will decline. Stock markets tend to move in cycles, with periods of rising prices and periods of falling prices.
- *Investment style risk*, which is the chance that returns from mid- and large-capitalization dividend-paying value stocks will trail returns from the overall stock market. Mid- and large-cap stocks each tend to go through cycles of doing better—or worse—than other segments of the stock market or the stock market in general. These periods have, in the past, lasted for as long as several years. Historically, mid-cap stocks have been more volatile in price than large-cap stocks. The stock prices of mid-size companies tend to experience greater volatility because, among other things, these companies tend to be more sensitive to changing economic conditions.
- *Manager risk*, which is the chance that poor security selection will cause the Portfolio to underperform relevant benchmarks or other funds with a similar investment objective.

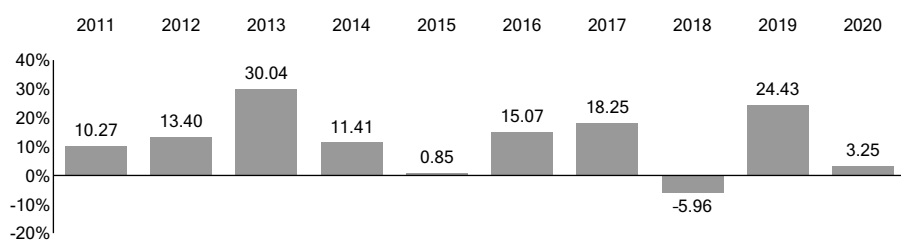
An investment in the Portfolio is not a deposit of a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency.

Annual Total Returns

The following bar chart and table are intended to help you understand the risks of investing in the Portfolio. The bar chart shows how the performance of the Portfolio has varied from one calendar year to another over the periods shown. The table shows how the average annual total returns of the Portfolio compare

with those of a relevant market index and another comparative index, which have investment characteristics similar to those of the Portfolio. The Portfolio's returns are net of its expenses but do not reflect additional fees and expenses that are deducted by the annuity or life insurance program through which you invest. If such fees and expenses were included in the calculation of the Portfolio's returns, the returns would be lower. Keep in mind that the Portfolio's past performance does not indicate how the Portfolio will perform in the future. Updated performance information is available on our website for Financial Advisors at advisors.vanguard.com or by calling Vanguard toll-free at 800-522-5555.

Annual Total Returns — Equity Income Portfolio



During the periods shown in the bar chart, the highest and lowest returns for a calendar quarter were:

| | Total Return | Quarter |
|---------|--------------|-------------------|
| Highest | 13.79% | December 31, 2011 |
| Lowest | -22.71% | March 31, 2020 |

Average Annual Total Returns for Periods Ended December 31, 2020

| | 1 Year | 5 Years | 10 Years |
|--|--------|---------|----------|
| Equity Income Portfolio | 3.25% | 10.45% | 11.62% |
| Comparative Indexes | | | |
| (reflect no deduction for fees or expenses) | | | |
| FTSE High Dividend Yield Index | 1.16% | 10.03% | 11.57% |
| Dow Jones U.S. Total Stock Market Float Adjusted Index | 20.79 | 15.36 | 13.74 |

Investment Advisors

Wellington Management Company LLP (Wellington Management)

The Vanguard Group, Inc. (Vanguard)

Portfolio Managers

W. Michael Reckmeyer, III, CFA, Senior Managing Director and Equity Portfolio Manager of Wellington Management. He has managed a portion of the Portfolio since 2007.

Binbin Guo, Ph.D., Principal of Vanguard and head of the Alpha Equity U.S. Investment team within Vanguard's Quantitative Equity Group. He has co-managed a portion of the Portfolio since 2016.

Sharon Hill, Ph.D., Senior Portfolio Manager and head of the Alpha Equity Global and Income Investment team within Vanguard's Quantitative Equity Group. She has co-managed a portion of the Portfolio since February 2021.

James P. Stetler, Senior Portfolio Manager at Vanguard. He has managed a portion of the Portfolio since 2003 (co-managed since 2012).


Tax Information

The Portfolio normally distributes its net investment income and net realized capital gains, if any, to its shareholders, which are the insurance company separate accounts that sponsor your variable annuity or variable life insurance contract. The tax consequences to you of your investment in the Portfolio depend on the provisions of the annuity or life insurance contract through which you invest. For more information on taxes, please refer to the prospectus of the annuity or life insurance contract through which Portfolio shares are offered.

Payments to Financial Intermediaries

The Portfolio and its investment advisors do not pay financial intermediaries for sales of Portfolio shares.

More on the Portfolio

This prospectus describes the principal risks you would face as an investor in this Portfolio. It is important to keep in mind one of the main principles of investing: generally, the higher the risk of losing money, the higher the potential reward. The reverse, also, is generally true: the lower the risk, the lower the potential reward. As you consider an investment in any mutual fund, you should take into account your personal tolerance for fluctuations in the securities markets. Look for this  symbol throughout the prospectus. It is used to mark detailed information about the more significant risks that you would confront as a Portfolio investor. To highlight terms and concepts important to mutual fund investors, we have provided Plain Talk[®] explanations along the way. Reading the prospectus will help you decide whether the Portfolio is the right investment for you. We suggest that you keep this prospectus for future reference.

A Note About Vanguard Variable Insurance Funds

The Equity Income Portfolio of Vanguard Variable Insurance Funds is a mutual fund used solely as an investment option for annuity or life insurance contracts offered by insurance companies. This means that you cannot purchase shares of the Portfolio directly, but only through a contract offered by an insurance company.

The Equity Income Portfolio is separate from other Vanguard mutual funds, even when the Portfolio and a fund have the same investment objective and advisor. The Portfolio's investment performance will differ from the performance of other Vanguard funds because of differences in the securities held and because of administrative and insurance costs associated with the annuity or life insurance program through which you invest.

Plain Talk About Costs of Investing

Costs are an important consideration in choosing a mutual fund. That is because you, as a contract owner, pay a proportionate share of the costs of operating a fund and any transaction costs incurred when the fund buys or sells securities. These costs can erode a substantial portion of the gross income or the capital appreciation a fund achieves. Even seemingly small differences in expenses can, over time, have a dramatic effect on a fund's performance.

The following sections explain the principal investment strategies and policies that the Portfolio uses in pursuit of its investment objective. The board of trustees of Vanguard Variable Insurance Funds (the Board), which oversees the

Portfolio's management, may change investment strategies or policies in the interest of shareholders without a shareholder vote, unless those strategies or policies are designated as fundamental.

Market Exposure

The Portfolio invests mainly in common stocks of U.S. companies.



The Portfolio is subject to stock market risk, which is the chance that stock prices overall will decline. Stock markets tend to move in cycles, with periods of rising prices and periods of falling prices.

Stocks of publicly traded companies are often classified according to market capitalization, which is the market value of a company's outstanding shares. These classifications typically include small-cap, mid-cap, and large-cap. It is important to understand that there are no "official" definitions of small-, mid-, and large-cap, even among Vanguard fund advisors, and that market capitalization ranges can change over time. The asset-weighted median market capitalization of the Portfolio's stock holdings as of December 31, 2020, was \$109 billion.

Stock funds can also be categorized according to whether the stocks they hold are value or growth stocks or a blend of both. The Equity Income Portfolio generally fits into the large-cap value category.



The Portfolio is subject to investment style risk, which is the chance that returns from mid- and large-capitalization dividend-paying value stocks will trail returns from the overall stock market. Mid- and large-cap stocks each tend to go through cycles of doing better—or worse—than other segments of the stock market or the stock market in general. These periods have, in the past, lasted for as long as several years. Historically, mid-cap stocks have been more volatile in price than large-cap stocks. The stock prices of mid-size companies tend to experience greater volatility because, among other things, these companies tend to be more sensitive to changing economic conditions.

Plain Talk About Growth Funds and Value Funds

Growth investing and value investing are two styles employed by stock-fund managers. Growth funds generally invest in stocks of companies believed to have above-average potential for growth in revenue, earnings, cash flow, or other similar criteria. These stocks typically have low dividend yields, if any, and above-average prices in relation to measures such as earnings and book value. Value funds typically invest in stocks whose prices are below average in relation to those measures; these stocks often have above-average dividend yields. Value stocks also may remain undervalued by the market for long periods of time. Growth and value stocks have historically produced similar long-term returns, though each category has periods when it outperforms the other.

Market disruptions can adversely affect local and global markets as well as normal market conditions and operations. Any such disruptions could have an adverse impact on the value of the Portfolio's investments and Portfolio performance.

Security Selection

The Portfolio invests mainly in common stocks of mid-size and large companies whose stocks typically pay above-average dividends. At the time of purchase by the Portfolio, a stock can be out of favor with the investment community. Stocks purchased by the Portfolio are generally expected to produce an above-average level of current income and to have the potential for long-term capital appreciation.

The Portfolio uses multiple investment advisors. Each advisor independently selects and maintains a portfolio of common stocks for the Portfolio. Each advisor employs active investment management methods, which means that securities are bought and sold according to the advisor's evaluations of companies and their financial prospects, the prices of the securities, and the stock market and the economy in general. Each advisor will sell a security when, in the view of the advisor, it is no longer as attractive as an alternative investment or if the advisor deems it to be in the best interest of the Portfolio. Different advisors may reach different conclusions on the same security. Each advisor uses a different process to select securities for its portion of the Portfolio's assets; however, each is committed to buying stocks that it believes will produce above-average income and that, in the advisor's opinion, have the potential for long-term capital appreciation.

Wellington Management employs a fundamental security analysis approach to identify desirable individual stocks, seeking those that typically offer above-average dividend yields, below-average valuations, and the potential for dividend increases in the future.

Vanguard constructs a diversified portfolio of dividend-paying stocks based on its assessment of the relative return potential of the securities. The advisor selects securities that it believes offer an appropriate balance between strong growth prospects and reasonable valuations relative to their industry peers. Vanguard manages the portfolio through the use of a quantitative process to evaluate all of the securities in the Portfolio's benchmark, the FTSE High Dividend Yield Index, while seeking to maintain a risk profile similar to that of the Index. This process was developed and is managed by Vanguard's Alpha Equity U.S. Investment team and is continually evolving. All potential enhancements to the process go through rigorous peer vetting and validation before being implemented.



The Portfolio is subject to manager risk, which is the chance that poor security selection will cause the Portfolio to underperform relevant benchmarks or other funds with a similar investment objective.

Other Investment Policies and Risks

In addition to investing in dividend-paying stocks, the Portfolio may make other kinds of investments to achieve its investment objective.

Although the Portfolio typically does not make significant investments in foreign securities, it reserves the right to invest up to 25% of its assets in foreign securities, which may include depositary receipts. Foreign securities may be traded on U.S. or foreign markets. To the extent that it owns foreign securities, the Portfolio is subject to country risk and currency risk. *Country risk* is the chance that world events—such as political upheaval, financial troubles, or natural disasters—will adversely affect the value of securities issued by companies in foreign countries. In addition, the prices of foreign stocks and the prices of U.S. stocks have, at times, moved in opposite directions. *Currency risk* is the chance that the value of a foreign investment, measured in U.S. dollars, will decrease because of unfavorable changes in currency exchange rates.

The Portfolio may also invest, to a limited extent, in derivatives. Generally speaking, a derivative is a financial contract whose value is based on the value of a financial asset (such as a stock, a bond, or a currency), a physical asset (such as gold, oil, or wheat), a market index, or a reference rate. Investments in derivatives may subject the Portfolio to risks different from, and possibly greater

than, those of investments directly in the underlying securities or assets. The Portfolio will not use derivatives for speculation or for the purpose of leveraging (magnifying) investment returns.

The Portfolio may enter into foreign currency exchange forward contracts, which are a type of derivative. A foreign currency exchange forward contract is an agreement to buy or sell a currency at a specific price on a specific date, usually 30, 60, or 90 days in the future. In other words, the contract guarantees an exchange rate on a given date. Advisors of portfolios that invest in foreign securities can use these contracts to guard against unfavorable changes in currency exchange rates. These contracts, however, would not prevent the Portfolio's securities from falling in value as a result of risks other than unfavorable currency exchange movements.

Plain Talk About Derivatives

Derivatives can take many forms. Some forms of derivatives—such as exchange-traded futures and options on securities, commodities, or indexes—have been trading on regulated exchanges for decades. These types of derivatives are standardized contracts that can easily be bought and sold and whose market values are determined and published daily. On the other hand, non-exchange-traded derivatives—such as certain swap agreements and foreign currency exchange forward contracts—tend to be more specialized or complex and may be more difficult to accurately value.

Vanguard administers a small portion of the Portfolio's assets to facilitate cash flows to and from the Portfolio's advisors. The Portfolio may invest these assets in equity futures, which are a type of derivative, and/or shares of exchange-traded funds (ETFs), including ETF Shares issued by Vanguard stock funds. These equity futures and ETFs typically provide returns similar to those of common stocks. The Portfolio may also purchase futures or ETFs when doing so will reduce the Portfolio's transaction costs or have the potential to add value because the instruments are favorably priced. Vanguard receives no additional revenue from Portfolio assets invested in ETF Shares of other Vanguard funds. Portfolio assets invested in ETF Shares are excluded when allocating to the Portfolio its share of the costs of Vanguard operations.

Cash Management

The Portfolio's daily cash balance may be invested in Vanguard Market Liquidity Fund and/or Vanguard Municipal Cash Management Fund (each, a CMT Fund), which are low-cost money market funds. When investing in a CMT Fund, the

Portfolio bears its proportionate share of the expenses of the CMT Fund in which it invests. Vanguard receives no additional revenue from Portfolio assets invested in a CMT Fund.

Temporary Investment Measures

The Portfolio may temporarily depart from its normal investment policies and strategies when an advisor believes that doing so is in the Portfolio's best interest, so long as the strategy or policy employed is consistent with the Portfolio's investment objective. For instance, the Portfolio may invest beyond its normal limits in derivatives or exchange-traded funds that are consistent with the Portfolio's investment objective when those instruments are more favorably priced or provide needed liquidity, as might be the case if the Portfolio is transitioning assets from one advisor to another or receives large cash flows that it cannot prudently invest immediately.

In addition, the Portfolio may take temporary defensive positions that are inconsistent with its normal investment policies and strategies—for instance, by allocating substantial assets to cash equivalent investments or other less volatile instruments—in response to adverse or unusual market, economic, political, or other conditions. In doing so, the Portfolio may succeed in avoiding losses but may otherwise fail to achieve its investment objective.

Frequent Trading or Market-Timing

Background. Some investors try to profit from strategies involving frequent trading of mutual fund shares, such as market-timing. For funds holding foreign securities, investors may try to take advantage of an anticipated difference between the price of the fund's shares and price movements in overseas markets, a practice also known as time-zone arbitrage. Investors also may try to engage in frequent trading of funds holding investments such as small-cap stocks and high-yield bonds. As money is shifted into and out of a fund by an investor engaging in frequent trading, the fund incurs costs for buying and selling securities, resulting in increased brokerage and administrative costs. These costs are borne by *all* fund investors, including the long-term investors who do not generate the costs. In addition, frequent trading may interfere with an advisor's ability to efficiently manage the fund.

Policies to address frequent trading. The Vanguard funds (other than money market funds and short-term bond funds, but including Vanguard Short-Term Inflation-Protected Securities Index Fund) do not knowingly accommodate frequent trading. The board of trustees of each Vanguard fund (other than money market funds and short-term bond funds, but including Vanguard Short-Term Inflation-Protected Securities Index Fund) has adopted policies and procedures reasonably designed to detect and discourage frequent trading and, in some

cases, to compensate the fund for the costs associated with it. These policies and procedures do not apply to ETF Shares because frequent trading in ETF Shares generally does not disrupt portfolio management or otherwise harm fund investors. Although there is no assurance that Vanguard will be able to detect or prevent frequent trading or market-timing in all circumstances, the following policies have been adopted to address these issues:

- Each Vanguard fund reserves the right to reject any purchase request—including exchanges from other Vanguard funds—without notice and regardless of size. For example, a purchase request could be rejected because the investor has a history of frequent trading or if Vanguard determines that such purchase may negatively affect a fund’s operation or performance.
- Certain Vanguard funds charge investors purchase and/or redemption fees on transactions.

You may purchase or sell Portfolio shares through a contract offered by an insurance company. When insurance companies establish omnibus accounts in the Portfolio for their clients, we cannot monitor the individual clients’ trading activity. However, we review trading activity at the omnibus account level, and we look for activity that may indicate potential frequent trading or market-timing. If we detect suspicious trading activity, we will seek the assistance of the insurance company to investigate that trading activity and take appropriate action, including prohibiting additional purchases of Portfolio shares by a client. Insurance companies may apply frequent-trading policies that differ from one another. Please read the insurance company contract and program materials carefully to learn of any rules or fees that may apply.

See the accompanying prospectus for the annuity or insurance program through which Portfolio shares are offered for further details on transaction policies.

The Portfolio, in determining its net asset value, will use fair-value pricing when appropriate, as described in the *Share Price* section. Fair-value pricing may reduce or eliminate the profitability of certain frequent-trading strategies.

Do not invest with Vanguard if you are a market-timer.

Turnover Rate

A mutual fund’s turnover rate is a measure of its trading activity. The Portfolio may sell securities regardless of how long they have been held. The historical turnover rates for the Portfolio can be found in the **Financial Highlights** section of this prospectus. A turnover rate of 100%, for example, would mean that the Portfolio had sold and replaced securities valued at 100% of its net assets within a one-year period. In general, the greater the turnover rate, the greater the

impact transaction costs will have on a fund's return. Also, funds with high turnover rates may be more likely to generate capital gains, including short-term capital gains, that must be distributed to shareholders and will be taxable to shareholders investing through a taxable account.

The Portfolio and Vanguard

The Portfolio is a member of The Vanguard Group, a family of over 200 funds. All of the funds that are members of The Vanguard Group (other than funds of funds) share in the expenses associated with administrative services and business operations, such as personnel, office space, and equipment.

Vanguard Marketing Corporation provides marketing services to the funds. Although fund shareholders do not pay sales commissions or 12b-1 distribution fees, each fund (other than a fund of funds) or each share class of a fund (in the case of a fund with multiple share classes) pays its allocated share of the Vanguard funds' marketing costs.

Plain Talk About Vanguard's Unique Corporate Structure

The Vanguard Group is owned jointly by the funds it oversees and thus indirectly by the shareholders in those funds. Most other mutual funds are operated by management companies that are owned by third parties—either public or private stockholders—and not by the funds they serve.

Investment Advisors

The Portfolio uses a multimanager approach. Each advisor independently manages its assigned portion of the Portfolio's assets, subject to the supervision and oversight of Vanguard and the Board. The Board designates the proportion of Portfolio assets to be managed by each advisor and may change these proportions at any time.

- Wellington Management Company LLP, 280 Congress Street, Boston, MA 02210, is a Delaware limited liability partnership and an investment counseling firm that provides investment services to investment companies, employee benefit plans, endowments, foundations, and other institutions. Wellington Management and its predecessor organizations have provided investment advisory services for over 80 years. Wellington Management is owned by the partners of Wellington Management Group LLP, a Massachusetts limited liability partnership. As of December 31, 2020, Wellington Management and its

investment advisory affiliates had investment management authority with respect to approximately \$1.3 trillion in assets. The firm manages the Portfolio subject to the supervision and oversight of Vanguard and the Board.

- The Vanguard Group, Inc., P.O. Box 2600, Valley Forge, PA 19482, which began operations in 1975, provides investment advisory services to the Portfolio through its Quantitative Equity Group. As of December 31, 2020, Vanguard served as advisor for approximately \$5.8 trillion in assets.

The Portfolio pays Wellington Management a base fee plus or minus a performance adjustment. The base fee, which is paid quarterly, is a percentage of average daily net assets managed by the advisor during the most recent fiscal quarter. The performance adjustment, also paid quarterly, is based on the cumulative total return of the advisor's portion of the Portfolio relative to that of the FTSE High Dividend Yield Index over the preceding 36-month period. When the performance adjustment is positive, the Portfolio's expenses increase; when it is negative, expenses decrease.

Vanguard provides investment advisory services to the Portfolio pursuant to the Funds' Service Agreement and subject to the supervision and oversight of the trustees and officers of Vanguard Variable Insurance Funds.

For the fiscal year ended December 31, 2020, the aggregate advisory fees and expenses represented an effective annual rate of 0.09% of the Portfolio's average net assets before a performance-based increase of 0.01%.

Under the terms of an SEC exemption, the board of trustees of Vanguard Variable Insurance Funds may, without prior approval from shareholders, change the terms of an advisory agreement with a third-party investment advisor or hire a new third-party investment advisor—either as a replacement for an existing advisor or as an additional advisor. Any significant change in the Portfolio's advisory arrangements will be communicated to shareholders in writing. As the Portfolio's sponsor and overall manager, Vanguard may provide investment advisory services to the Portfolio at any time. Vanguard may also recommend to the board of trustees that an advisor be hired, terminated, or replaced or that the terms of an existing advisory agreement be revised. Vanguard Variable Insurance Funds has filed an application seeking a similar SEC exemption with respect to investment advisors that are wholly owned subsidiaries of Vanguard. If the exemption is granted, the Portfolio may rely on the new SEC relief.

For a discussion of why the Board approved the Portfolio's investment advisory arrangements, see the most recent semiannual report to shareholders covering the fiscal period ended June 30.

The managers primarily responsible for the day-to-day management of the Portfolio are:

W. Michael Reckmeyer, III, CFA, Senior Managing Director and Equity Portfolio Manager of Wellington Management. He has worked in investment management since 1984, has been with Wellington Management since 1994, and has managed a portion of the Portfolio since 2007. Education: B.S. and M.B.A., University of Wisconsin.

Binbin Guo, Ph.D., Principal of Vanguard and head of the Alpha Equity U.S. Investment team within Vanguard's Quantitative Equity Group. He oversees the active quantitative equity funds and separately managed equity accounts. He has been with Vanguard since 2007 and has co-managed a portion of the Portfolio since 2016. Education: B.S. and M.S., Tsinghua University, China; Ph.D. and M.Phil., Yale University.

Sharon Hill, Ph.D., Senior Portfolio Manager and head of the Alpha Equity Global and Income Investment team within Vanguard's Quantitative Equity Group. She has been with Vanguard since August 2019, has worked in investment management since 2000, has managed investment portfolios since 2009, and has co-managed a portion of the Portfolio since February 2021. Education: B.S., City University of New York at Brooklyn College; M.S. and Ph.D., University of Connecticut.

James P. Stetler, Senior Portfolio Manager at Vanguard. He has been with Vanguard since 1982; has worked in investment management since 1996; and has managed investment portfolios, including a portion of the Portfolio, since 2003 (co-managed since 2012). Education: B.S., Susquehanna University; M.B.A., Saint Joseph's University.

The Portfolio's *Statement of Additional Information* provides information about each portfolio manager's compensation, other accounts under management, and ownership of shares of the Portfolio.

Taxes

The Portfolio normally distributes its net investment income and net realized short-term or long-term capital gains, if any, to its shareholders, which are the insurance company separate accounts that fund your variable annuity or variable life insurance contract. From time to time, the Portfolio may also make distributions that are treated as a return of capital. The tax consequences to you

of your investment in the Portfolio depend on the provisions of the annuity or life insurance contract through which you invest; please refer to the prospectus of such contract for more information.

The Portfolio intends to operate in such a manner that a separate account investing only in Portfolio shares will result in the variable annuity and variable life insurance contracts supported by that account receiving favorable tax treatment. This favorable treatment means that you generally will not be taxed on Portfolio distributions or proceeds on dispositions of Portfolio shares received by the separate account funding your contract. In order to qualify for this favorable treatment, the insurance company separate accounts that invest in the Portfolio must satisfy certain requirements. If a Portfolio funding your contract does not meet such requirements, your contract could lose its favorable tax treatment and income and gain allocable to your contract could be taxable to you. Also, if the IRS were to determine that contract holders have an impermissible level of control over the investments funding their contracts, your contract could lose its favorable tax treatment and income and gain allocable to your contract could be taxable currently to you. Please see the Portfolio's *Statement of Additional Information* for more information.

Share Price

Share price, also known as *net asset value* (NAV), is calculated as of the close of regular trading on the New York Stock Exchange (NYSE), generally 4 p.m., Eastern time, on each day that the NYSE is open for business (a business day). In the rare event the NYSE experiences unanticipated disruptions and is unavailable at the close of the trading day, NAVs will be calculated as of the close of regular trading on the Nasdaq (or another alternate exchange if the Nasdaq is unavailable, as determined at Vanguard's discretion), generally 4 p.m., Eastern time. The NAV per share is computed by dividing the total assets, minus liabilities, of the Portfolio by the number of Portfolio shares outstanding. On U.S. holidays or other days when the NYSE is closed, the NAV is not calculated, and the Portfolio does not sell or redeem shares. However, on those days the value of the Portfolio's assets may be affected to the extent that the Portfolio holds securities that change in value on those days (such as foreign securities that trade on foreign markets that are open).

Stocks held by a Vanguard portfolio are valued at their *market value* when reliable market quotations are readily available from the principal exchange or market on which they are traded. Such securities are generally valued at their official closing price, the last reported sales price, or if there were no sales that day, the mean

between the closing bid and asking prices. When a portfolio determines that pricing-service information or market quotations either are not readily available or do not accurately reflect the value of a security, the security is priced at its *fair value* (the amount that the owner might reasonably expect to receive upon the current sale of the security).

The values of any foreign securities held by a portfolio are converted into U.S. dollars using an exchange rate obtained from an independent third party as of the close of regular trading on the NYSE. The values of any mutual fund shares, including institutional money market fund shares, held by a portfolio are based on the NAVs of the shares. The values of any ETF shares or closed-end fund shares held by a portfolio are based on the market value of the shares.

A portfolio also will use fair-value pricing if the value of a security it holds has been materially affected by events occurring before the portfolio's pricing time but after the close of the principal exchange or market on which the security is traded. This most commonly occurs with foreign securities, which may trade on foreign exchanges that close many hours before the portfolio's pricing time. Intervening events might be company-specific (e.g., earnings report, merger announcement) or country-specific or regional/global (e.g., natural disaster, economic or political news, act of terrorism, interest rate change). Intervening events include price movements in U.S. markets that exceed a specified threshold or that are otherwise deemed to affect the value of foreign securities.

Fair-value pricing may be used for domestic securities—for example, if (1) trading in a security is halted and does not resume before the portfolio's pricing time or a security does not trade in the course of a day and (2) the portfolio holds enough of the security that its price could affect the portfolio's NAV.

Fair-value prices are determined by Vanguard according to procedures adopted by the board of trustees. When fair-value pricing is employed, the prices of securities used by a portfolio to calculate the NAV may differ from quoted or published prices for the same securities.

The Portfolio's NAV is used to determine the unit value for the annuity or life insurance program through which you invest. For more information on unit values, please refer to the accompanying prospectus of the insurance company that offers your annuity or life insurance program.

Financial Highlights

Financial highlights information is intended to help you understand a fund's performance for the past five years (or, if shorter, its period of operations). Certain information reflects financial results for a single fund share. Total return represents the rate that an investor would have earned or lost each period on an investment in a fund or share class (assuming reinvestment of all distributions). This information has been obtained from the financial statements audited by PricewaterhouseCoopers LLP, an independent registered public accounting firm, whose report, along with fund financial statements, is included in a fund's most recent annual report to shareholders. You may obtain a free copy of a fund's latest annual or semiannual report, which is available upon request.

Yields and total returns presented for the Portfolio are net of the Portfolio's operating expenses, but they do not take into account charges and expenses attributable to the annuity or life insurance program through which you invest. The expenses of the annuity or life insurance program reduce the returns and yields you ultimately receive, so you should bear those expenses in mind when evaluating the performance of the Portfolio and when comparing the yields and returns of the Portfolio with those of other mutual funds.

Equity Income Portfolio

| For a Share Outstanding Throughout Each Period | Year Ended December 31, | | | | |
|--|-------------------------|--------------------|--------------------|--------------------|----------------|
| | 2020 | 2019 | 2018 | 2017 | 2016 |
| Net Asset Value, Beginning of Period | \$24.17 | \$21.24 | \$24.64 | \$22.10 | \$21.22 |
| Investment Operations | | | | | |
| Net Investment Income | 0.595 ¹ | 0.619 ¹ | 0.620 ¹ | 0.582 ¹ | 0.568 |
| Net Realized and Unrealized Gain (Loss) on Investments | (0.305) | 4.319 | (1.977) | 3.275 | 2.361 |
| Total from Investment Operations | 0.290 | 4.938 | (1.357) | 3.857 | 2.929 |
| Distributions | | | | | |
| Dividends from Net Investment Income | (0.618) | (0.586) | (0.562) | (0.583) | (0.583) |
| Distributions from Realized Capital Gains | (0.772) | (1.422) | (1.481) | (0.734) | (1.466) |
| Total Distributions | (1.390) | (2.008) | (2.043) | (1.317) | (2.049) |
| Net Asset Value, End of Period | \$23.07 | \$24.17 | \$21.24 | \$24.64 | \$22.10 |
| Total Return | 3.25% | 24.43% | -5.96% | 18.25% | 15.07% |
| Ratios/Supplemental Data | | | | | |
| Net Assets, End of Period (Millions) | \$2,021 | \$1,834 | \$1,374 | \$1,372 | \$1,172 |
| Ratio of Total Expenses to Average Net Assets ² | 0.30% | 0.30% | 0.29% | 0.31% | 0.30% |
| Ratio of Net Investment Income to Average Net Assets | 2.86% | 2.76% | 2.69% | 2.56% | 2.89% |
| Portfolio Turnover Rate | 40% | 33% | 36% | 38% | 32% |

1 Calculated based on average shares outstanding.

2 Includes performance-based investment advisory fee increases (decreases) of 0.01%, 0.01%, (0.00%), (0.00%), and (0.01%).

General Information

This Portfolio of Vanguard Variable Insurance Funds offers its shares to insurance companies to fund both annuity and life insurance contracts. Because of differences in tax treatment or other considerations, the best interests of various contract owners participating in the Portfolio might at some time be in conflict. The Board will monitor for any material conflicts and determine what action, if any, should be taken.

If the Board determines that continued offering of shares would be detrimental to the best interests of the Portfolio's shareholders, the Portfolio may suspend the offering of shares for a period of time. If the Board determines that a specific purchase acceptance would be detrimental to the best interests of the Portfolio's shareholders (for example, because of the size of the purchase request or a history of frequent trading by the investor), the Portfolio may reject such a purchase request.

If you wish to redeem money from the Portfolio, please refer to the instructions provided in the accompanying prospectus for the annuity or life insurance program. Shares of the Portfolio may be redeemed on any business day that the NYSE is open for trading. The redemption price of shares will be at the next-determined NAV per share. Redemption proceeds generally will be wired to the administrator within one business day following receipt of the redemption request, but no later than seven business days. Contract owners will receive their redemption checks from the administrator.

Under normal circumstances, the Portfolio typically expects to meet redemptions with positive cash flows. When this is not an option, the Portfolio seeks to first meet redemptions from a cash or cash equivalent reserve. Alternatively, Vanguard may instruct the advisors to sell a cross section of the Portfolio's holdings to meet redemptions, while also factoring in transaction costs. Additionally, the Portfolio may work with the insurance companies through which contract owners participate in the Portfolio to implement redemptions in a manner that is least disruptive to the portfolio.

Under certain circumstances, including under stressed market conditions, there are additional tools that the Portfolio may use in order to meet redemptions, including advancing the settlement of market trades with counterparties to match investor redemption payments or delaying settlement of an investor's transaction to match trade settlement within regulatory requirements. The Portfolio may also suspend payment of redemption proceeds for up to seven days. Additionally, under these unusual circumstances, the Portfolio may borrow money (subject to certain regulatory conditions and if available under

board-approved procedures) through an interfund lending facility; through a bank line-of-credit, including a joint committed credit facility; or through an uncommitted line-of-credit from Vanguard in order to meet redemption requests.

The Portfolio may suspend the redemption right or postpone payment at times when the NYSE is closed or during any emergency circumstances, as determined by the SEC.

The exchange privilege (your ability to redeem shares from one Portfolio to purchase shares of another Portfolio) may be available to you through your contract. Although we make every effort to maintain the exchange privilege, Vanguard reserves the right to revise or terminate this privilege, limit the amount of an exchange, or reject any exchange, at any time, without notice.

If the Board determines that it would be detrimental to the best interests of the Portfolio's remaining shareholders to make payment in cash, the Portfolio may pay redemption proceeds, in whole or in part, by an in-kind distribution of readily marketable securities.

For certain categories of investors, the Portfolio has authorized one or more brokers to accept on its behalf purchase and redemption orders. The brokers are authorized to designate other intermediaries to accept purchase and redemption orders on the Portfolio's behalf. The Portfolio will be deemed to have received a purchase or redemption order when an authorized broker, or a broker's authorized designee, accepts the order in accordance with the Portfolio's instructions. In most cases, for these categories of investors, a contract owner's properly transmitted order will be priced at the Portfolio's next-determined NAV after the order is accepted by the authorized broker or the broker's designee. The contract owner should review the authorized broker's policies relating to trading in the Vanguard funds.

Please consult the Portfolio's *Statement of Additional Information* or our website for a description of the policies and procedures that govern disclosure of the Portfolio's portfolio holdings.

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Glossary of Investment Terms

Capital Gains Distributions. Payments to portfolio shareholders of gains realized on securities that a portfolio has sold at a profit, minus any realized losses.

Cash Equivalent Investments. Cash deposits, short-term bank deposits, and money market instruments that include U.S. Treasury bills and notes, bank certificates of deposit (CDs), repurchase agreements, commercial paper, and banker's acceptances.

Common Stock. A security representing ownership rights in a corporation.

Dividend Distributions. Payments to portfolio shareholders of income from interest or dividends generated by a portfolio's investments.

Dow Jones U.S. Total Stock Market Float Adjusted Index. An index that represents the entire U.S. stock market and tracks more than 5,000 stocks, excluding shares of securities not available for public trading.

Expense Ratio. A portfolio's total annual operating expenses expressed as a percentage of the portfolio's average net assets. The expense ratio includes management and administrative expenses, but it does not include the transaction costs of buying and selling portfolio securities.

FTSE High Dividend Yield Index. An index that tracks common stocks of U.S. companies that have paid above-average dividends for the previous 12 months, excluding REITs.

Inception Date. The date on which the assets of a portfolio are first invested in accordance with the portfolio's investment objective. For portfolios with a subscription period, the inception date is the day after that period ends. Investment performance is generally measured from the inception date.

Joint Committed Credit Facility. The Portfolio participates, along with other funds managed by Vanguard, in a committed credit facility provided by a syndicate of lenders pursuant to a credit agreement that may be renewed annually; each Vanguard fund is individually liable for its borrowings, if any, under the credit facility. The amount and terms of the committed credit facility are subject to approval by the Portfolio's board of trustees and renegotiation with the lender syndicate on an annual basis.

Median Market Capitalization. An indicator of the size of companies in which a portfolio invests; the midpoint of market capitalization (market price x shares outstanding) of a portfolio's stocks, weighted by the proportion of the portfolio's assets invested in each stock. Stocks representing half of the portfolio's assets have market capitalizations above the median, and the rest are below it.

Mutual Fund. An investment company that pools the money of many people and invests it in a variety of securities in an effort to achieve a specific objective over time.

New York Stock Exchange (NYSE). A stock exchange based in New York City that is open for regular trading on business days, Monday through Friday, from 9:30 a.m. to 4 p.m., Eastern time.

Quantitative Process. An assessment of specific measurable factors, such as cost of capital; value of assets; and projections of sales, costs, earnings, and profits. The use of a quantitative process provides a systematic approach to investment decisions and portfolios.

Return of Capital. A return of capital occurs when a portfolio's distributions exceed its earnings in a fiscal year. A return of capital is a return of all or part of your original investment or amounts paid in excess of your original investment in a portfolio. In general, a return of capital reduces your cost basis in a portfolio's shares and is not taxable to you until your cost basis has been reduced to zero.

Securities. Stocks, bonds, money market instruments, and other investments.

Total Return. A percentage change, over a specified time period, in a portfolio's net asset value, assuming the reinvestment of all distributions of dividends and capital gains.

Volatility. The fluctuations in value of a mutual fund or other security. The greater a portfolio's volatility, the wider the fluctuations in its returns.

Yield. Income (interest or dividends) earned by an investment, expressed as a percentage of the investment's price.

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For More Information

If you would like more information about Vanguard Variable Insurance Funds Equity Income Portfolio, the following documents are available free upon request:

Annual/Semiannual Reports to Shareholders

Additional information about the Portfolio's investments is available in the Portfolio's annual and semiannual reports to shareholders. In the annual report, you will find a discussion of the market conditions and investment strategies that significantly affected the Portfolio's performance during its last fiscal year.

Statement of Additional Information (SAI)

The SAI provides more detailed information about the Portfolio and is incorporated by reference into (and thus legally a part of) this prospectus.

To receive a free copy of the latest annual or semiannual reports or the SAI, or to request additional information about the Portfolio or other Vanguard funds, please visit vanguard.com or contact us as follows:

Telephone: 800-522-5555; Text telephone for people with hearing impairment: 800-749-7273

Information Provided by the Securities and Exchange Commission (SEC)

Reports and other information about the Portfolio are available in the EDGAR database on the SEC's website at www.sec.gov, or you can receive copies of this information, for a fee, by electronic request at the following email address: publicinfo@sec.gov.

Portfolio's Investment Company Act file number: 811-05962