

Fidelity® Variable Insurance Products
Asset Manager Portfolio
Asset Manager: Growth Portfolio
Government Money Market Portfolio
Investment Grade Bond Portfolio
Strategic Income Portfolio
Initial Class, Service Class, and Service Class 2
Funds of Variable Insurance Products Fund V
STATEMENT OF ADDITIONAL INFORMATION
April 30, 2019

This statement of additional information (SAI) is not a prospectus. Portions of each fund's annual report are incorporated herein. The annual reports are supplied with this SAI.

To obtain a free additional copy of a prospectus or SAI, dated April 30, 2019, or an annual report, please call Fidelity at 1-877-208-0098 or visit Fidelity's web site at institutional.fidelity.com.

For more information on any Fidelity® fund, including charges and expenses, call Fidelity at the number indicated above for a free prospectus. Read it carefully before investing or sending money.



VINSCSC2-PTB-0419
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INVESTMENT POLICIES AND LIMITATIONS

The following policies and limitations supplement those set forth in the prospectus. Unless otherwise noted, whenever an investment policy or limitation states a maximum percentage of a fund's assets that may be invested in any security or other asset, or sets forth a policy regarding quality standards, such standard or percentage limitation will be determined immediately after and as a result of the fund's acquisition of such security or other asset. Accordingly, any subsequent change in values, net assets, or other circumstances will not be considered when determining whether the investment complies with the fund's investment policies and limitations.

A fund's fundamental investment policies and limitations cannot be changed without approval by a "majority of the outstanding voting securities" (as defined in the Investment Company Act of 1940 (1940 Act)) of the fund. However, except for the fundamental investment limitations listed below, the investment policies and limitations described in this SAI are not fundamental and may be changed without shareholder approval.

The following are each fund's fundamental investment limitations set forth in their entirety.

Diversification

For each fund (other than VIP Government Money Market Portfolio):

The fund may not with respect to 75% of the fund's total assets, purchase the securities of any issuer (other than securities issued or guaranteed by the U.S. Government or any of its agencies or instrumentalities, or securities of other investment companies) if, as a result, (a) more than 5% of the fund's total assets would be invested in the securities of that issuer, or (b) the fund would hold more than 10% of the outstanding voting securities of that issuer.

For purposes of each fund's (other than VIP Government Money Market Portfolio's) diversification limitation discussed above, the extent to which the fund may invest in the securities of a single issuer or a certain number of issuers is limited by the diversification requirements imposed by Section 817(h) of the Internal Revenue Code, which are in addition to the diversification requirements described in the above limitation.

For VIP Government Money Market Portfolio:

The fund may not purchase the securities of any issuer, if, as a result, the fund would not comply with any applicable diversification requirements for a money market fund under the Investment Company Act of 1940 and the rules thereunder, as such may be amended from time to time.

For purposes of the fund's diversification limitation discussed above, the extent to which the fund may invest in the securities of a single issuer or a certain number of issuers is limited by the diversification requirements imposed by Section 817(h) of the Internal Revenue Code, which are in addition to the diversification requirements described in the above limitation.

Senior Securities

For each fund:

The fund may not issue senior securities, except in connection with the insurance program established by the fund pursuant to an exemptive order issued by the Securities and Exchange Commission or as otherwise permitted under the Investment Company Act of 1940.

Borrowing

For each fund (other than VIP Government Money Market Portfolio):

The fund may not borrow money, except that the fund may borrow money for temporary or emergency purposes (not for leveraging or investment) in an amount not exceeding 33 1/3% of its total assets (including the amount borrowed) less liabilities (other than borrowings). Any borrowings that come to exceed this amount will be reduced within three days (not including Sundays and holidays) to the extent necessary to comply with the 33 1/3% limitation.

For VIP Government Money Market Portfolio:

The fund may not borrow money, except that the fund may (i) borrow money for temporary or emergency purposes (not for leveraging or investment) and (ii) engage in reverse repurchase agreements for any purpose; provided that (i) and (ii) in combination do not exceed 33 1/3% of the fund's total assets (including the amount borrowed) less liabilities (other than borrowings). Any borrowings that come to exceed this amount will be reduced within three days (not including Sundays and holidays) to the extent necessary to comply with the 33 1/3% limitation.

Underwriting

For each fund:

The fund may not underwrite securities issued by others, except to the extent that the fund may be considered an underwriter within the meaning of the Securities Act of 1933 in the disposition of restricted securities or in connection with investments in other investment companies.

Concentration

For each fund (other than VIP Government Money Market Portfolio):

The fund may not purchase the securities of any issuer (other than securities issued or guaranteed by the U.S. Government or any of its agencies or instrumentalities) if, as a result, more than 25% of the fund's total assets would be invested in the securities of companies whose principal business activities are in the same industry.

For purposes of each of VIP Asset Manager Portfolio's, VIP Asset Manager: Growth Portfolio's, VIP Investment Grade Bond Portfolio's, and VIP Strategic Income Portfolio's concentration limitation discussed above, with respect to any investment in repurchase agreements collateralized by U.S. Government securities, Fidelity Management & Research Company (FMR) looks through to the U.S. Government securities.

For purposes of each of VIP Asset Manager Portfolio's, VIP Asset Manager: Growth Portfolio's, VIP Investment Grade Bond Portfolio's, and VIP Strategic Income Portfolio's concentration limitation discussed above, with respect to any investment in Fidelity[®] Money Market Central Fund and/or any non-money market central fund, FMR looks through to the holdings of the central fund.

For purposes of each of VIP Asset Manager Portfolio's, VIP Asset Manager: Growth Portfolio's, VIP Investment Grade Bond Portfolio's, and VIP Strategic Income Portfolio's concentration limitation discussed above, FMR may analyze the characteristics of a particular issuer and security and assign an industry or sector classification consistent with those characteristics in the event that the third-party classification provider used by FMR does not assign a classification.

For VIP Government Money Market Portfolio:

The fund may not purchase the securities of any issuer (other than securities issued or guaranteed by the U.S. Government or any of its agencies or instrumentalities) if, as a result, more than 25% of the fund's total assets would be invested in the securities of companies whose principal business activities are in the same industry.

For purposes of the fund's concentration limitation discussed above, with respect to any investment in repurchase agreements collateralized by U.S. Government securities, FMR looks through to the U.S. Government securities.

For purposes of the fund's concentration limitation discussed above, FMR may analyze the characteristics of a particular issuer and security and assign an industry or sector classification consistent with those characteristics in the event that the third-party classification provider used by FMR does not assign a classification.

Real Estate

For each fund:

The fund may not purchase or sell real estate unless acquired as a result of ownership of securities or other instruments (but this shall not prevent the fund from investing in securities or other instruments backed by real estate or securities of companies engaged in the real estate business).

Commodities

For each fund (other than VIP Government Money Market Portfolio):

The fund may not purchase or sell physical commodities unless acquired as a result of ownership of securities or other instruments (but this shall not prevent the fund from purchasing or selling options and futures contracts or from investing in securities or other instruments backed by physical commodities).

For VIP Government Money Market Portfolio:

The fund may not purchase or sell physical commodities unless acquired as a result of ownership of securities or other instruments.

Loans

For each fund:

The fund may not lend any security or make any other loan if, as a result, more than 33 1/3% of its total assets would be lent to other parties, but this limitation does not apply to purchases of debt securities or to repurchase agreements, or to acquisitions

of loans, loan participations or other forms of debt instruments.

Investing for Control or Management

For VIP Government Money Market Portfolio:

The fund may not invest in companies for the purpose of exercising control or management.

The following investment limitations are not fundamental and may be changed without shareholder approval.

Diversification

For VIP Government Money Market Portfolio:

The fund does not currently intend to purchase a security (other than securities issued or guaranteed by the U.S. Government or any of its agencies or instrumentalities, or securities of other money market funds) if, as a result, more than 5% of its total assets would be invested in securities of a single issuer; provided that the fund may invest up to 10% of its total assets in the first tier securities of a single issuer for up to three business days.

For purposes of the fund's diversification limitation discussed above, certain securities subject to guarantees (including insurance, letters of credit and demand features) are not considered securities of their issuer, but are subject to separate diversification requirements, in accordance with industry standard requirements for money market funds.

For purposes of the fund's diversification limitation discussed above, the extent to which the fund may invest in the securities of a single issuer or a certain number of issuers is limited by the diversification requirements imposed by Section 817(h) of the Internal Revenue Code, which are in addition to the diversification requirements described in the above limitation.

Short Sales

For each fund (other than VIP Government Money Market Portfolio):

The fund does not currently intend to sell securities short, unless it owns or has the right to obtain securities equivalent in kind and amount to the securities sold short, except for sales of to be announced (TBA) securities, and provided that transactions in futures contracts, options, and swaps are not deemed to constitute selling securities short.

For VIP Government Money Market Portfolio:

The fund does not currently intend to sell securities short, unless it owns or has the right to obtain securities equivalent in kind and amount to the securities sold short, and provided that transactions in futures contracts and options are not deemed to constitute selling securities short.

Margin Purchases

For each fund:

The fund does not currently intend to purchase securities on margin, except that the fund may obtain such short-term credits as are necessary for the clearance of transactions, and provided that margin payments in connection with futures contracts and options on futures contracts shall not constitute purchasing securities on margin.

Borrowing

For each fund (other than VIP Government Money Market Portfolio):

The fund may borrow money only (a) from a bank or from a registered investment company or portfolio for which FMR or an affiliate serves as investment adviser or (b) by engaging in reverse repurchase agreements with any party (reverse repurchase agreements are treated as borrowings for purposes of the fundamental borrowing investment limitation).

For VIP Government Money Market Portfolio:

The fund may borrow money only (a) from a bank or from a registered investment company or portfolio for which FMR or an affiliate serves as investment adviser or (b) by engaging in reverse repurchase agreements with any party.

Illiquid Securities

For each fund (other than VIP Government Money Market Portfolio and VIP Strategic Income Portfolio):

The fund does not currently intend to purchase any security if, as a result, more than 10% of its net assets would be invested in securities that are deemed to be illiquid because they are subject to legal or contractual restrictions on resale or because they cannot be sold or disposed of in the ordinary course of business at approximately the prices at which they are valued.

For purposes of each fund's illiquid securities limitation discussed above, if through a change in values, net assets, or other circumstances, the fund were in a position where more than 10% of its net assets were invested in illiquid securities, it would consider appropriate steps to protect liquidity.

For VIP Government Money Market Portfolio:

The fund does not currently intend to purchase any security if, as a result, more than 5% of its total assets would be invested in securities that are deemed to be illiquid because they are subject to legal or contractual restrictions on resale or because they cannot be sold or disposed of in the ordinary course of business within seven days at approximately the value ascribed to it by the fund.

For purposes of the fund's illiquid securities limitation discussed above, if through a change in values, net assets, or other circumstances, the fund were in a position where more than 5% of its total assets were invested in illiquid securities, it would consider appropriate steps to protect liquidity.

For VIP Strategic Income Portfolio:

The fund does not currently intend to purchase any security if, as a result, more than 15% of its net assets would be invested in securities that are deemed to be illiquid because they are subject to legal or contractual restrictions on resale or because they cannot be sold or disposed of in the ordinary course of business at approximately the prices at which they are valued.

For purposes of the fund's illiquid securities limitation discussed above, if through a change in values, net assets, or other circumstances, the fund were in a position where more than 15% of its net assets were invested in illiquid securities, it would consider appropriate steps to protect liquidity.

Commodities

For VIP Government Money Market Portfolio:

The fund does not currently intend to purchase or sell futures contracts or call options. This limitation does not apply to options attached to, or acquired or traded together with, their underlying securities, and does not apply to securities that incorporate features similar to options or futures contracts.

Loans

For each fund (other than VIP Government Money Market Portfolio):

The fund does not currently intend to lend assets other than securities to other parties, except by (a) making direct loans to companies in which the fund has a pre-existing investment (b) lending money (up to 15% of the fund's net assets) to a registered investment company or portfolio for which FMR or an affiliate serves as investment adviser or (c) assuming any unfunded commitments in connection with the acquisition of loans, loan participations, or other forms of debt instruments. (This limitation does not apply to purchases of debt securities, to repurchase agreements, or to acquisitions of loans, loan participations or other forms of debt instruments.)

For VIP Government Money Market Portfolio:

The fund does not currently intend to lend assets other than securities to other parties, except by (a) lending money (up to 15% of the fund's net assets) to a registered investment company or portfolio for which FMR or an affiliate serves as investment adviser or (b) assuming any unfunded commitments in connection with the acquisition of loans, loan participations, or other forms of debt instruments. (This limitation does not apply to purchases of debt securities, to repurchase agreements, or to acquisitions of loans, loan participations or other forms of debt instruments.)

Oil, Gas, and Mineral Exploration Programs

For each fund:

The fund does not currently intend to invest in oil, gas, or other mineral exploration or development programs or leases.

Foreign Securities

For VIP Asset Manager Portfolio, VIP Investment Grade Bond Portfolio, and VIP Strategic Income Portfolio:

FMR limits the amount of the fund's assets that may be invested in foreign securities to 50%.

In addition to each fund's fundamental and non-fundamental investment limitations discussed above:

In order to qualify as a "regulated investment company" under Subchapter M of the Internal Revenue Code of 1986, as amended, each fund currently intends to comply with certain diversification limits imposed by Subchapter M.

Pursuant to certain state insurance regulations, any repurchase agreements or foreign repurchase agreements a fund enters into will be secured by collateral consisting of liquid assets having a market value of not less than 102% of the cash or assets transferred to the other party.

The following pages contain more detailed information about types of instruments in which a fund may invest, techniques a fund's adviser (or a sub-adviser) may employ in pursuit of the fund's investment objective, and a summary of related risks. A

fund's adviser (or a sub-adviser) may not buy all of these instruments or use all of these techniques unless it believes that doing so will help the fund achieve its goal. However, a fund's adviser (or a sub-adviser) is not required to buy any particular instrument or use any particular technique even if to do so might benefit the fund.

On the following pages in this section titled "Investment Policies and Limitations," and except as otherwise indicated, references to "an adviser" or "the adviser" may relate to a fund's adviser or a sub-adviser, as applicable.

Affiliated Bank Transactions. A Fidelity® fund may engage in transactions with financial institutions that are, or may be considered to be, "affiliated persons" of the fund under the 1940 Act. These transactions may involve repurchase agreements with custodian banks; short-term obligations of, and repurchase agreements with, the 50 largest U.S. banks (measured by deposits); municipal securities; U.S. Government securities with affiliated financial institutions that are primary dealers in these securities; short-term currency transactions; and short-term borrowings. In accordance with exemptive orders issued by the Securities and Exchange Commission (SEC), the Board of Trustees has established and periodically reviews procedures applicable to transactions involving affiliated financial institutions.

Asset Allocation (VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio only). Each of VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio invests in stocks mainly by investing in a domestic stock subportfolio and central funds. The stock class includes domestic and foreign equity securities of all types (other than adjustable rate preferred stocks, which are included in the bond class). Securities in the stock class may include common stocks, fixed-rate preferred stocks (including convertible preferred stocks), warrants, rights, depositary receipts, securities of closed-end investment companies, and other equity securities issued by companies of any size, located throughout the world.

Each of VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio invests in bonds mainly by investing in central funds that focus on particular types of fixed-income securities. The bond class includes all varieties of domestic and foreign fixed-income securities maturing in more than one year. Securities in this asset class may include bonds, notes, adjustable-rate preferred stocks, convertible bonds, mortgage-related and asset-backed securities, domestic and foreign government and government agency securities, zero coupon bonds, and other intermediate and long-term securities. These securities may be denominated in U.S. dollars or foreign currency.

The short-term/money market class includes central funds that invest in all types of domestic and foreign short-term and money market instruments. Short-term and money market instruments may include commercial paper, notes, and other corporate debt securities, government securities issued by U.S. or foreign governments or their agencies or instrumentalities, bank deposits and other financial institution obligations, repurchase agreements involving any type of security, and other similar short-term instruments. These instruments may be denominated in U.S. dollars or foreign currency.

Although the underlying central funds are categorized generally as stock, bond, and short-term/money market funds, many of the underlying central funds may invest in a mix of securities of foreign (including emerging markets) and domestic issuers, investment-grade and lower-quality debt securities, and other securities. In making asset allocation decisions, FMR will evaluate projections of risk, market conditions, economic conditions, volatility, yields, and returns. FMR's management will use database systems to help analyze past situations and trends, research specialists in each of the asset classes to help in securities selection, portfolio management professionals to determine asset allocation and to select individual securities, and its own credit analysis as well as credit analyses provided by rating services.

Asset-Backed Securities represent interests in pools of mortgages, loans, receivables, or other assets. Payment of interest and repayment of principal may be largely dependent upon the cash flows generated by the assets backing the securities and, in certain cases, supported by letters of credit, surety bonds, or other credit enhancements. Asset-backed security values may also be affected by other factors including changes in interest rates, the availability of information concerning the pool and its structure, the creditworthiness of the servicing agent for the pool, the originator of the loans or receivables, or the entities providing the credit enhancement. In addition, these securities may be subject to prepayment risk.

Collateralized Loan Obligations (CLO) are a type of asset-backed security. A CLO is a trust typically collateralized by a pool of loans, which may include, among others, domestic and foreign senior secured loans, senior unsecured loans, and subordinate corporate loans, including loans that may be rated below investment grade or equivalent unrated loans. CLOs may charge management fees and administrative expenses. For CLOs, the cash flows from the trust are split into two or more portions, called tranches, varying in risk and yield. The riskiest portion is the "equity" tranche which bears the bulk of defaults from the bonds or loans in the trust and serves to protect the other, more senior tranches from default in all but the most severe circumstances. Since they are partially protected from defaults, senior tranches from a CLO trust typically have higher ratings and lower yields than their underlying securities and can be rated investment grade. Despite the protection from the equity tranche, CLO tranches can experience substantial losses due to actual defaults, increased sensitivity to defaults due to collateral default and disappearance of protecting tranches, market anticipation of defaults, as well as aversion to CLO securities as a class. Normally, CLOs are privately offered and sold, and thus, are not registered under the securities laws. As a result, investments in CLOs may be characterized by a fund as illiquid securities, however an active dealer market may exist allowing them to qualify for Rule 144A transactions.

Borrowing. If a fund borrows money, its share price may be subject to greater fluctuation until the borrowing is paid off. If a

fund makes additional investments while borrowings are outstanding, this may be considered a form of leverage.

Cash Management. A fund may hold uninvested cash or may invest it in cash equivalents such as money market securities, repurchase agreements, or shares of short-term bond or money market funds, including (for Fidelity® funds and other advisory clients only) shares of Fidelity® central funds. Generally, these securities offer less potential for gains than other types of securities.

Central Funds are special types of investment vehicles created by Fidelity for use by the Fidelity® funds and other advisory clients. Central funds are used to invest in particular security types or investment disciplines, or for cash management. Central funds incur certain costs related to their investment activity (such as custodial fees and expenses), but do not pay additional management fees. The investment results of the portions of a Fidelity® fund's assets invested in the central funds will be based upon the investment results of those funds.

Commodity Futures Trading Commission (CFTC) Notice of Exclusion. The trust, on behalf of the Fidelity® funds to which this SAI relates, has filed with the National Futures Association a notice claiming an exclusion from the definition of the term "commodity pool operator" (CPO) under the Commodity Exchange Act, as amended, and the rules of the CFTC promulgated thereunder, with respect to each fund's operation. Accordingly, neither a fund nor its adviser is subject to registration or regulation as a commodity pool or a CPO. However, the CFTC has adopted certain rule amendments that significantly affect the continued availability of this exclusion, and may subject advisers to funds to regulation by the CFTC. As of the date of this SAI, the adviser does not expect to register as a CPO of the funds. However, there is no certainty that a fund or its adviser will be able to rely on an exclusion in the future as the fund's investments change over time. A fund may determine not to use investment strategies that trigger additional CFTC regulation or may determine to operate subject to CFTC regulation, if applicable. If a fund or its adviser operates subject to CFTC regulation, it may incur additional expenses.

Common Stock represents an equity or ownership interest in an issuer. In the event an issuer is liquidated or declares bankruptcy, the claims of owners of bonds and preferred stock take precedence over the claims of those who own common stock, although related proceedings can take time to resolve and results can be unpredictable. For purposes of a Fidelity® fund's policies related to investment in common stock Fidelity considers depositary receipts evidencing ownership of common stock to be common stock.

Convertible Securities are bonds, debentures, notes, or other securities that may be converted or exchanged (by the holder or by the issuer) into shares of the underlying common stock (or cash or securities of equivalent value) at a stated exchange ratio. A convertible security may also be called for redemption or conversion by the issuer after a particular date and under certain circumstances (including a specified price) established upon issue. If a convertible security held by a fund is called for redemption or conversion, the fund could be required to tender it for redemption, convert it into the underlying common stock, or sell it to a third party.

Convertible securities generally have less potential for gain or loss than common stocks. Convertible securities generally provide yields higher than the underlying common stocks, but generally lower than comparable non-convertible securities. Because of this higher yield, convertible securities generally sell at prices above their "conversion value," which is the current market value of the stock to be received upon conversion. The difference between this conversion value and the price of convertible securities will vary over time depending on changes in the value of the underlying common stocks and interest rates. When the underlying common stocks decline in value, convertible securities will tend not to decline to the same extent because of the interest or dividend payments and the repayment of principal at maturity for certain types of convertible securities. However, securities that are convertible other than at the option of the holder generally do not limit the potential for loss to the same extent as securities convertible at the option of the holder. When the underlying common stocks rise in value, the value of convertible securities may also be expected to increase. At the same time, however, the difference between the market value of convertible securities and their conversion value will narrow, which means that the value of convertible securities will generally not increase to the same extent as the value of the underlying common stocks. Because convertible securities may also be interest-rate sensitive, their value may increase as interest rates fall and decrease as interest rates rise. Convertible securities are also subject to credit risk, and are often lower-quality securities.

Country or Geographic Region. Various factors may be considered in determining whether an investment is tied economically to a particular country or region, including: whether the investment is issued or guaranteed by a particular government or any of its agencies, political subdivisions, or instrumentalities; whether the investment has its primary trading market in a particular country or region; whether the issuer is organized under the laws of, derives at least 50% of its revenues from, or has at least 50% of its assets in a particular country or region; whether the investment is included in an index representative of a particular country or region; and whether the investment is exposed to the economic fortunes and risks of a particular country or region.

Dollar-Weighted Average Maturity is derived by multiplying the value of each security by the time remaining to its maturity, adding these calculations, and then dividing the total by the value of a fund's portfolio. An obligation's maturity is typically determined on a stated final maturity basis, although there are some exceptions to this rule.

Under certain circumstances, a fund may invest in nominally long-term securities that have maturity shortening features of shorter-term securities, and the maturities of these securities may be deemed to be earlier than their ultimate maturity dates by

virtue of an existing demand feature or an adjustable interest rate. Under other circumstances, if it is probable that the issuer of an instrument will take advantage of a maturity-shortening device, such as a call, refunding, or redemption provision, the date on which the instrument will probably be called, refunded, or redeemed may be considered to be its maturity date. The maturities of mortgage securities, including collateralized mortgage obligations, and some asset-backed securities are determined on a weighted average life basis, which is the average time for principal to be repaid. For a mortgage security, this average time is calculated by estimating the timing of principal payments, including unscheduled prepayments, during the life of the mortgage. The weighted average life of these securities is likely to be substantially shorter than their stated final maturity.

Duration is a measure of a bond's price sensitivity to a change in its yield. For example, if a bond has a 5-year duration and its yield rises 1%, the bond's value is likely to fall about 5%. Similarly, if a bond fund has a 5-year average duration and the yield on each of the bonds held by the fund rises 1%, the fund's value is likely to fall about 5%. For funds with exposure to foreign markets, there are many reasons why all of the bond holdings do not experience the same yield changes. These reasons include: the bonds are spread off of different yield curves around the world and these yield curves do not move in tandem; the shapes of these yield curves change; and sector and issuer yield spreads change. Other factors can influence a bond fund's performance and share price. Accordingly, a bond fund's actual performance will likely differ from the example.

Exchange Traded Funds (ETFs) are shares of other investment companies, commodity pools, or other entities that are traded on an exchange. Typically, assets underlying the ETF shares are stocks, though they may also be commodities or other instruments. An ETF may seek to replicate the performance of a specific index or may be actively managed.

Typically, shares of an ETF that tracks an index are expected to increase in value as the value of the underlying benchmark increases. However, in the case of inverse ETFs (also called "short ETFs" or "bear ETFs"), ETF shares are expected to increase in value as the value of the underlying benchmark decreases. Inverse ETFs seek to deliver the opposite of the performance of the benchmark they track and are often marketed as a way for investors to profit from, or at least hedge their exposure to, downward moving markets. Investments in inverse ETFs are similar to holding short positions in the underlying benchmark.

ETF shares are redeemable only in large blocks of shares often called "creation units" by persons other than a fund, and are redeemed principally in-kind at each day's next calculated net asset value per share (NAV). ETFs typically incur fees that are separate from those fees incurred directly by a fund. A fund's purchase of ETFs results in the layering of expenses, such that the fund would indirectly bear a proportionate share of any ETF's operating expenses. Further, while traditional investment companies are continuously offered at NAV, ETFs are traded in the secondary market (e.g., on a stock exchange) on an intra-day basis at prices that may be above or below the value of their underlying portfolios.

Some of the risks of investing in an ETF that tracks an index are similar to those of investing in an indexed mutual fund, including tracking error risk (the risk of errors in matching the ETF's underlying assets to the index or other benchmark); and the risk that because an ETF that tracks an index is not actively managed, it cannot sell stocks or other assets as long as they are represented in the index or other benchmark. Other ETF risks include the risk that ETFs may trade in the secondary market at a discount from their NAV and the risk that the ETFs may not be liquid. ETFs also may be leveraged. Leveraged ETFs seek to deliver multiples of the performance of the index or other benchmark they track and use derivatives in an effort to amplify the returns (or decline, in the case of inverse ETFs) of the underlying index or benchmark. While leveraged ETFs may offer the potential for greater return, the potential for loss and the speed at which losses can be realized also are greater. Most leveraged and inverse ETFs "reset" daily, meaning they are designed to achieve their stated objectives on a daily basis. Leveraged and inverse ETFs can deviate substantially from the performance of their underlying benchmark over longer periods of time, particularly in volatile periods.

Exchange Traded Notes (ETNs) are a type of senior, unsecured, unsubordinated debt security issued by financial institutions that combines aspects of both bonds and ETFs. An ETN's returns are based on the performance of a market index or other reference asset minus fees and expenses. Similar to ETFs, ETNs are listed on an exchange and traded in the secondary market. However, unlike an ETF, an ETN can be held until the ETN's maturity, at which time the issuer will pay a return linked to the performance of the market index or other reference asset to which the ETN is linked minus certain fees. Unlike regular bonds, ETNs typically do not make periodic interest payments and principal typically is not protected.

ETNs also incur certain expenses not incurred by their applicable index. The market value of an ETN is determined by supply and demand, the current performance of the index or other reference asset, and the credit rating of the ETN issuer. The market value of ETN shares may differ from their intraday indicative value. The value of an ETN may also change due to a change in the issuer's credit rating. As a result, there may be times when an ETN's share trades at a premium or discount to its NAV. Some ETNs that use leverage in an effort to amplify the returns of an underlying index or other reference asset can, at times, be relatively illiquid and, thus, they may be difficult to purchase or sell at a fair price. Leveraged ETNs may offer the potential for greater return, but the potential for loss and speed at which losses can be realized also are greater.

Exposure to Foreign and Emerging Markets. Foreign securities, foreign currencies, and securities issued by U.S. entities with substantial foreign operations may involve significant risks in addition to the risks inherent in U.S. investments.

Foreign investments involve risks relating to local political, economic, regulatory, or social instability, military action or

unrest, or adverse diplomatic developments, and may be affected by actions of foreign governments adverse to the interests of U.S. investors. Such actions may include expropriation or nationalization of assets, confiscatory taxation, restrictions on U.S. investment or on the ability to repatriate assets or convert currency into U.S. dollars, or other government intervention. From time to time, a fund's adviser and/or its affiliates may determine that, as a result of regulatory requirements that may apply to the adviser and/or its affiliates due to investments in a particular country, investments in the securities of issuers domiciled or listed on trading markets in that country above certain thresholds (which may apply at the account level or in the aggregate across all accounts managed by the adviser and its affiliates) may be impractical or undesirable. In such instances, the adviser may limit or exclude investment in a particular issuer, and investment flexibility may be restricted. Additionally, governmental issuers of foreign debt securities may be unwilling to pay interest and repay principal when due and may require that the conditions for payment be renegotiated. There is no assurance that a fund's adviser will be able to anticipate these potential events or counter their effects. In addition, the value of securities denominated in foreign currencies and of dividends and interest paid with respect to such securities will fluctuate based on the relative strength of the U.S. dollar.

It is anticipated that in most cases the best available market for foreign securities will be on an exchange or in over-the-counter (OTC) markets located outside of the United States. Foreign stock markets, while growing in volume and sophistication, are generally not as developed as those in the United States, and securities of some foreign issuers may be less liquid and more volatile than securities of comparable U.S. issuers. Foreign security trading, settlement and custodial practices (including those involving securities settlement where fund assets may be released prior to receipt of payment) are often less developed than those in U.S. markets, and may result in increased investment or valuation risk or substantial delays in the event of a failed trade or the insolvency of, or breach of duty by, a foreign broker-dealer, securities depository, or foreign subcustodian. In addition, the costs associated with foreign investments, including withholding taxes, brokerage commissions, and custodial costs, are generally higher than with U.S. investments.

Foreign markets may offer less protection to investors than U.S. markets. Foreign issuers are generally not bound by uniform accounting, auditing, and financial reporting requirements and standards of practice comparable to those applicable to U.S. issuers. Adequate public information on foreign issuers may not be available, and it may be difficult to secure dividends and information regarding corporate actions on a timely basis. In general, there is less overall governmental supervision and regulation of securities exchanges, brokers, and listed companies than in the United States. OTC markets tend to be less regulated than stock exchange markets and, in certain countries, may be totally unregulated. Regulatory enforcement may be influenced by economic or political concerns, and investors may have difficulty enforcing their legal rights in foreign countries.

Some foreign securities impose restrictions on transfer within the United States or to U.S. persons. Although securities subject to such transfer restrictions may be marketable abroad, they may be less liquid than foreign securities of the same class that are not subject to such restrictions.

American Depositary Receipts (ADRs) as well as other "hybrid" forms of ADRs, including European Depositary Receipts (EDRs) and Global Depositary Receipts (GDRs), are certificates evidencing ownership of shares of a foreign issuer. These certificates are issued by depository banks and generally trade on an established market in the United States or elsewhere. The underlying shares are held in trust by a custodian bank or similar financial institution in the issuer's home country. The depository bank may not have physical custody of the underlying securities at all times and may charge fees for various services, including forwarding dividends and interest and corporate actions. ADRs are alternatives to directly purchasing the underlying foreign securities in their national markets and currencies. However, ADRs continue to be subject to many of the risks associated with investing directly in foreign securities. These risks include foreign exchange risk as well as the political and economic risks of the underlying issuer's country.

The risks of foreign investing may be magnified for investments in emerging markets. Security prices in emerging markets can be significantly more volatile than those in more developed markets, reflecting the greater uncertainties of investing in less established markets and economies. In particular, countries with emerging markets may have relatively unstable governments, may present the risks of nationalization of businesses, restrictions on foreign ownership and prohibitions on the repatriation of assets, and may have less protection of property rights than more developed countries. The economies of countries with emerging markets may be based on only a few industries, may be highly vulnerable to changes in local or global trade conditions, and may suffer from extreme and volatile debt burdens or inflation rates. Local securities markets may trade a small number of securities and may be unable to respond effectively to increases in trading volume, potentially making prompt liquidation of holdings difficult or impossible at times.

Floating Rate Loans and Other Debt Securities. Floating rate loans consist generally of obligations of companies or other entities (collectively, "borrowers") incurred for the purpose of reorganizing the assets and liabilities of a borrower (recapitalization); acquiring another company (acquisition); taking over control of a company (leveraged buyout); temporary financing (bridge loan); or refinancings, internal growth, or other general business purposes. Floating rate loans are often obligations of borrowers who are highly leveraged.

Floating rate loans may be structured to include both term loans, which are generally fully funded at the time of the making of the loan, and revolving credit facilities, which would require additional investments upon the borrower's demand. A revolving

credit facility may require a purchaser to increase its investment in a floating rate loan at a time when it would not otherwise have done so, even if the borrower's condition makes it unlikely that the amount will ever be repaid.

Floating rate loans may be acquired by direct investment as a lender, as a participation interest (which represents a fractional interest in a floating rate loan) issued by a lender or other financial institution, or as an assignment of the portion of a floating rate loan previously attributable to a different lender.

A floating rate loan offered as part of the original lending syndicate typically is purchased at par value. As part of the original lending syndicate, a purchaser generally earns a yield equal to the stated interest rate. In addition, members of the original syndicate typically are paid a commitment fee. In secondary market trading, floating rate loans may be purchased or sold above, at, or below par, which can result in a yield that is below, equal to, or above the stated interest rate, respectively. At certain times when reduced opportunities exist for investing in new syndicated floating rate loans, floating rate loans may be available only through the secondary market. There can be no assurance that an adequate supply of floating rate loans will be available for purchase.

Historically, floating rate loans have not been registered with the SEC or any state securities commission or listed on any securities exchange. As a result, the amount of public information available about a specific floating rate loan historically has been less extensive than if the floating rate loan were registered or exchange-traded.

Purchasers of floating rate loans and other forms of debt securities depend primarily upon the creditworthiness of the borrower for payment of interest and repayment of principal. If scheduled interest or principal payments are not made, the value of the security may be adversely affected. Floating rate loans and other debt securities that are fully secured provide more protections than unsecured securities in the event of failure to make scheduled interest or principal payments. Indebtedness of borrowers whose creditworthiness is poor involves substantially greater risks and may be highly speculative. Borrowers that are in bankruptcy or restructuring may never pay off their indebtedness, or may pay only a small fraction of the amount owed. Some floating rate loans and other debt securities are not rated by any nationally recognized statistical rating organization. In connection with the restructuring of a floating rate loan or other debt security outside of bankruptcy court in a negotiated work-out or in the context of bankruptcy proceedings, equity securities or junior debt securities may be received in exchange for all or a portion of an interest in the security.

Floating rate debt securities include other forms of indebtedness of borrowers such as notes and bonds, securities with fixed rate interest payments in conjunction with a right to receive floating rate interest payments, and shares of other investment companies. These instruments are generally subject to the same risks as floating rate loans but are often more widely issued and traded.

Foreign Currency Transactions. A fund (other than a money market fund) may conduct foreign currency transactions on a spot (*i.e.*, cash) or forward basis (*i.e.*, by entering into forward contracts to purchase or sell foreign currencies). Although foreign exchange dealers generally do not charge a fee for such conversions, they do realize a profit based on the difference between the prices at which they are buying and selling various currencies. Thus, a dealer may offer to sell a foreign currency at one rate, while offering a lesser rate of exchange should the counterparty desire to resell that currency to the dealer. Forward contracts are customized transactions that require a specific amount of a currency to be delivered at a specific exchange rate on a specific date or range of dates in the future. Forward contracts are generally traded in an interbank market directly between currency traders (usually large commercial banks) and their customers. The parties to a forward contract may agree to offset or terminate the contract before its maturity, or may hold the contract to maturity and complete the contemplated currency exchange.

The following discussion summarizes the principal currency management strategies involving forward contracts that could be used by a fund. A fund may also use swap agreements, indexed securities, and options and futures contracts relating to foreign currencies for the same purposes. Forward contracts not calling for physical delivery of the underlying instrument will be settled through cash payments rather than through delivery of the underlying currency. All of these instruments and transactions are subject to the risk that the counterparty will default.

A "settlement hedge" or "transaction hedge" is designed to protect a fund against an adverse change in foreign currency values between the date a security denominated in a foreign currency is purchased or sold and the date on which payment is made or received. Entering into a forward contract for the purchase or sale of the amount of foreign currency involved in an underlying security transaction for a fixed amount of U.S. dollars "locks in" the U.S. dollar price of the security. Forward contracts to purchase or sell a foreign currency may also be used to protect a fund in anticipation of future purchases or sales of securities denominated in foreign currency, even if the specific investments have not yet been selected.

A fund may also use forward contracts to hedge against a decline in the value of existing investments denominated in a foreign currency. For example, if a fund owned securities denominated in pounds sterling, it could enter into a forward contract to sell pounds sterling in return for U.S. dollars to hedge against possible declines in the pound's value. Such a hedge, sometimes referred to as a "position hedge," would tend to offset both positive and negative currency fluctuations, but would not offset changes in security values caused by other factors. A fund could also attempt to hedge the position by selling another currency expected to perform similarly to the pound sterling. This type of hedge, sometimes referred to as a "proxy hedge," could offer

advantages in terms of cost, yield, or efficiency, but generally would not hedge currency exposure as effectively as a direct hedge into U.S. dollars. Proxy hedges may result in losses if the currency used to hedge does not perform similarly to the currency in which the hedged securities are denominated.

A fund may enter into forward contracts to shift its investment exposure from one currency into another. This may include shifting exposure from U.S. dollars to a foreign currency, or from one foreign currency to another foreign currency. This type of strategy, sometimes known as a “cross-hedge,” will tend to reduce or eliminate exposure to the currency that is sold, and increase exposure to the currency that is purchased, much as if a fund had sold a security denominated in one currency and purchased an equivalent security denominated in another. A fund may cross-hedge its U.S. dollar exposure in order to achieve a representative weighted mix of the major currencies in its benchmark index and/or to cover an underweight country or region exposure in its portfolio. Cross-hedges protect against losses resulting from a decline in the hedged currency, but will cause a fund to assume the risk of fluctuations in the value of the currency it purchases.

Successful use of currency management strategies will depend on an adviser’s skill in analyzing currency values. Currency management strategies may substantially change a fund’s investment exposure to changes in currency exchange rates and could result in losses to a fund if currencies do not perform as an adviser anticipates. For example, if a currency’s value rose at a time when a fund had hedged its position by selling that currency in exchange for dollars, the fund would not participate in the currency’s appreciation. If a fund hedges currency exposure through proxy hedges, the fund could realize currency losses from both the hedge and the security position if the two currencies do not move in tandem. Similarly, if a fund increases its exposure to a foreign currency and that currency’s value declines, the fund will realize a loss. Foreign currency transactions involve the risk that anticipated currency movements will not be accurately predicted and that a fund’s hedging strategies will be ineffective. Moreover, it is impossible to precisely forecast the market value of portfolio securities at the expiration of a foreign currency forward contract. Accordingly, a fund may be required to buy or sell additional currency on the spot market (and bear the expenses of such transaction), if an adviser’s predictions regarding the movement of foreign currency or securities markets prove inaccurate.

A fund may be required to limit its hedging transactions in foreign currency forwards, futures, and options in order to maintain its classification as a “regulated investment company” under the Internal Revenue Code (Code). Hedging transactions could result in the application of the mark-to-market provisions of the Code, which may cause an increase (or decrease) in the amount of taxable dividends paid by a fund and could affect whether dividends paid by a fund are classified as capital gains or ordinary income. A fund will cover its exposure to foreign currency transactions with liquid assets in compliance with applicable requirements. There is no assurance that an adviser’s use of currency management strategies will be advantageous to a fund or that it will employ currency management strategies at appropriate times.

Options and Futures Relating to Foreign Currencies. Currency futures contracts are similar to forward currency exchange contracts, except that they are traded on exchanges (and have margin requirements) and are standardized as to contract size and delivery date. Most currency futures contracts call for payment or delivery in U.S. dollars. The underlying instrument of a currency option may be a foreign currency, which generally is purchased or delivered in exchange for U.S. dollars, or may be a futures contract. The purchaser of a currency call obtains the right to purchase the underlying currency, and the purchaser of a currency put obtains the right to sell the underlying currency.

The uses and risks of currency options and futures are similar to options and futures relating to securities or indexes, as discussed below. A fund may purchase and sell currency futures and may purchase and write currency options to increase or decrease its exposure to different foreign currencies. Currency options may also be purchased or written in conjunction with each other or with currency futures or forward contracts. Currency futures and options values can be expected to correlate with exchange rates, but may not reflect other factors that affect the value of a fund’s investments. A currency hedge, for example, should protect a Yen-denominated security from a decline in the Yen, but will not protect a fund against a price decline resulting from deterioration in the issuer’s creditworthiness. Because the value of a fund’s foreign-denominated investments changes in response to many factors other than exchange rates, it may not be possible to match the amount of currency options and futures to the value of the fund’s investments exactly over time.

Currency options traded on U.S. or other exchanges may be subject to position limits which may limit the ability of the fund to reduce foreign currency risk using such options.

Foreign Repurchase Agreements. Foreign repurchase agreements involve an agreement to purchase a foreign security and to sell that security back to the original seller at an agreed-upon price in either U.S. dollars or foreign currency. Unlike typical U.S. repurchase agreements, foreign repurchase agreements may not be fully collateralized at all times. The value of a security purchased by a fund may be more or less than the price at which the counterparty has agreed to repurchase the security. In the event of default by the counterparty, a fund may suffer a loss if the value of the security purchased is less than the agreed-upon repurchase price, or if the fund is unable to successfully assert a claim to the collateral under foreign laws. As a result, foreign repurchase agreements may involve higher credit risks than repurchase agreements in U.S. markets, as well as risks associated with currency fluctuations. In addition, as with other emerging market investments, repurchase agreements with counterparties located in emerging markets or relating to emerging markets may involve issuers or counterparties with lower credit ratings than

typical U.S. repurchase agreements.

Funds of Funds and Other Large Shareholders. Certain Fidelity® funds and accounts (including funds of funds) invest in other funds (“underlying funds”) and, as a result, may at times have substantial investments in one or more underlying funds.

An underlying fund may experience large redemptions or investments due to transactions in its shares by funds of funds, other large shareholders, or similarly managed accounts. While it is impossible to predict the overall effect of these transactions over time, there could be an adverse impact on an underlying fund’s performance. In the event of such redemptions or investments, an underlying fund could be required to sell securities or to invest cash at a time when it may not otherwise desire to do so. Such transactions may increase an underlying fund’s brokerage and/or other transaction costs and affect the liquidity of a fund’s portfolio. In addition, when funds of funds or other investors own a substantial portion of an underlying fund’s shares, a large redemption by such an investor could cause actual expenses to increase, or could result in the underlying fund’s current expenses being allocated over a smaller asset base, leading to an increase in the underlying fund’s expense ratio. Redemptions of underlying fund shares could also accelerate the realization of taxable capital gains in the fund if sales of securities result in capital gains. The impact of these transactions is likely to be greater when a fund of funds or other significant investor purchases, redeems, or owns a substantial portion of the underlying fund’s shares.

When possible, Fidelity will consider how to minimize these potential adverse effects, and may take such actions as it deems appropriate to address potential adverse effects, including redemption of shares in-kind rather than in cash or carrying out the transactions over a period of time, although there can be no assurance that such actions will be successful. A high volume of redemption requests can impact an underlying fund the same way as the transactions of a single shareholder with substantial investments. As an additional safeguard, Fidelity® fund of funds may manage the placement of their redemption requests in a manner designed to minimize the impact of such requests on the day-to-day operations of the underlying funds in which they invest. This may involve, for example, redeeming its shares of an underlying fund gradually over time.

Funds’ Rights as Investors. Fidelity® funds do not intend to direct or administer the day-to-day operations of any company. A fund may, however, exercise its rights as a shareholder or lender and may communicate its views on important matters of policy to a company’s management, board of directors, and shareholders, and holders of a company’s other securities when such matters could have a significant effect on the value of the fund’s investment in the company. The activities in which a fund may engage, either individually or in conjunction with others, may include, among others, supporting or opposing proposed changes in a company’s corporate structure or business activities; seeking changes in a company’s directors or management; seeking changes in a company’s direction or policies; seeking the sale or reorganization of the company or a portion of its assets; supporting or opposing third-party takeover efforts; supporting the filing of a bankruptcy petition; or foreclosing on collateral securing a security. This area of corporate activity is increasingly prone to litigation and it is possible that a fund could be involved in lawsuits related to such activities. Such activities will be monitored with a view to mitigating, to the extent possible, the risk of litigation against a fund and the risk of actual liability if a fund is involved in litigation. No guarantee can be made, however, that litigation against a fund will not be undertaken or liabilities incurred. A fund’s proxy voting guidelines are included in its SAI.

Futures, Options, and Swaps. The success of any strategy involving futures, options, and swaps depends on an adviser’s analysis of many economic and mathematical factors and a fund’s return may be higher if it never invested in such instruments. Additionally, some of the contracts discussed below are new instruments without a trading history and there can be no assurance that a market for the instruments will continue to exist. Government legislation or regulation could affect the use of such instruments and could limit a fund’s ability to pursue its investment strategies. If a fund invests a significant portion of its assets in derivatives, its investment exposure could far exceed the value of its portfolio securities and its investment performance could be primarily dependent upon securities it does not own.

The requirements for qualification as a regulated investment company may limit the extent to which a fund may enter into futures, options on futures, and forward contracts.

Futures Contracts. In purchasing a futures contract, the buyer agrees to purchase a specified underlying instrument at a specified future date. In selling a futures contract, the seller agrees to sell a specified underlying instrument at a specified date. Futures contracts are standardized, exchange-traded contracts and the price at which the purchase and sale will take place is fixed when the buyer and seller enter into the contract. Some currently available futures contracts are based on specific securities or baskets of securities, some are based on commodities or commodities indexes (for funds that seek commodities exposure), and some are based on indexes of securities prices (including foreign indexes for funds that seek foreign exposure). In addition, some currently available futures contracts are based on Eurodollars. Positions in Eurodollar futures reflect market expectations of forward levels of three-month London Interbank Offered Rate (LIBOR) rates. Futures on indexes and futures not calling for physical delivery of the underlying instrument will be settled through cash payments rather than through delivery of the underlying instrument. Futures can be held until their delivery dates, or can be closed out by offsetting purchases or sales of futures contracts before then if a liquid market is available. A fund may realize a gain or loss by closing out its futures contracts.

The value of a futures contract tends to increase and decrease in tandem with the value of its underlying instrument. Therefore, purchasing futures contracts will tend to increase a fund’s exposure to positive and negative price fluctuations in the underlying

instrument, much as if it had purchased the underlying instrument directly. When a fund sells a futures contract, by contrast, the value of its futures position will tend to move in a direction contrary to the market for the underlying instrument. Selling futures contracts, therefore, will tend to offset both positive and negative market price changes, much as if the underlying instrument had been sold.

The purchaser or seller of a futures contract or an option for a futures contract is not required to deliver or pay for the underlying instrument or the final cash settlement price, as applicable, unless the contract is held until the delivery date. However, both the purchaser and seller are required to deposit “initial margin” with a futures broker, known as a futures commission merchant (FCM), when the contract is entered into. If the value of either party’s position declines, that party will be required to make additional “variation margin” payments to settle the change in value on a daily basis. This process of “marking to market” will be reflected in the daily calculation of open positions computed in a fund’s NAV. The party that has a gain is entitled to receive all or a portion of this amount. Initial and variation margin payments do not constitute purchasing securities on margin for purposes of a fund’s investment limitations. Variation margin does not represent a borrowing or loan by a fund, but is instead a settlement between a fund and the FCM of the amount one would owe the other if the fund’s contract expired. In the event of the bankruptcy or insolvency of an FCM that holds margin on behalf of a fund, the fund may be entitled to return of margin owed to it only in proportion to the amount received by the FCM’s other customers, potentially resulting in losses to the fund. A fund is also required to segregate liquid assets equivalent to the fund’s outstanding obligations under the contract in excess of the initial margin and variation margin, if any.

Although futures exchanges generally operate similarly in the United States and abroad, foreign futures exchanges may follow trading, settlement, and margin procedures that are different from those for U.S. exchanges. Futures contracts traded outside the United States may not involve a clearing mechanism or related guarantees and may involve greater risk of loss than U.S.-traded contracts, including potentially greater risk of losses due to insolvency of a futures broker, exchange member, or other party that may owe initial or variation margin to a fund. Because initial and variation margin payments may be measured in foreign currency, a futures contract traded outside the United States may also involve the risk of foreign currency fluctuation.

There is no assurance a liquid market will exist for any particular futures contract at any particular time. Exchanges may establish daily price fluctuation limits for futures contracts, and may halt trading if a contract’s price moves upward or downward more than the limit in a given day. On volatile trading days when the price fluctuation limit is reached or a trading halt is imposed, it may be impossible to enter into new positions or close out existing positions. The daily limit governs only price movements during a particular trading day and therefore does not limit potential losses because the limit may work to prevent the liquidation of unfavorable positions. For example, futures prices have occasionally moved to the daily limit for several consecutive trading days with little or no trading, thereby preventing prompt liquidation of positions and subjecting some holders of futures contracts to substantial losses.

If the market for a contract is not liquid because of price fluctuation limits or other market conditions, it could prevent prompt liquidation of unfavorable positions, and potentially could require a fund to continue to hold a position until delivery or expiration regardless of changes in its value. As a result, a fund’s access to other assets held to cover its futures positions could also be impaired. These risks may be heightened for commodity futures contracts, which have historically been subject to greater price volatility than exists for instruments such as stocks and bonds.

Because there are a limited number of types of exchange-traded futures contracts, it is likely that the standardized contracts available will not match a fund’s current or anticipated investments exactly. A fund may invest in futures contracts based on securities with different issuers, maturities, or other characteristics from the securities in which the fund typically invests, which involves a risk that the futures position will not track the performance of the fund’s other investments.

Futures prices can also diverge from the prices of their underlying instruments, even if the underlying instruments match a fund’s investments well. Futures prices are affected by such factors as current and anticipated short-term interest rates, changes in volatility of the underlying instrument, and the time remaining until expiration of the contract, which may not affect security prices the same way. Imperfect correlation may also result from differing levels of demand in the futures markets and the securities markets, from structural differences in how futures and securities are traded, or from imposition of daily price fluctuation limits or trading halts. A fund may purchase or sell futures contracts with a greater or lesser value than the securities it wishes to hedge or intends to purchase in order to attempt to compensate for differences in volatility between the contract and the securities, although this may not be successful in all cases. If price changes in a fund’s futures positions are poorly correlated with its other investments, the positions may fail to produce anticipated gains or result in losses that are not offset by gains in other investments. In addition, the price of a commodity futures contract can reflect the storage costs associated with the purchase of the physical commodity.

Futures contracts on U.S. Government securities historically have reacted to an increase or decrease in interest rates in a manner similar to the manner in which the underlying U.S. Government securities reacted. To the extent, however, that a fund enters into such futures contracts, the value of these futures contracts will not vary in direct proportion to the value of the fund’s holdings of U.S. Government securities. Thus, the anticipated spread between the price of the futures contract and the hedged security may be distorted due to differences in the nature of the markets. The spread also may be distorted by differences in initial

and variation margin requirements, the liquidity of such markets and the participation of speculators in such markets.

Options. By purchasing a put option, the purchaser obtains the right (but not the obligation) to sell the option's underlying instrument at a fixed strike price. In return for this right, the purchaser pays the current market price for the option (known as the option premium). Options have various types of underlying instruments, including specific assets or securities, baskets of assets or securities, indexes of securities or commodities prices, and futures contracts (including commodity futures contracts). Options may be traded on an exchange or OTC. The purchaser may terminate its position in a put option by allowing it to expire or by exercising the option. If the option is allowed to expire, the purchaser will lose the entire premium. If the option is exercised, the purchaser completes the sale of the underlying instrument at the strike price. Depending on the terms of the contract, upon exercise, an option may require physical delivery of the underlying instrument or may be settled through cash payments. A purchaser may also terminate a put option position by closing it out in the secondary market at its current price, if a liquid secondary market exists.

The buyer of a typical put option can expect to realize a gain if the underlying instrument's price falls substantially. However, if the underlying instrument's price does not fall enough to offset the cost of purchasing the option, a put buyer can expect to suffer a loss (limited to the amount of the premium, plus related transaction costs).

The features of call options are essentially the same as those of put options, except that the purchaser of a call option obtains the right (but not the obligation) to purchase, rather than sell, the underlying instrument at the option's strike price. A call buyer typically attempts to participate in potential price increases of the underlying instrument with risk limited to the cost of the option if the underlying instrument's price falls. At the same time, the buyer can expect to suffer a loss if the underlying instrument's price does not rise sufficiently to offset the cost of the option.

The writer of a put or call option takes the opposite side of the transaction from the option's purchaser. In return for receipt of the premium, the writer assumes the obligation to pay or receive the strike price for the option's underlying instrument if the other party to the option chooses to exercise it. The writer may seek to terminate a position in a put option before exercise by closing out the option in the secondary market at its current price. If the secondary market is not liquid for a put option, however, the writer must continue to be prepared to pay the strike price while the option is outstanding, regardless of price changes. When writing an option on a futures contract, a fund will be required to make margin payments to an FCM as described above for futures contracts.

If the underlying instrument's price rises, a put writer would generally expect to profit, although its gain would be limited to the amount of the premium it received. If the underlying instrument's price remains the same over time, it is likely that the writer will also profit, because it should be able to close out the option at a lower price. If the underlying instrument's price falls, the put writer would expect to suffer a loss. This loss should be less than the loss from purchasing the underlying instrument directly, however, because the premium received for writing the option should mitigate the effects of the decline.

Writing a call option obligates the writer to sell or deliver the option's underlying instrument or make a net cash settlement payment, as applicable, in return for the strike price, upon exercise of the option. The characteristics of writing call options are similar to those of writing put options, except that writing calls generally is a profitable strategy if prices remain the same or fall. Through receipt of the option premium, a call writer should mitigate the effects of a price increase. At the same time, because a call writer must be prepared to deliver the underlying instrument or make a net cash settlement payment, as applicable, in return for the strike price, even if its current value is greater, a call writer gives up some ability to participate in security price increases.

Where a put or call option on a particular security is purchased to hedge against price movements in a related security, the price to close out the put or call option on the secondary market may move more or less than the price of the related security.

There is no assurance a liquid market will exist for any particular options contract at any particular time. Options may have relatively low trading volume and liquidity if their strike prices are not close to the underlying instrument's current price. In addition, exchanges may establish daily price fluctuation limits for exchange-traded options contracts, and may halt trading if a contract's price moves upward or downward more than the limit in a given day. On volatile trading days when the price fluctuation limit is reached or a trading halt is imposed, it may be impossible to enter into new positions or close out existing positions. If the market for a contract is not liquid because of price fluctuation limits or otherwise, it could prevent prompt liquidation of unfavorable positions, and potentially could require a fund to continue to hold a position until delivery or expiration regardless of changes in its value. As a result, a fund's access to other assets held to cover its options positions could also be impaired.

Unlike exchange-traded options, which are standardized with respect to the underlying instrument, expiration date, contract size, and strike price, the terms of OTC options (options not traded on exchanges) generally are established through negotiation with the other party to the option contract. While this type of arrangement allows the purchaser or writer greater flexibility to tailor an option to its needs, OTC options generally are less liquid and involve greater credit risk than exchange-traded options, which are backed by the clearing organization of the exchanges where they are traded.

Combined positions involve purchasing and writing options in combination with each other, or in combination with futures or forward contracts, to adjust the risk and return characteristics of the overall position. For example, purchasing a put option and writing a call option on the same underlying instrument would construct a combined position whose risk and return characteristics

are similar to selling a futures contract. Another possible combined position would involve writing a call option at one strike price and buying a call option at a lower price, to reduce the risk of the written call option in the event of a substantial price increase. Because combined options positions involve multiple trades, they result in higher transaction costs and may be more difficult to open and close out.

A fund may also buy and sell options on swaps (swaptions), which are generally options on interest rate swaps. An option on a swap gives a party the right (but not the obligation) to enter into a new swap agreement or to extend, shorten, cancel or modify an existing contract at a specific date in the future in exchange for a premium. Depending on the terms of the particular option agreement, a fund will generally incur a greater degree of risk when it writes (sells) an option on a swap than it will incur when it purchases an option on a swap. When a fund purchases an option on a swap, it risks losing only the amount of the premium it has paid should it decide to let the option expire unexercised. However, when a fund writes an option on a swap, upon exercise of the option the fund will become obligated according to the terms of the underlying agreement. A fund that writes an option on a swap receives the premium and bears the risk of unfavorable changes in the preset rate on the underlying interest rate swap. Whether a fund's use of options on swaps will be successful in furthering its investment objective will depend on the adviser's ability to predict correctly whether certain types of investments are likely to produce greater returns than other investments. Options on swaps may involve risks similar to those discussed below in "Swap Agreements."

Because there are a limited number of types of exchange-traded options contracts, it is likely that the standardized contracts available will not match a fund's current or anticipated investments exactly. A fund may invest in options contracts based on securities with different issuers, maturities, or other characteristics from the securities in which the fund typically invests, which involves a risk that the options position will not track the performance of the fund's other investments.

Options prices can also diverge from the prices of their underlying instruments, even if the underlying instruments match a fund's investments well. Options prices are affected by such factors as current and anticipated short-term interest rates, changes in volatility of the underlying instrument, and the time remaining until expiration of the contract, which may not affect security prices the same way. Imperfect correlation may also result from differing levels of demand in the options and futures markets and the securities markets, from structural differences in how options and futures and securities are traded, or from imposition of daily price fluctuation limits or trading halts. A fund may purchase or sell options contracts with a greater or lesser value than the securities it wishes to hedge or intends to purchase in order to attempt to compensate for differences in volatility between the contract and the securities, although this may not be successful in all cases. If price changes in a fund's options positions are poorly correlated with its other investments, the positions may fail to produce anticipated gains or result in losses that are not offset by gains in other investments.

Swap Agreements. Swap agreements are two-party contracts entered into primarily by institutional investors. Cleared swaps are transacted through FCMs that are members of central clearinghouses with the clearinghouse serving as a central counterparty similar to transactions in futures contracts. In a standard "swap" transaction, two parties agree to exchange one or more payments based, for example, on the returns (or differentials in rates of return) earned or realized on particular predetermined investments or instruments (such as securities, commodities, indexes, or other financial or economic interests). The gross payments to be exchanged between the parties are calculated with respect to a notional amount, which is the predetermined dollar principal of the trade representing the hypothetical underlying quantity upon which payment obligations are computed.

Swap agreements can take many different forms and are known by a variety of names, including interest rate swaps (where the parties exchange a floating rate for a fixed rate), asset swaps (e.g., where parties combine the purchase or sale of a bond with an interest rate swap), total return swaps, and credit default swaps. Depending on how they are used, swap agreements may increase or decrease the overall volatility of a fund's investments and its share price and, if applicable, its yield. Swap agreements are subject to liquidity risk, meaning that a fund may be unable to sell a swap contract to a third party at a favorable price. Certain standardized swap transactions are currently subject to mandatory central clearing or may be eligible for voluntary central clearing. Central clearing is expected to decrease counterparty risk and increase liquidity compared to uncleared swaps because central clearing interposes the central clearinghouse as the counterpart to each participant's swap. However, central clearing does not eliminate counterparty risk or illiquidity risk entirely. In addition depending on the size of a fund and other factors, the margin required under the rules of a clearinghouse and by a clearing member FCM may be in excess of the collateral required to be posted by a fund to support its obligations under a similar uncleared swap. It is expected, however, that regulators will adopt rules imposing certain margin requirements, including minimums, on uncleared swaps in the near future, which could reduce the distinction.

A total return swap is a contract whereby one party agrees to make a series of payments to another party based on the change in the market value of the assets underlying such contract (which can include a security or other instrument, commodity, index or baskets thereof) during the specified period. In exchange, the other party to the contract agrees to make a series of payments calculated by reference to an interest rate and/or some other agreed-upon amount (including the change in market value of other underlying assets). A fund may use total return swaps to gain exposure to an asset without owning it or taking physical custody of it. For example, a fund investing in total return commodity swaps will receive the price appreciation of a commodity, commodity index or portion thereof in exchange for payment of an agreed-upon fee.

In a credit default swap, the credit default protection buyer makes periodic payments, known as premiums, to the credit default protection seller. In return the credit default protection seller will make a payment to the credit default protection buyer upon the occurrence of a specified credit event. A credit default swap can refer to a single issuer or asset, a basket of issuers or assets or index of assets, each known as the reference entity or underlying asset. A fund may act as either the buyer or the seller of a credit default swap. A fund may buy or sell credit default protection on a basket of issuers or assets, even if a number of the underlying assets referenced in the basket are lower-quality debt securities. In an unhedged credit default swap, a fund buys credit default protection on a single issuer or asset, a basket of issuers or assets or index of assets without owning the underlying asset or debt issued by the reference entity. Credit default swaps involve greater and different risks than investing directly in the referenced asset, because, in addition to market risk, credit default swaps include liquidity, counterparty and operational risk.

Credit default swaps allow a fund to acquire or reduce credit exposure to a particular issuer, asset or basket of assets. If a swap agreement calls for payments by a fund, the fund must be prepared to make such payments when due. If a fund is the credit default protection seller, the fund will experience a loss if a credit event occurs and the credit of the reference entity or underlying asset has deteriorated. If a fund is the credit default protection buyer, the fund will be required to pay premiums to the credit default protection seller. In the case of a physically settled credit default swap in which a fund is the protection seller, the fund must be prepared to pay par for and take possession of debt of a defaulted issuer delivered to the fund by the credit default protection buyer. Any loss would be offset by the premium payments the fund receives as the seller of credit default protection. This risk for cleared swaps is generally lower than for uncleared swaps since the counterparty is a clearinghouse, but there can be no assurance that a clearinghouse or its members will satisfy its obligations.

If the creditworthiness of a fund's swap counterparty declines, the risk that the counterparty may not perform could increase, potentially resulting in a loss to the fund. To limit the counterparty risk involved in swap agreements, a Fidelity® fund will enter into swap agreements only with counterparties that meet certain standards of creditworthiness. Although there can be no assurance that a fund will be able to do so, a fund may be able to reduce or eliminate its exposure under a swap agreement either by assignment or other disposition, or by entering into an offsetting swap agreement with the same party or another creditworthy party. A fund may have limited ability to eliminate its exposure under a credit default swap if the credit of the reference entity or underlying asset has declined.

A fund bears the risk of loss of the amount expected to be received under a swap agreement in the event of the default or bankruptcy of a swap agreement counterparty. In order to cover its outstanding obligations to a swap counterparty, a fund would generally be required to provide margin or collateral for the benefit of that counterparty. If a counterparty to a swap transaction becomes insolvent, the fund may be limited temporarily or permanently in exercising its right to the return of related fund assets designated as margin or collateral in an action against the counterparty.

Swap agreements are subject to the risk that the market value of the instrument will change in a way detrimental to a fund's interest. A fund bears the risk that an adviser will not accurately forecast market trends or the values of assets, reference rates, indexes, or other economic factors in establishing swap positions for a fund. If an adviser attempts to use a swap as a hedge against, or as a substitute for, a portfolio investment, a fund may be exposed to the risk that the swap will have or will develop imperfect or no correlation with the portfolio investment, which could cause substantial losses for a fund. While hedging strategies involving swap instruments can reduce the risk of loss, they can also reduce the opportunity for gain or even result in losses by offsetting favorable price movements in other fund investments. Swaps are complex and often valued subjectively.

Hybrid and Preferred Securities. A hybrid security may be a debt security, warrant, convertible security, certificate of deposit or other evidence of indebtedness on which the value of the interest on or principal of which is determined by reference to changes in the value of a reference instrument or financial strength of a reference entity (*e.g.*, a security or other financial instrument, asset, currency, interest rate, commodity, index, or business entity such as a financial institution). Another example is contingent convertible securities, which are fixed income securities that, under certain circumstances, either convert into common stock of the issuer or undergo a principal write-down by a predetermined percentage if the issuer's capital ratio falls below a predetermined trigger level. The liquidation value of such a security may be reduced upon a regulatory action and without the need for a bankruptcy proceeding. Preferred securities may take the form of preferred stock and represent an equity or ownership interest in an issuer that pays dividends at a specified rate and that has precedence over common stock in the payment of dividends. In the event an issuer is liquidated or declares bankruptcy, the claims of owners of bonds generally take precedence over the claims of those who own preferred and common stock.

The risks of investing in hybrid and preferred securities reflect a combination of the risks of investing in securities, options, futures and currencies. An investment in a hybrid or preferred security may entail significant risks that are not associated with a similar investment in a traditional debt or equity security. The risks of a particular hybrid or preferred security will depend upon the terms of the instrument, but may include the possibility of significant changes in the value of any applicable reference instrument. Such risks may depend upon factors unrelated to the operations or credit quality of the issuer of the hybrid or preferred security. Hybrid and preferred securities are potentially more volatile and carry greater market and liquidity risks than traditional debt or equity securities. Also, the price of the hybrid or preferred security and any applicable reference instrument may not move in the same direction or at the same time. In addition, because hybrid and preferred securities may be traded over-the-counter

or in bilateral transactions with the issuer of the security, hybrid and preferred securities may be subject to the creditworthiness of the counterparty of the security and their values may decline substantially if the counterparty's creditworthiness deteriorates. In addition, uncertainty regarding the tax and regulatory treatment of hybrid and preferred securities may reduce demand for such securities and tax and regulatory considerations may limit the extent of a fund's investments in certain hybrid and preferred securities.

Illiquid Investments means any investment that cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the investment. Difficulty in selling or disposing of illiquid investments may result in a loss or may be costly to a fund.

Under the supervision of the Board of Trustees, a Fidelity® fund's adviser classifies the liquidity of the fund's investments and monitors the extent of funds' illiquid investments.

Various market, trading and investment-specific factors may be considered in determining the liquidity of a fund's investments including, but not limited to (1) the existence of an active trading market, (2) the nature of the security and the market in which it trades, (3) the number, diversity, and quality of dealers and prospective purchasers in the marketplace, (4) the frequency, volume, and volatility of trade and price quotations, (5) bid-ask spreads, (6) dates of issuance and maturity, (7) demand, put or tender features, and (8) restrictions on trading or transferring the investment.

Fidelity classifies certain investments as illiquid based upon these criteria. Fidelity also monitors for certain market, trading and investment-specific events that may cause Fidelity to re-evaluate an investment's liquidity status and may lead to an investment being classified as illiquid. In addition, Fidelity uses a third-party to assist with the liquidity classifications of the fund's investments, which includes calculating the time to sell and settle a specified size position in a particular investment without the sale significantly changing the market value of the investment.

Increasing Government Debt. The total public debt of the United States and other countries around the globe as a percent of gross domestic product has grown rapidly since the beginning of the 2008 financial downturn. Although high debt levels do not necessarily indicate or cause economic problems, they may create certain systemic risks if sound debt management practices are not implemented.

A high national debt level may increase market pressures to meet government funding needs, which may drive debt cost higher and cause a country to sell additional debt, thereby increasing refinancing risk. A high national debt also raises concerns that a government will not be able to make principal or interest payments when they are due. In the worst case, unsustainable debt levels can decline the valuation of currencies, and can prevent a government from implementing effective counter-cyclical fiscal policy in economic downturns.

On August 5, 2011, Standard & Poor's Ratings Services lowered its long-term sovereign credit rating on the United States one level to "AA+" from "AAA." While Standard & Poor's Ratings Services affirmed the United States' short-term sovereign credit rating as "A-1+," there is no guarantee that Standard & Poor's Ratings Services will not decide to lower this rating in the future. Standard & Poor's Ratings Services stated that its decision was prompted by its view on the rising public debt burden and its perception of greater policymaking uncertainty. The market prices and yields of securities supported by the full faith and credit of the U.S. Government may be adversely affected by Standard & Poor's Ratings Services decisions to downgrade the long-term sovereign credit rating of the United States.

Indexed Securities are instruments whose prices are indexed to the prices of other securities, securities indexes, or other financial indicators. Indexed securities typically, but not always, are debt securities or deposits whose values at maturity or coupon rates are determined by reference to a specific instrument, statistic, or measure.

Indexed securities also include commercial paper, certificates of deposit, and other fixed-income securities whose values at maturity or coupon interest rates are determined by reference to the returns of particular stock indexes. Indexed securities can be affected by stock prices as well as changes in interest rates and the creditworthiness of their issuers and may not track the indexes as accurately as direct investments in the indexes.

Mortgage-indexed securities, for example, could be structured to replicate the performance of mortgage securities and the characteristics of direct ownership.

Commodity-indexed securities, for example, can be indexed to a commodities index such as the Bloomberg Commodity Index Total ReturnSM.

Currency-indexed securities typically are short-term to intermediate-term debt securities whose maturity values or interest rates are determined by reference to the values of one or more specified foreign currencies, and may offer higher yields than U.S. dollar-denominated securities. Currency-indexed securities may be positively or negatively indexed; that is, their maturity value may increase when the specified currency value increases, resulting in a security that performs similarly to a foreign-denominated instrument, or their maturity value may decline when foreign currencies increase, resulting in a security whose price characteristics are similar to a put on the underlying currency. Currency-indexed securities may also have prices that depend on

the values of a number of different foreign currencies relative to each other.

The performance of indexed securities depends to a great extent on the performance of the instrument or measure to which they are indexed, and may also be influenced by interest rate changes in the United States and abroad. Indexed securities may be more volatile than the underlying instruments or measures. Indexed securities are also subject to the credit risks associated with the issuer of the security, and their values may decline substantially if the issuer's creditworthiness deteriorates. Recent issuers of indexed securities have included banks, corporations, and certain U.S. Government agencies.

Insolvency of Issuers, Counterparties, and Intermediaries. Issuers of fund portfolio securities or counterparties to fund transactions that become insolvent or declare bankruptcy can pose special investment risks. In each circumstance, risk of loss, valuation uncertainty, increased illiquidity, and other unpredictable occurrences may negatively impact an investment. Each of these risks may be amplified in foreign markets, where security trading, settlement, and custodial practices can be less developed than those in the U.S. markets, and bankruptcy laws differ from those of the U.S.

As a general matter, if the issuer of a fund portfolio security is liquidated or declares bankruptcy, the claims of owners of bonds and preferred stock have priority over the claims of common stock owners. These events can negatively impact the value of the issuer's securities and the results of related proceedings can be unpredictable.

If a counterparty to a fund transaction, such as a swap transaction, a short sale, a borrowing, or other complex transaction becomes insolvent, the fund may be limited in its ability to exercise rights to obtain the return of related fund assets or in exercising other rights against the counterparty. In addition, insolvency and liquidation proceedings take time to resolve, which can limit or preclude a fund's ability to terminate a transaction or obtain related assets or collateral in a timely fashion. Uncertainty may also arise upon the insolvency of a securities or commodities intermediary such as a broker-dealer or futures commission merchant with which a fund has pending transactions. If an intermediary becomes insolvent, while securities positions and other holdings may be protected by U.S. or foreign laws, it is sometimes difficult to determine whether these protections are available to specific trades based on the circumstances. Receiving the benefit of these protections can also take time to resolve, which may result in illiquid positions.

Interfund Borrowing and Lending Program. Pursuant to an exemptive order issued by the SEC, a Fidelity® fund may lend money to, and borrow money from, other funds advised by FMR or its affiliates. A Fidelity® fund will borrow through the program only when the costs are equal to or lower than the costs of bank loans. A Fidelity® fund will lend through the program only when the returns are higher than those available from an investment in repurchase agreements. Interfund loans and borrowings normally extend overnight, but can have a maximum duration of seven days. Loans may be called on one day's notice. A Fidelity® fund may have to borrow from a bank at a higher interest rate if an interfund loan is called or not renewed. Any delay in repayment to a lending fund could result in a lost investment opportunity or additional borrowing costs.

Investment-Grade Debt Securities. Investment-grade debt securities include all types of debt instruments that are of medium and high-quality. Investment-grade debt securities include repurchase agreements collateralized by U.S. Government securities as well as repurchase agreements collateralized by equity securities, non-investment-grade debt, and all other instruments in which a fund can perfect a security interest, provided the repurchase agreement counterparty has an investment-grade rating. Some investment-grade debt securities may possess speculative characteristics and may be more sensitive to economic changes and to changes in the financial conditions of issuers. An investment-grade rating means the security or issuer is rated investment-grade by a credit rating agency registered as a nationally recognized statistical rating organization (NRSRO) with the SEC (for example, Moody's Investors Service, Inc.), or is unrated but considered to be of equivalent quality by a fund's adviser. For purposes of determining the maximum maturity of an investment-grade debt security, an adviser may take into account normal settlement periods.

Loans and Other Direct Debt Instruments. Direct debt instruments are interests in amounts owed by a corporate, governmental, or other borrower to lenders or lending syndicates (loans and loan participations), to suppliers of goods or services (trade claims or other receivables), or to other parties. Direct debt instruments involve a risk of loss in case of default or insolvency of the borrower and may offer less legal protection to the purchaser in the event of fraud or misrepresentation, or there may be a requirement that a fund supply additional cash to a borrower on demand. A fund may acquire loans by buying an assignment of all or a portion of the loan from a lender or by purchasing a loan participation from a lender or other purchaser of a participation. A fund also may acquire loans directly at the time of the loan's closing.

Lenders and purchasers of loans and other forms of direct indebtedness depend primarily upon the creditworthiness of the borrower for payment of interest and repayment of principal. If scheduled interest or principal payments are not made, the value of the instrument may be adversely affected. Loans that are fully secured provide more protections than an unsecured loan in the event of failure to make scheduled interest or principal payments. However, there is no assurance that the liquidation of collateral from a secured loan would satisfy the borrower's obligation, or that the collateral could be liquidated. Indebtedness of borrowers whose creditworthiness is poor involves substantially greater risks and may be highly speculative. Borrowers that are in bankruptcy or restructuring may never pay off their indebtedness, or may pay only a small fraction of the amount owed. Direct indebtedness of foreign countries also involves a risk that the governmental entities responsible for the repayment of the debt may

be unable, or unwilling, to pay interest and repay principal when due.

Direct lending and investments in loans through direct assignment of a financial institution's interests with respect to a loan may involve additional risks. For example, if a loan is foreclosed, the lender/purchaser could become part owner of any collateral, and would bear the costs and liabilities associated with owning and disposing of the collateral. In addition, it is conceivable that under emerging legal theories of lender liability, a purchaser could be held liable as a co-lender. Direct debt instruments may also involve a risk of insolvency of the lending bank or other intermediary.

A loan is often administered by a bank or other financial institution that acts as agent for all holders. The agent administers the terms of the loan, as specified in the loan agreement. Unless, under the terms of the loan or other indebtedness, the purchaser has direct recourse against the borrower, the purchaser may have to rely on the agent to apply appropriate credit remedies against a borrower. If assets held by the agent for the benefit of a purchaser were determined to be subject to the claims of the agent's general creditors, the purchaser might incur certain costs and delays in realizing payment on the loan or loan participation and could suffer a loss of principal or interest.

Direct indebtedness may include letters of credit, revolving credit facilities, or other standby financing commitments that obligate lenders/purchasers to make additional cash payments on demand. These commitments may have the effect of requiring a lender/purchaser to increase its investment in a borrower at a time when it would not otherwise have done so, even if the borrower's condition makes it unlikely that the amount will ever be repaid.

For a Fidelity® fund that limits the amount of total assets that it will invest in any one issuer or in issuers within the same industry, the fund generally will treat the borrower as the "issuer" of indebtedness held by the fund. In the case of loan participations where a bank or other lending institution serves as financial intermediary between a fund and the borrower, if the participation does not shift to the fund the direct debtor-creditor relationship with the borrower, SEC interpretations require a fund, in appropriate circumstances, to treat both the lending bank or other lending institution and the borrower as "issuers" for these purposes. Treating a financial intermediary as an issuer of indebtedness may restrict a fund's ability to invest in indebtedness related to a single financial intermediary, or a group of intermediaries engaged in the same industry, even if the underlying borrowers represent many different companies and industries.

A fund may choose, at its expense or in conjunction with others, to pursue litigation or otherwise to exercise its rights as a security holder to seek to protect the interests of security holders if it determines this to be in the best interest of the fund's shareholders.

Lower-Quality Debt Securities. Lower-quality debt securities include all types of debt instruments that have poor protection with respect to the payment of interest and repayment of principal, or may be in default. These securities are often considered to be speculative and involve greater risk of loss or price changes due to changes in the issuer's capacity to pay. The market prices of lower-quality debt securities may fluctuate more than those of higher-quality debt securities and may decline significantly in periods of general economic difficulty, which may follow periods of rising interest rates.

The market for lower-quality debt securities may be thinner and less active than that for higher-quality debt securities, which can adversely affect the prices at which the former are sold. Adverse publicity and changing investor perceptions may affect the liquidity of lower-quality debt securities and the ability of outside pricing services to value lower-quality debt securities.

Because the risk of default is higher for lower-quality debt securities, research and credit analysis are an especially important part of managing securities of this type. Such analysis may focus on relative values based on factors such as interest or dividend coverage, asset coverage, earnings prospects, and the experience and managerial strength of the issuer, in an attempt to identify those issuers of high-yielding securities whose financial condition is adequate to meet future obligations, has improved, or is expected to improve in the future.

A fund may choose, at its expense or in conjunction with others, to pursue litigation or otherwise to exercise its rights as a security holder to seek to protect the interests of security holders if it determines this to be in the best interest of the fund's shareholders.

Money Market Securities are high-quality, short-term obligations. Money market securities may be structured to be, or may employ a trust or other form so that they are, eligible investments for money market funds. For example, put features can be used to modify the maturity of a security or interest rate adjustment features can be used to enhance price stability. If a structure fails to function as intended, adverse tax or investment consequences may result. Neither the Internal Revenue Service (IRS) nor any other regulatory authority has ruled definitively on certain legal issues presented by certain structured securities. Future tax or other regulatory determinations could adversely affect the value, liquidity, or tax treatment of the income received from these securities or the nature and timing of distributions made by a fund.

Mortgage Securities are issued by government and non-government entities such as banks, mortgage lenders, or other institutions. A mortgage security is an obligation of the issuer backed by a mortgage or pool of mortgages or a direct interest in an underlying pool of mortgages. Some mortgage securities, such as collateralized mortgage obligations (or "CMOs"), make payments of both principal and interest at a range of specified intervals; others make semiannual interest payments at

a predetermined rate and repay principal at maturity (like a typical bond). Mortgage securities are based on different types of mortgages, including those on commercial real estate or residential properties. Stripped mortgage securities are created when the interest and principal components of a mortgage security are separated and sold as individual securities. In the case of a stripped mortgage security, the holder of the “principal-only” security (PO) receives the principal payments made by the underlying mortgage, while the holder of the “interest-only” security (IO) receives interest payments from the same underlying mortgage.

Fannie Maes and Freddie Macs are pass-through securities issued by Fannie Mae and Freddie Mac, respectively. Fannie Mae and Freddie Mac, which guarantee payment of interest and repayment of principal on Fannie Maes and Freddie Macs, respectively, are federally chartered corporations supervised by the U.S. Government that act as governmental instrumentalities under authority granted by Congress. Fannie Mae and Freddie Mac are authorized to borrow from the U.S. Treasury to meet their obligations. Fannie Maes and Freddie Macs are not backed by the full faith and credit of the U.S. Government.

On June 3, 2019, under the Federal Housing Finance Agency’s “Single Security Initiative”, Fannie Mae and Freddie Mac will start issuing uniform mortgage-backed securities (UMBS). UMBS will be eligible for delivery into the To-Be-Announced (TBA) market. Each UMBS will have a 55-day remittance cycle and can be used as collateral in either a Fannie Mae® or Freddie Mac® security or held for investment. Freddie Mac’s legacy TBA-eligible securities have a 45-day remittance cycle and will not be directly eligible for delivery in settlement of a UMBS trade. Freddie Mac will offer investors the opportunity to exchange outstanding legacy mortgage-backed securities for mirror UMBS with a 55-day remittance period. The exchange offer includes compensation for the 10-day delay in receipt of payments. A fund’s ability to invest in UMBS to the same degree that the fund currently invests in Fannie Mae and Freddie Mac mortgage-backed securities is uncertain.

While Fannie Mae and Freddie Mac have taken steps for a smooth transition to the issuance of UMBS, the effects of the issuance of UMBS on the mortgage-backed securities and TBA markets are uncertain and there may be factors that affect the timing of the transition to UMBS or the ability of market participants, including a fund, to adapt to the issuance of UMBS. A fund may need to consider the tax and accounting issues raised by investments in UMBS and/or the exchange of legacy Freddie Mac securities for UMBS. Additionally, there could be divergence in prepayment rates of UMBS issued by Fannie Mae and Freddie Mac, which could lead to differences in the prices of Fannie Mae- and Freddie Mac-issued UMBS if Fannie Mae and Freddie Mac fail to align programs, policies and practices that affect prepayments.

The value of mortgage securities may change due to shifts in the market’s perception of issuers and changes in interest rates. In addition, regulatory or tax changes may adversely affect the mortgage securities market as a whole. Non-government mortgage securities may offer higher yields than those issued by government entities, but also may be subject to greater price changes than government issues. Mortgage securities are subject to prepayment risk, which is the risk that early principal payments made on the underlying mortgages, usually in response to a reduction in interest rates, will result in the return of principal to the investor, causing it to be invested subsequently at a lower current interest rate. Alternatively, in a rising interest rate environment, mortgage security values may be adversely affected when prepayments on underlying mortgages do not occur as anticipated, resulting in the extension of the security’s effective maturity and the related increase in interest rate sensitivity of a longer-term instrument. The prices of stripped mortgage securities tend to be more volatile in response to changes in interest rates than those of non-stripped mortgage securities.

A fund may seek to earn additional income by using a trading strategy (commonly known as “mortgage dollar rolls” or “reverse mortgage dollar rolls”) that involves selling (or buying) mortgage securities, realizing a gain or loss, and simultaneously agreeing to purchase (or sell) mortgage securities on a later date at a set price. During the period between the sale and repurchase in a mortgage dollar roll transaction, a fund will not be entitled to receive interest and principal payments on the securities sold but will invest the proceeds of the sale in other securities that are permissible investments for the fund. During the period between the purchase and subsequent sale in a reverse mortgage dollar roll transaction, a fund is entitled to interest and principal payments on the securities purchased. Losses may arise due to changes in the value of the securities or if the counterparty does not perform under the terms of the agreement. If the counterparty files for bankruptcy or becomes insolvent, a fund’s right to repurchase or sell securities may be limited. This trading strategy may increase interest rate exposure and result in an increased portfolio turnover rate which increases costs and may increase taxable gains.

Municipal Securities are issued to raise money for a variety of public or private purposes, including general financing for state and local governments, or financing for specific projects or public facilities. They may be issued in anticipation of future revenues and may be backed by the full taxing power of a municipality, the revenues from a specific project, or the credit of a private organization. The value of some or all municipal securities may be affected by uncertainties in the municipal market related to legislation or litigation involving the taxation of municipal securities or the rights of municipal securities holders. A municipal security may be owned directly or through a participation interest.

Put Features entitle the holder to sell a security back to the issuer or a third party at any time or at specified intervals. In exchange for this benefit, a fund may accept a lower interest rate. Securities with put features are subject to the risk that the put provider is unable to honor the put feature (purchase the security). Put providers often support their ability to buy securities on demand by obtaining letters of credit or other guarantees from other entities. Demand features, standby commitments, and tender options are types of put features.

Real Estate Investment Trusts. Equity real estate investment trusts own real estate properties, while mortgage real estate investment trusts make construction, development, and long-term mortgage loans. Their value may be affected by changes in the value of the underlying property of the trusts, the creditworthiness of the issuer, property taxes, interest rates, and tax and regulatory requirements, such as those relating to the environment. Both types of trusts are dependent upon management skill, are not diversified, and are subject to heavy cash flow dependency, defaults by borrowers, self-liquidation, and the possibility of failing to qualify for tax-free status of income under the Internal Revenue Code and failing to maintain exemption from the 1940 Act.

Real estate investment trusts issue debt securities to fund the purchase and/or development of commercial properties. The value of these debt securities may be affected by changes in the value of the underlying property owned by the trusts, the creditworthiness of the trusts, interest rates, and tax and regulatory requirements. Real estate investment trusts are dependent upon management skill and the cash flow generated by the properties owned by the trusts. Real estate investment trusts are at the risk of the possibility of failing to qualify for tax-free status of income under the Internal Revenue Code and failing to maintain exemption from the 1940 Act.

Reforms and Government Intervention in the Financial Markets. Economic downturns can trigger various economic, legal, budgetary, tax, and regulatory reforms across the globe. Instability in the financial markets in the wake of the 2008 economic downturn led the U.S. Government and other governments to take a number of unprecedented actions designed to support certain financial institutions and segments of the financial markets that experienced extreme volatility, and in some cases, a lack of liquidity. Reforms are ongoing and their effects are uncertain. Federal, state, local, foreign, and other governments, their regulatory agencies, or self-regulatory organizations may take actions that affect the regulation of the instruments in which a fund invests, or the issuers of such instruments, in ways that are unforeseeable. Reforms may also change the way in which a fund is regulated and could limit or preclude a fund's ability to achieve its investment objective or engage in certain strategies. Also, while reforms generally are intended to strengthen markets, systems, and public finances, they could affect fund expenses and the value of fund investments.

The value of a fund's holdings is also generally subject to the risk of future local, national, or global economic disturbances based on unknown weaknesses in the markets in which a fund invests. In the event of such a disturbance, the issuers of securities held by a fund may experience significant declines in the value of their assets and even cease operations, or may receive government assistance accompanied by increased restrictions on their business operations or other government intervention. In addition, it is not certain that the U.S. Government or foreign governments will intervene in response to a future market disturbance and the effect of any such future intervention cannot be predicted.

Repurchase Agreements involve an agreement to purchase a security and to sell that security back to the original seller at an agreed-upon price. The resale price reflects the purchase price plus an agreed-upon incremental amount which is unrelated to the coupon rate or maturity of the purchased security. As protection against the risk that the original seller will not fulfill its obligation, the securities are held in a separate account at a bank, marked-to-market daily, and maintained at a value at least equal to the sale price plus the accrued incremental amount. The value of the security purchased may be more or less than the price at which the counterparty has agreed to purchase the security. In addition, delays or losses could result if the other party to the agreement defaults or becomes insolvent. A fund may be limited in its ability to exercise its right to liquidate assets related to a repurchase agreement with an insolvent counterparty. A Fidelity® fund may engage in repurchase agreement transactions with parties whose creditworthiness has been reviewed and found satisfactory by the fund's adviser.

Restricted Securities are subject to legal restrictions on their sale. Difficulty in selling securities may result in a loss or be costly to a fund. Restricted securities generally can be sold in privately negotiated transactions, pursuant to an exemption from registration under the Securities Act of 1933 (1933 Act), or in a registered public offering. Where registration is required, the holder of a registered security may be obligated to pay all or part of the registration expense and a considerable period may elapse between the time it decides to seek registration and the time it may be permitted to sell a security under an effective registration statement. If, during such a period, adverse market conditions were to develop, the holder might obtain a less favorable price than prevailed when it decided to seek registration of the security.

Reverse Repurchase Agreements. In a reverse repurchase agreement, a fund sells a security to another party, such as a bank or broker-dealer, in return for cash and agrees to repurchase that security at an agreed-upon price and time. A Fidelity® fund may enter into reverse repurchase agreements with parties whose creditworthiness has been reviewed and found satisfactory by the fund's adviser. Such transactions may increase fluctuations in the market value of a fund's assets and, if applicable, a fund's yield, and may be viewed as a form of leverage.

Securities Lending. A Fidelity® fund may lend securities to parties such as broker-dealers or other institutions, including an affiliate, National Financial Services LLC (NFS). Securities lending allows a fund to retain ownership of the securities loaned and, at the same time, earn additional income. The borrower provides the fund with collateral in an amount at least equal to the value of the securities loaned. The fund seeks to maintain the ability to obtain the right to vote or consent on proxy proposals involving material events affecting securities loaned. If the borrower defaults on its obligation to return the securities loaned because of insolvency or other reasons, a fund could experience delays and costs in recovering the securities loaned or in gaining

access to the collateral. These delays and costs could be greater for foreign securities. If a fund is not able to recover the securities loaned, the fund may sell the collateral and purchase a replacement investment in the market. The value of the collateral could decrease below the value of the replacement investment by the time the replacement investment is purchased. For a Fidelity® fund, loans will be made only to parties deemed by the fund's adviser to be in good standing and when, in the adviser's judgment, the income earned would justify the risks.

The Fidelity® funds have retained agents, including NFS, an affiliate of the funds, to act as securities lending agent. If NFS acts as securities lending agent for a fund, it is subject to the overall supervision of the fund's adviser, and NFS will administer the lending program in accordance with guidelines approved by the fund's Trustees.

Cash received as collateral through loan transactions may be invested in other eligible securities, including shares of a money market fund. Investing this cash subjects that investment, as well as the securities loaned, to market appreciation or depreciation.

Securities of Other Investment Companies, including shares of closed-end investment companies (which include business development companies (BDCs)), unit investment trusts, and open-end investment companies, represent interests in professionally managed portfolios that may invest in any type of instrument. Investing in other investment companies involves substantially the same risks as investing directly in the underlying instruments, but may involve additional expenses at the underlying investment company-level, such as portfolio management fees and operating expenses. Fees and expenses incurred indirectly by a fund as a result of its investment in shares of one or more other investment companies generally are referred to as "acquired fund fees and expenses" and may appear as a separate line item in a fund's prospectus fee table. For certain investment companies, such as BDCs, these expenses may be significant. Certain types of investment companies, such as closed-end investment companies, issue a fixed number of shares that trade on a stock exchange or over-the-counter at a premium or a discount to their NAV. Others are continuously offered at NAV, but may also be traded in the secondary market.

The securities of closed-end funds may be leveraged. As a result, a fund may be indirectly exposed to leverage through an investment in such securities. An investment in securities of closed-end funds that use leverage may expose a fund to higher volatility in the market value of such securities and the possibility that the fund's long-term returns on such securities will be diminished.

A fund's ability to invest in securities of other investment companies may be limited by federal securities laws. To the extent a fund acquires securities issued by unaffiliated investment companies, the Adviser's access to information regarding such underlying fund's portfolio may be limited and subject to such fund's policies regarding disclosure of fund holdings.

Short Sales "Against the Box" are short sales of securities that a fund owns or has the right to obtain (equivalent in kind or amount to the securities sold short). If a fund enters into a short sale against the box, it will be required to set aside securities equivalent in kind and amount to the securities sold short (or securities convertible or exchangeable into such securities) and will be required to hold such securities while the short sale is outstanding.

Short sales against the box could be used to protect the NAV of a money market fund in anticipation of increased interest rates, without sacrificing the current yield of the securities sold short. A money market fund will incur transaction costs in connection with opening and closing short sales against the box. A fund (other than a money market fund) will incur transaction costs, including interest expenses, in connection with opening, maintaining, and closing short sales against the box.

Short Sales. Stocks underlying a fund's convertible security holdings can be sold short. For example, if a fund's adviser anticipates a decline in the price of the stock underlying a convertible security held by the fund, it may sell the stock short. If the stock price subsequently declines, the proceeds of the short sale could be expected to offset all or a portion of the effect of the stock's decline on the value of the convertible security. Fidelity® funds that employ this strategy generally intend to hedge no more than 15% of total assets with short sales on equity securities underlying convertible security holdings under normal circumstances.

A fund will be required to set aside securities equivalent in kind and amount to those sold short (or securities convertible or exchangeable into such securities) and will be required to hold them aside while the short sale is outstanding. A fund will incur transaction costs, including interest expenses, in connection with opening, maintaining, and closing short sales.

Sources of Liquidity or Credit Support. Issuers may employ various forms of credit and liquidity enhancements, including letters of credit, guarantees, swaps, puts, and demand features, and insurance provided by domestic or foreign entities such as banks and other financial institutions. An adviser and its affiliates may rely on their evaluation of the credit of the issuer or the credit of the liquidity or credit enhancement provider in determining whether to purchase or hold a security supported by such enhancement. In addition, an adviser and its affiliates may rely on their evaluation of the credit of the issuer or the credit of the liquidity or credit enhancement provider for purposes of making initial and ongoing minimal credit risk determinations for a money market fund. In evaluating the credit of a foreign bank or other foreign entities, factors considered may include whether adequate public information about the entity is available and whether the entity may be subject to unfavorable political or economic developments, currency controls, or other government restrictions that might affect its ability to honor its commitment. Changes in the credit quality of the issuer and/or entity providing the enhancement could affect the value of the security or a

fund's share price.

Sovereign Debt Obligations are issued or guaranteed by foreign governments or their agencies, including debt of Latin American nations or other developing countries. Sovereign debt may be in the form of conventional securities or other types of debt instruments such as loans or loan participations. Sovereign debt of developing countries may involve a high degree of risk, and may be in default or present the risk of default. Governmental entities responsible for repayment of the debt may be unable or unwilling to repay principal and pay interest when due, and may require renegotiation or rescheduling of debt payments. In addition, prospects for repayment of principal and payment of interest may depend on political as well as economic factors. Although some sovereign debt, such as Brady Bonds, is collateralized by U.S. Government securities, repayment of principal and payment of interest is not guaranteed by the U.S. Government.

Stripped Securities are the separate income or principal components of a debt security. The risks associated with stripped securities are similar to those of other debt securities, although stripped securities may be more volatile, and the value of certain types of stripped securities may move in the same direction as interest rates. U.S. Treasury securities that have been stripped by a Federal Reserve Bank are obligations issued by the U.S. Treasury.

Privately stripped government securities are created when a dealer deposits a U.S. Treasury security or other U.S. Government security with a custodian for safekeeping. The custodian issues separate receipts for the coupon payments and the principal payment, which the dealer then sells.

Because the SEC does not consider privately stripped government securities to be U.S. Government securities for purposes of Rule 2a-7, a fund must evaluate them as it would non-government securities pursuant to regulatory guidelines applicable to money market funds.

Structured Securities (also called "structured notes") are derivative debt securities, the interest rate on or principal of which is determined by an unrelated indicator. The value of the interest rate on and/or the principal of structured securities is determined by reference to changes in the value of a reference instrument (*e.g.*, a security or other financial instrument, asset, currency, interest rate, commodity, or index) or the relative change in two or more reference instruments. A structured security may be positively, negatively, or both positively and negatively indexed; that is, its value or interest rate may increase or decrease if the value of the reference instrument increases. Similarly, its value or interest rate may increase or decrease if the value of the reference instrument decreases. Further, the change in the principal amount payable with respect to, or the interest rate of, a structured security may be calculated as a multiple of the percentage change (positive or negative) in the value of the underlying reference instrument(s); therefore, the value of such structured security may be very volatile. Structured securities may entail a greater degree of market risk than other types of debt securities because the investor bears the risk of the reference instrument. Structured securities may also be more volatile, less liquid, and more difficult to accurately price than less complex securities or more traditional debt securities. In addition, because structured securities generally are traded over-the-counter, structured securities are subject to the creditworthiness of the counterparty of the structured security, and their values may decline substantially if the counterparty's creditworthiness deteriorates.

Commodity-linked notes are a type of structured note. Commodity-linked notes are privately negotiated structured debt securities indexed to the return of an index such as the Bloomberg Commodity Index Total ReturnSM, which is representative of the commodities market. They are available from a limited number of approved counterparties, and all invested amounts are exposed to the dealer's credit risk. Commodity-linked notes may be leveraged. For example, if a fund invests \$100 in a three-times leveraged commodity-linked note, it will exchange \$100 principal with the dealer to obtain \$300 exposure to the commodities market because the value of the note will change by a magnitude of three for every percentage change (positive or negative) in the value of the underlying index. This means a \$100 note may be worth \$70 if the commodity index decreased by 10 percent.

Temporary Defensive Policies. Each of VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio reserves the right to invest without limitation in preferred stocks and investment-grade debt instruments for temporary, defensive purposes.

VIP Investment Grade Bond Portfolio reserves the right to invest without limitation in investment-grade money market or short-term debt instruments for temporary, defensive purposes.

VIP Strategic Income Portfolio reserves the right to invest without limitation in investment-grade securities for temporary, defensive purposes.

VIP Government Money Market Portfolio reserves the right to hold a substantial amount of uninvested cash for temporary, defensive purposes.

Transfer Agent Bank Accounts. Proceeds from shareholder purchases of a Fidelity[®] fund may pass through a series of demand deposit bank accounts before being held at the fund's custodian. Redemption proceeds may pass from the custodian to the shareholder through a similar series of bank accounts.

If a bank account is registered to the transfer agent or an affiliate, who acts as an agent for the funds when opening, closing, and conducting business in the bank account, the transfer agent or an affiliate may invest overnight balances in the account in

repurchase agreements. Any balances that are not invested in repurchase agreements remain in the bank account overnight. Any risks associated with such an account are investment risks of the funds. A fund faces the risk of loss of these balances if the bank becomes insolvent.

Variable and Floating Rate Securities provide for periodic adjustments in the interest rate paid on the security. Variable rate securities provide for a specified periodic adjustment in the interest rate, while floating rate securities have interest rates that change whenever there is a change in a designated benchmark rate or the issuer's credit quality, sometimes subject to a cap or floor on such rate. Some variable or floating rate securities are structured with put features that permit holders to demand payment of the unpaid principal balance plus accrued interest from the issuers or certain financial intermediaries. For purposes of determining the maximum maturity of a variable or floating rate security, a fund's adviser may take into account normal settlement periods.

Warrants. Warrants are instruments which entitle the holder to buy an equity security at a specific price for a specific period of time. Changes in the value of a warrant do not necessarily correspond to changes in the value of its underlying security. The price of a warrant may be more volatile than the price of its underlying security, and a warrant may offer greater potential for capital appreciation as well as capital loss.

Warrants do not entitle a holder to dividends or voting rights with respect to the underlying security and do not represent any rights in the assets of the issuing company. A warrant ceases to have value if it is not exercised prior to its expiration date. These factors can make warrants more speculative than other types of investments.

When-Issued and Forward Purchase or Sale Transactions involve a commitment to purchase or sell specific securities at a predetermined price or yield in which payment and delivery take place after the customary settlement period for that type of security. Typically, no interest accrues to the purchaser until the security is delivered.

When purchasing securities pursuant to one of these transactions, the purchaser assumes the rights and risks of ownership, including the risks of price and yield fluctuations and the risk that the security will not be issued as anticipated. Because payment for the securities is not required until the delivery date, these risks are in addition to the risks associated with a fund's investments. If a fund remains substantially fully invested at a time when a purchase is outstanding, the purchases may result in a form of leverage. When a fund has sold a security pursuant to one of these transactions, the fund does not participate in further gains or losses with respect to the security. If the other party to a delayed-delivery transaction fails to deliver or pay for the securities, a fund could miss a favorable price or yield opportunity or suffer a loss.

A fund may renegotiate a when-issued or forward transaction and may sell the underlying securities before delivery, which may result in capital gains or losses for the fund.

A fund may also engage in purchases or sales of "to be announced" or "TBA" securities, which usually are transactions in which a fund buys or sells mortgage-backed securities on a forward commitment basis. A TBA transaction typically does not designate the actual security to be delivered and only includes an approximate principal amount. TBA trades can be used by a fund for investment purposes in order to gain exposure to certain securities, or for hedging purposes to adjust the risk exposure of a fund portfolio without having to restructure a portfolio. Purchases and sales of TBA securities involve risks similar to those discussed above for other when-issued and forward purchase and sale transactions. In addition, when a fund sells TBA securities, it incurs risks similar to those incurred in short sales. For example, when a fund sells TBA securities without owning or having the right to obtain the deliverable securities, it incurs a risk of loss because it could have to purchase the securities at a price that is higher than the price at which it sold them. Also, a fund may be unable to purchase the deliverable securities if the corresponding market is illiquid. In such transactions, the fund will set aside liquid assets in an amount sufficient to offset its exposure as long as the fund's obligations are outstanding.

Under the Federal Housing Finance Agency's "Single Security Initiative" intended to maximize liquidity for both Fannie Mae and Freddie Mac mortgage-backed securities in the TBA market, Fannie Mae and Freddie Mac expect to start issuing UMBS in place of their current separate offerings of TBA-eligible mortgage-backed securities. The effects of the issuance of UMBS on the TBA market are uncertain.

Zero Coupon Bonds do not make interest payments; instead, they are sold at a discount from their face value and are redeemed at face value when they mature. Because zero coupon bonds do not pay current income, their prices can be more volatile than other types of fixed-income securities when interest rates change. In calculating a fund's dividend, a portion of the difference between a zero coupon bond's purchase price and its face value is considered income.

In addition to the investment policies and limitations discussed above, a fund is subject to the additional operational risk discussed below.

Considerations Regarding Cybersecurity. With the increased use of technologies such as the Internet to conduct business, a fund's service providers are susceptible to operational, information security and related risks. In general, cyber incidents can result from deliberate attacks or unintentional events and may arise from external or internal sources. Cyber attacks include, but are not limited to, gaining unauthorized access to digital systems (e.g., through "hacking" or malicious software coding) for purposes of misappropriating assets or sensitive information; corrupting data, equipment or systems; or causing operational disruption. Cyber

attacks may also be carried out in a manner that does not require gaining unauthorized access, such as causing denial-of-service attacks on websites (i.e., efforts to make network services unavailable to intended users). Cyber incidents affecting a fund's manager, any sub-adviser and other service providers (including, but not limited to, fund accountants, custodians, transfer agents and financial intermediaries) have the ability to cause disruptions and impact business operations, potentially resulting in financial losses, interference with a fund's ability to calculate its NAV, impediments to trading, the inability of fund shareholders to transact business, destruction to equipment and systems, violations of applicable privacy and other laws, regulatory fines, penalties, reputational damage, reimbursement or other compensation costs, or additional compliance costs. Similar adverse consequences could result from cyber incidents affecting issuers of securities in which a fund invests, counterparties with which a fund engages in transactions, governmental and other regulatory authorities, exchange and other financial market operators, banks, brokers, dealers, insurance companies and other financial institutions (including financial intermediaries and service providers for fund shareholders) and other parties. In addition, substantial costs may be incurred in order to prevent any cyber incidents in the future.

While a fund's service providers have established business continuity plans in the event of, and risk management systems to prevent, such cyber incidents, there are inherent limitations in such plans and systems including the possibility that certain risks have not been identified. Furthermore, a fund cannot control the cyber security plans and systems put in place by its service providers or any other third parties whose operations may affect a fund or its shareholders. A fund and its shareholders could be negatively impacted as a result.

SPECIAL GEOGRAPHIC CONSIDERATIONS

Emerging Markets. Investments in companies domiciled in emerging market countries may be subject to potentially higher risks than investments in developed countries. These risks include: (i) less social, political, and economic stability; (ii) greater illiquidity and price volatility due to smaller or limited local capital markets for such securities, or low or non-existent trading volumes; (iii) foreign exchanges and broker-dealers may be subject to less oversight and regulation by local authorities; (iv) local governments may decide to seize or confiscate securities held by foreign investors, restrict an investor's ability to sell or redeem securities, decide to suspend or limit an issuer's ability to make dividend or interest payments; and/or may limit or entirely restrict repatriation of invested capital, profits, and dividends; (v) capital gains may be subject to local taxation, including on a retroactive basis; (vi) issuers facing restrictions on dollar or euro payments imposed by local governments may attempt to make dividend or interest payments to foreign investors in the local currency; (vii) investors may experience difficulty in enforcing legal claims related to the securities and/or local judges may favor the interests of the issuer over those of foreign investors; (viii) bankruptcy judgments may only be permitted to be paid in the local currency; (ix) limited public information regarding the issuer may result in greater difficulty in determining market valuations of the securities; and (x) infrequent financial reporting, substandard disclosure, and differences in accounting standards may make it difficult to ascertain the financial health of an issuer. In addition, unlike developed countries, many emerging countries' economic growth highly depends on exports and inflows of external capital, making them more vulnerable to the downturns of the world economy. The enduring low growth in the global economy has weakened the global demand for emerging market exports and tightened international credit supplies, highlighting the sensitivity of emerging economies to the performance of their trading partners. As the pace of economic growth in China declines and commodities continue to experience price volatility, emerging markets may face significant economic difficulties as demand for their exports weakens. Developing countries may also face disproportionately large exposure to the negative effects of climate change, due to both geography and a lack of access to technology to adapt to its effects, which could include increased frequency and severity of natural disasters and extreme weather events such as droughts, rising sea levels, decreased crop yields, and increased spread of disease, all of which could harm performance of affected economies. Given the particular vulnerability of emerging market countries to the effects of climate change, disruptions in international efforts to address climate-related issues may have a disproportionate impact on developing countries.

Many emerging market countries suffer from uncertainty and corruption in their legal frameworks. Legislation may be difficult to interpret or laws may be too new to provide any precedential value. Laws regarding foreign investment and private property may be weak, not enforced consistently, or non-existent. Sudden changes in governments or the transition of regimes may result in policies that are less favorable to investors such as the imposition of price controls or policies designed to expropriate or nationalize "sovereign" assets. Certain emerging market countries in the past have expropriated large amounts of private property, in many cases with little or no compensation, and there can be no assurance that such expropriation will not occur in the future.

The United States, other nations, or other governmental entities (including supranational entities) could impose sanctions on a country involved in such conflicts that limit or restrict foreign investment, the movement of assets or other economic activity in that country. In addition, an imposition of sanctions upon certain issuers in a country could have a materially adverse effect on the value of such companies' securities, delay a fund's ability to exercise certain rights as security holder, and/or impair a fund's ability to meet its investment objectives. A fund may be prohibited from investing in securities issued by companies subject to such sanctions and may be required to freeze its existing investments in those companies, prohibiting the fund from selling or otherwise transacting in these investments. Such sanctions, or other intergovernmental actions that may be taken in the future, may result in the devaluation of the country's currency, a downgrade in the country's credit rating, and/or a decline in the value and liquidity of impacted company stocks.

Many emerging market countries in which a fund may invest lack the social, political, and economic stability characteristic exhibited by developed countries. Political instability among emerging market countries can be common and may be caused by an uneven distribution of wealth, governmental corruption, social unrest, labor strikes, civil wars, and religious oppression. Economic instability in emerging market countries may take the form of: (i) high interest rates; (ii) high levels of inflation, including hyperinflation; (iii) high levels of unemployment or underemployment; (iv) changes in government economic and tax policies, including confiscatory taxation (or taxes on foreign investments); and (v) imposition of trade barriers.

Currencies of emerging market countries are subject to significantly greater risks than currencies of developed countries. Some emerging market currencies may not be internationally traded or may be subject to strict controls by local governments, resulting in undervalued or overvalued currencies. Some emerging market countries have experienced balance of payment deficits and shortages in foreign exchange reserves, which has resulted in some governments restricting currency conversions. Future restrictive exchange controls could prevent or restrict a company's ability to make dividend or interest payments in the original currency of the obligation (usually U.S. dollars). In addition, even though the currencies of some emerging market countries may be convertible into U.S. dollars, the conversion rates may be artificial relative to their actual market values.

Governments of many emerging market countries have become overly reliant on the international capital markets and other forms of foreign credit to finance large public spending programs that cause huge budget deficits. Often, interest payments have become too overwhelming for these governments to meet, as these payments may represent a large percentage of a country's total GDP. Accordingly, these foreign obligations have become the subject of political debate within emerging market countries, which has resulted in internal pressure for such governments to not make payments to foreign creditors, but instead to use these funds for social programs. As a result of either an inability to pay or submission to political pressure, the governments sought to restructure their loan and/or bond obligations, have declared a temporary suspension of interest payments, or defaulted (in part or full) on their outstanding debt obligations. These events have adversely affected the values of securities issued by the governments and corporations domiciled in these emerging market countries and have negatively affected not only their cost of borrowing, but their ability to borrow in the future as well. Emerging markets have also benefited from continued monetary policies adopted by the central banks of developed countries. In recent years, interest rates in the U.S. and certain European countries have been at or near historically low levels. The U.S. Federal Reserve has begun, and may continue, to raise interest rates. To the extent the Federal Reserve Board continues to raise interest rates, there is a risk that rates across the global financial system may rise.

In addition to their continued reliance on international capital markets, many emerging economies are also highly dependent on international trade and exports, including exports of oil and other commodities. As a result, these economies are particularly vulnerable to downturns of the world economy. In recent years, emerging market economies have been subject to tightened international credit supplies and weakened global demand for their exports and, as a result, certain of these economies faced significant difficulties and some economies face recessionary concerns. Over the last decade, emerging market countries, and companies domiciled in such countries, have acquired significant debt levels. Any further increase in U.S. interest rates could restrict the access to relatively inexpensive credit supplies and jeopardize the ability of emerging market countries to pay their respective debt service obligations. Although certain emerging market economies have shown signs of growth and recovery, continued growth is dependent on the uncertain economic outlook of China, Japan, the European Union, and the United States. The reduced demand for exports and lack of available capital for investment resulting from the European debt crisis, a slowdown in China, and persistent low growth in the global economy may inhibit growth for emerging market countries.

Canada.

Political. Canada's parliamentary system of government is, in general, stable. Quebec does have a "separatist" opposition party whose objective is to achieve sovereignty and increased self-governing legal and financial powers for the province. To date, referendums on Quebec sovereignty have not been successful. If a referendum in favor of the independence of Quebec were successful, the Canadian federal government may be obliged to negotiate with Quebec.

Economic. Canada is a major producer of commodities such as forest products, metals, agricultural products, and energy related products like oil, gas, and hydroelectricity. Accordingly, events affecting the supply and demand of base commodity resources and industrial and precious metals and materials, both domestically and internationally, can have a significant effect on Canadian market performance.

The United States is Canada's largest trading partner and developments in economic policy and U.S. market conditions have a significant impact on the Canadian economy. The economic and financial integration of the United States, Canada, and Mexico through the North American Free Trade Agreement (NAFTA) may make the Canadian economy and securities market more sensitive to North American trade patterns. Any disruption in the continued operation of NAFTA, or its recently negotiated successor – the United States-Mexico-Canada Agreement – may have a significant and adverse impact on Canada's economic outlook and the value of a fund's investments in Canada.

Growth has continued to slow in recent years for certain sectors of the Canadian economy, particularly energy extraction and manufacturing. Forecasts on growth remain modest, especially as the prices for commodities, in particular oil, have fallen in recent years, adversely affecting the Canadian economy. Furthermore, enduring volatility in the strength of the Canadian dollar

may negatively impact Canada's ability to export, which could limit Canada's economic growth.

Europe. The European Union (EU) is an intergovernmental and supranational union of European countries spanning the continent, each known as a member state. One of the key activities of the EU is the establishment and administration of a common single market, consisting of, among other things, a common trade policy. In order to further the integration of the economies of member states, member states established, among other things, the European Economic and Monetary Union (EMU), a collection of policies that set out different stages and commitments that member states need to follow to achieve greater economic policy coordination and monetary cooperation, including the adoption of a single currency, the euro. While all EU member states participate in the economic union, only certain EU member states have adopted the euro as their currency. When a member state adopts the euro as its currency, the member state no longer controls its own monetary policies. Instead, the authority to direct monetary policy is exercised by the European Central Bank (ECB).

While economic and monetary convergence in the EU may offer opportunities for those investing in the region, investors should be aware that the success of the EU is not wholly assured. European countries can be significantly affected by the tight fiscal and monetary controls that the EU governing institutions may impose on its members or with which candidates for EMU membership are required to comply. Europe must grapple with a number of challenges, any one of which could threaten the sustained economic growth, regulatory efficiency, or political survival of the political and economic union. The countries adopting the euro must adjust to a unified monetary system, which has resulted in the loss of exchange rate flexibility and some degree of economic sovereignty. Europe's economies are diverse, governance is decentralized, and its cultures differ widely. Unemployment in some European countries has historically been higher than in the United States, and a number of countries continue to face abnormally high unemployment levels, particularly for younger workers, which could pose a political risk. Many EU nations are susceptible to the economic risks associated with high levels of debt. Member states may seek to exit the EU, encouraging further separatism as well as threatening economic stability and regulatory and business continuity, as exemplified by the United Kingdom's 2016 vote to leave the EU. The EU continues to face major issues involving its membership, structure, procedures and policies, including the successful political, economic and social integration of new member states, the EU's resettlement and distribution of refugees, and resolution of the EU's problematic fiscal and democratic accountability. Efforts of the member states to continue to unify their economic and monetary policies may increase the potential for similarities in the movements of European markets and reduce the benefit of diversification within the region.

Political. Over the last two decades, the EU has extended its membership and influence to the countries of eastern Europe. It has accepted several Eastern European countries as new members, and has engaged with several other countries regarding future enlargement. Membership for these states is intended to, among other things, cement economic and political stability across the region. For these countries, membership serves as a strong political impetus to engage in regulatory and political reforms and to employ tight fiscal and monetary policies. Nevertheless, certain new member states, particularly former satellites of the former Soviet Union, remain burdened to various extents by certain infrastructural, bureaucratic, and business inefficiencies inherited from their history of economic central planning. Further expansion of the EU has long-term economic benefits for both member states and potential expansion candidates. However, certain European countries are not viewed as currently suitable for membership, especially countries further east with less developed economies. Also, as the EU continues to enlarge, the candidate countries' accessions may grow more controversial. Some member states may reject the accession of certain candidate countries on concerns about the possible economic, immigration, and cultural implications that may result from such enlargement. The current and future status of the EU therefore continues to be the subject of political controversy, with widely differing views both within and between member states. The growth of nationalist and populist parties in both national legislatures and the European Parliament may further threaten enlargement, and impede both national and supranational governance.

The EU also faces a significant threat from member states seeking to leave the EU. In 2016, the United Kingdom held a popular referendum in which it voted to leave the EU. The full effect, and unforeseen collateral consequences, of the so-called "Brexit" vote remain unclear, particularly with respect to the withdrawal process and the outcome of negotiations of a new relationship between the United Kingdom and the EU. Further, the United Kingdom vote to leave the EU signals potential vulnerability of the EU and its component member states that may experience similar separatist movements in the future. The pending exit by the United Kingdom, as well as the possibility of similar initiatives in other EU member states, continue to cause significant uncertainty over the returns of investments in both the United Kingdom and other EU member states.

An increasingly assertive Russia poses its own set of risks for the EU. Opposition to EU expansion to members of the former Soviet bloc may prompt more intervention by Russia in the affairs of its neighbors, as seen in Ukraine since 2014 and Georgia in 2008. This interventionist stance may carry various negative consequences, including direct effects, such as export restrictions on Russia's natural resources, Russian support for separatist groups or pro-Russian parties located in EU countries, or externalities of ongoing conflict, such as an influx of refugees from Ukraine and Syria, or collateral damage to foreign assets in conflict zones, all of which could negatively impact EU economic activity.

It is possible that, as wealth and income inequality grow both within and between individual member states, socioeconomic and political tensions may be exacerbated. The potential direct and indirect consequences of this growing gap may be substantial.

The transition to a more unified economic system also brings significant uncertainty. Significant political decisions will

be made that may affect market regulation, subsidization, and privatization across all industries, from agricultural products to telecommunications, that may have unpredictable effects on member states and companies within those states.

The influx of migrants and asylum seekers, primarily from Africa and the Middle East, also poses certain risks to the EU. Ongoing conflicts around the world, particularly the civil war in Syria, and economic hardship across Africa and the developing world have produced an outflow of refugees and migrants seeking resettlement in the EU. Resettlement itself may be costly for individual member states, particularly those border countries on the periphery of the EU where migrants first enter. In addition, pressing questions over accepting, processing and distributing migrants have been a significant source of intergovernmental disagreements and could pose significant dangers to the integrity of the EU.

Economic. As economic conditions across member states may vary widely, there is continued concern about national-level support for the euro and the accompanying coordination of fiscal and wage policy among EMU member states. Member states must maintain tight control over inflation, public debt, and budget deficits in order to qualify for participation in the euro. These requirements severely limit EMU member states' ability to implement fiscal policy to address regional economic conditions. Moreover, member states that use the euro cannot devalue their currencies in the face of economic downturn, precluding them from stoking inflation to reduce their real debt burden and potentially rendering their exports less competitive.

As negotiations related to the United Kingdom's withdrawal from the EU are ongoing, there is significant economic and regulatory uncertainty that has resulted in volatile markets for the United Kingdom and broader international financial markets. While the long-term effects of the United Kingdom's withdrawal remain unclear, in the short term, financial markets may experience, among other things, greater volatility and/or illiquidity, currency fluctuations, and a decline in cross-border investment between the United Kingdom and the EU. The short- and long-term effect of the withdrawal and subsequent relationship re-negotiation may negatively impact a fund's investment in the region.

The global financial crisis of 2008-2009 brought several small countries in Europe to the brink of sovereign default. Many other economies fell into recession, decreasing tax receipts and widening budget deficits. In response, many countries of Europe have implemented fiscal austerity, decreasing discretionary spending in an attempt to decrease their budget deficits. However, many European governments continue to face high levels of public debt and substantial budget deficits, some with shrinking government expenditures, which hinder economic growth in the region and may still threaten the continued viability of the EMU. Due to these large public deficits, some European issuers may continue to have difficulty accessing capital and may be dependent on emergency assistance from European governments and institutions to avoid defaulting on their outstanding debt obligations. The availability of such assistance, however, may be contingent on an issuer's implementation of certain reforms or reaching a required level of performance, which may increase the possibility of default. Such prospects could inject significant volatility into European markets, which may reduce the liquidity or value of a fund's investments in the region. Likewise, the high levels of public debt raise the possibility that certain European issuers may be forced to restructure their debt obligations, which could cause a fund to lose the value of its investments in any such issuer.

The legacy of the global financial crisis of 2008-2009, the European sovereign debt crisis, and the ongoing recession in parts of Europe have left the banking and financial sectors of many European countries weakened and, in some cases, fragile. Many institutions remain saddled with high default rates on loans, still hold assets of indeterminate value, and have been forced to maintain higher capital reserves under new regulations. This has led to decreased returns from finance and banking directly, and has constricted the sector's ability to lend, thus potentially reducing future returns and constricting economic growth. Further reducing the returns to the banking sector have been the historically low interest rates in Europe prompted by the ECB's expanded asset purchase program. However, the asset purchase program is but one of the ECB's policy actions in response to the European sovereign debt crisis and persistent economic stagnation. The ECB has sought to spur economic growth and ward off deflation by engaging in quantitative easing, lowering the ECB's benchmark rate into negative territory, and opening a liquidity channel to encourage bank lending.

Ongoing regulatory uncertainty could have a negative effect on the value of a fund's investments in the region. Governments across the EMU are facing increasing opposition to certain measures taken in response to the recent economic crises. In light of such uncertainty, the risk that certain member states will abandon the euro persists, and any such occurrence would likely have wide-ranging effects on global markets that are difficult to predict. However, these effects would likely have a negative impact on a fund's investments in the region.

Although some European economies have begun to show more sustained economic growth, the ongoing debt crisis, political and regulatory responses to the financial crisis and uncertainty over the future of the EMU and the EU itself may continue to limit short-term growth and economic recovery in the region. Some countries have experienced prolonged stagnation or returns to recession, raising the possibility that other European economies could follow suit. Economic challenges facing the region include high levels of public debt, significant rates of unemployment, aging populations, heavy regulation of non-financial businesses, persistent trade deficits, rigid labor markets, and inability to access credit. Although certain of these challenges may weigh more heavily on some European economies than others, the economic integration of the region increases the likelihood that an economic downturn in one country may spread to others. Should Europe fall into another recession, the value of a fund's investments in the region may be affected.

Currency. Investing in euro-denominated securities (or securities denominated in other European currencies) entails risk of being exposed to a currency that may not fully reflect the strengths and weaknesses of the disparate European economies. In addition, many European countries rely heavily upon export-dependent businesses and significant change in the exchange rate between the euro and the U.S. dollar can have either a positive or a negative effect upon corporate profits and the performance of EU investments. If one or more countries abandon the use of the euro as a currency, the value of investments tied to those countries or the euro could decline significantly. In addition, foreign exchange markets have recently experienced sustained periods of high volatility, subjecting a fund's foreign investments to additional risks.

Nordic Countries. The Nordic countries – Iceland, Denmark, Finland, Norway, and Sweden – relate to European integration in different ways. Norway and Iceland are outside the EU, although they are members of the European Economic Area. Denmark, Finland, and Sweden are EU members, but only Finland has adopted the euro as its currency, while Denmark has pegged its currency to the euro. Faced with stronger global competition, some Nordic countries have had to scale down their historically generous welfare programs, resulting in drops in domestic demand and increased unemployment. Economic growth in many Nordic countries continues to be constrained by tight labor markets and adverse European and global economic conditions, particularly the volatility in global commodity demand. The Nordic countries' manufacturing sector has experienced continued contraction due to outsourcing and flagging demand, spurring increasing unemployment. Furthermore, the protracted recovery due to the ongoing European debt crisis and persistent low growth in the global economy may limit the growth prospects of the Nordic economies.

Eastern Europe. Investing in the securities of Eastern European issuers is highly speculative and involves risks not usually associated with investing in the more developed markets of Western Europe. Political and economic reforms are too recent to establish a definite trend away from centrally planned economies and state-owned industries. Investments in Eastern European countries may involve risks of nationalization, expropriation, and confiscatory taxation.

Many Eastern European countries continue to move towards market economies at different paces with varying characteristics. Many Eastern European markets suffer from thin trading activity, dubious investor protections, and often a lack of reliable corporate information. Information and transaction costs, differential taxes, and sometimes political, regulatory, or transfer risk may give a comparative advantage to the domestic investor rather than the foreign investor. In addition, these markets are particularly sensitive to social, political, economic, and currency events in Western Europe and Russia and may suffer heavy losses as a result of their trading and investment links to these economies and their currencies. In particular, the disruption to the Russian economy as a result of sanctions imposed by the United States and EU in connection with Russia's involvement in Ukraine may hurt Eastern European economies with close trade links to Russia. Russia may also attempt to directly assert its influence in the region through coercive use of its economic, military, and natural resources.

In some of the countries of Eastern Europe, there is no stock exchange or formal market for securities. Such countries may also have government exchange controls, currencies with no recognizable market value relative to the established currencies of Western market economies, little or no experience in trading in securities, weak or nonexistent accounting or financial reporting standards, a lack of banking and securities infrastructure to handle such trading and a legal tradition without strongly defined property rights. Due to the value of trade and investment between Western Europe and Eastern Europe, credit and debt issues and other economic difficulties affecting Western Europe and its financial institutions can negatively affect Eastern European countries.

Eastern European economies may also be particularly susceptible to the volatility of the international credit market due to their reliance on bank related inflows of foreign capital. Although many Eastern European economies have experienced modest growth for several periods due, in part, to external demand, tighter labor markets, and the attraction of foreign investment, major challenges persist as a result of their continued dependence on Western European countries for credit and trade. Accordingly, the European crisis may present serious risks for Eastern European economies, which may have a negative effect on a fund's investments in the region.

Several Eastern European countries on the periphery of the EU have recently been the destination for a surge of refugees and migrants fleeing global conflict zones, particularly the civil war in Syria and economic hardship across Africa and the developing world. While these countries have borne many of the direct costs of managing the flow of refugees and migrants seeking resettlement in Europe, they have also faced significant international criticism over their treatment of migrants and refugees which may affect foreign investor confidence in the attractiveness of such markets.

Japan. Japan continues to recover from recurring recessionary forces that have negatively impacted Japan's economic growth over the last decade. Despite signs of economic growth in recent years, Japan is still vulnerable to persistent underlying systemic risks. For instance, Japan continues to face massive government debt, an aging and shrinking of the population, an uncertain financial sector, low domestic consumption, and certain corporate structural weaknesses, which remain some of the major long-term problems of the Japanese economy.

Overseas trade is important to Japan's economy and its economic growth is significantly driven by its exports. Meanwhile, Japan's aging and shrinking population increases the cost of the country's pension and public welfare system and lowers domestic

demand, making Japan more dependent on exports to sustain its economy. Therefore, any developments that negatively affect Japan's exports could present risks to a fund's investments in Japan. For example, domestic or foreign trade sanctions or other protectionist measures could harm Japan's economy. In addition, currency fluctuations may also significantly affect Japan's economy, as a stronger yen would negatively impact Japan's ability to export. Likewise, any escalation of tensions in the region, including disruptions caused by political tensions with North Korea or territorial disputes with Japan's major trading partners, may adversely impact Japan's economic outlook. Japan is also particularly susceptible to the effects of declining growth rates in China, Japan's largest export market. Given that China is a large importer of Japanese goods and is a significant source of global economic growth, a continued Chinese slowdown may negatively impact Japanese economic growth both directly and indirectly. Similarly, the European debt crisis and persistent low growth in the global economy could present additional risks to a fund's investments in Japan.

Japan's economic recovery has been affected by economic stress resulting from a number of natural disasters, including disasters that caused damage to nuclear power plants in the region, which have introduced volatility into Japan's financial markets. In response to these events, the government has injected capital into the economy and reconstruction efforts in disaster-affected areas in order to stimulate economic growth. The risks of natural disasters of varying degrees, such as earthquakes and tsunamis, continue to persist. The full extent of the impact of recurring natural disasters on Japan's economy and foreign investment in Japan is difficult to estimate.

Although Japanese banks are stable, maintaining large capital bases, they continue to face difficulties generating profits. In recent years, Japan has employed a program of monetary loosening, fiscal stimulus, and growth-oriented structural reform, which has generated limited success in raising growth rates. Although Japan's central bank has continued its quantitative easing program, there is no guarantee such efforts will be sufficient or that additional stimulus policies will not be necessary in the future. Furthermore, the long term potential of this strategy remains uncertain, as the slow growth following the first of two planned increases in Japan's consumption tax put the second round of increases in doubt.

Asia Pacific Region (ex Japan). Many countries in the region have historically faced political uncertainty, corruption, military intervention, and social unrest. Examples include military threats on the Korean peninsula and along the Taiwan Strait, the ethnic, sectarian, extremist, and/or separatist violence found in Indonesia and the Philippines, and the nuclear arms threats between India and Pakistan. To the extent that such events continue in the future, they can be expected to have a negative effect on economic and securities market conditions in the region. In addition, the Asia Pacific geographic region has historically been prone to natural disasters. The occurrence of a natural disaster in the region could negatively impact the economy of any country in the region.

Economic. The economies of many countries in the region are heavily dependent on international trade and are accordingly affected by protective trade barriers and the economic conditions of their trading partners, principally, the United States, Japan, China, and the European Union. The countries in this region are also heavily dependent on exports and are thus particularly vulnerable to any weakening in global demand for these products. Many countries in the region are economically reliant on a wide range of commodity exports. Consequently, countries in this region have been adversely affected by the persistent volatility in global commodity prices and are particularly susceptible to declines in growth rates in China. Additionally, countries in this region have experienced high debt levels, an issue that is being compounded by weakened local currencies. Although the economies of many countries in the region have exhibited signs of growth, such improvements, if sustained, may be gradual. Furthermore, any such growth may be limited or hindered by the reduced demand for exports due to a continued economic slowdown in China, which could significantly reduce demand for the natural resources many Asia Pacific economies export. Because China has been such a major source of demand for raw materials and a supplier of foreign direct investment to exporting economies, the slowdown of the Chinese economy could significantly affect regional growth. In addition, the trading relationship between China and a number of Asia Pacific countries has been strained by the geopolitical conflict created by competing territorial claims in the South China Sea, which has created diplomatic tension in the region that may adversely impact the economies of the affected countries. Regional growth may also be limited by lack of available capital for investment resulting from the European debt crisis and persistent low growth in the global economy, as well as increases in interest rates and the tapering of other monetary policies adopted by the central banks of developed countries.

The Republic of Korea (South Korea). Investing in South Korea involves risks not typically associated with investing in the U.S. securities markets. Investments in South Korea are, in part, dependent on the maintenance of peaceful relations with North Korea, on both a bilateral and global basis. Relations between the two countries remain tense, as exemplified in periodic acts of hostility, and the possibility of serious military engagement still exists. Any escalation in hostility, initiation of military conflict, or collateral consequences of internal instability within North Korea would likely cause a substantial disruption in South Korea's economy, as well as the region as a whole.

South Korea's economic reliance on international trade makes it highly sensitive to fluctuations in international commodity prices, currency exchange rates and government regulation, and vulnerable to downturns of the world economy. South Korea has experienced modest economic growth in recent years, such continued growth may slow due, in part, to a continued economic slowdown in China. South Korea is particularly sensitive to the economic volatility of its four largest export markets (the European Union, Japan, United States, and China), which all face varying degrees of economic uncertainty, including persistent low growth

rates. The economic weakness of South Korea's most important trading partners could stifle demand for South Korean exports and damage its own economic growth outlook. In particular, given that China is both a large importer of South Korean goods and a significant source of global demand, a continued Chinese slowdown may, directly or indirectly, negatively impact South Korean economic growth. The South Korean economy's long-term challenges include a rapidly aging population, inflexible labor market, dominance of large conglomerates, and overdependence on exports to drive economic growth.

China Region. The China Region encompasses the People's Republic of China, Taiwan, and Hong Kong. The region is highly interconnected and interdependent, with relationships and tensions built on trade, finance, culture, and politics. The economic success of China will continue to have an outsized influence on the growth and prosperity of both Taiwan and Hong Kong.

Although the People's Republic of China has experienced three decades of unprecedented growth, it now faces a slowing economy that is due, in part, to China's effort to shift away from an export-driven economy. Other contributing factors to the slowdown include lower-than-expected industrial output growth, reductions in consumer spending, and a decline in the real estate market, which many observers believed to be inflated. Further, local governments, which had borrowed heavily to bolster growth, face high debt burdens and limited revenue sources. Demand for Chinese exports by Western countries, including the United States and Europe, may weaken due to the effects of weakened economic growth in those countries resulting from the European debt crisis and persistent low growth in the global economy. Additionally, Chinese land reclamation projects, actions to lay claim to disputed islands, and China's attempt to assert territorial claims in the South China Sea have caused strains in China's relationship with various regional trading partners, and could cause further disruption to regional trade. In the long term, China's ability to develop and sustain a credible legal, regulatory, monetary, and socioeconomic system could influence the course of foreign investment in China.

Hong Kong is closely tied to China, economically and politically, following the United Kingdom's 1997 handover of the former colony to China to be governed as a Special Administrative Region. Changes to Hong Kong's legal, financial, and monetary system could negatively impact its economic prospects. Hong Kong's evolving relationship with the central government in Beijing has been a source of political unrest and may result in economic disruption.

Although many Taiwanese companies heavily invest in China, a state of hostility continues to exist between China and Taiwan. Taiwan's political stability and ability to sustain its economic growth could be significantly affected by its political and economic relationship with China. Although economic and political relations have both improved, Taiwan remains vulnerable to both Chinese territorial ambitions and economic downturns.

In addition to the risks inherent in investing in the emerging markets, the risks of investing in China, Hong Kong, and Taiwan merit special consideration.

People's Republic of China. China's economy has transitioned from a rigidly central-planned state-run economy to one that has been only partially reformed by more market-oriented policies. Although the Chinese government has implemented economic reform measures, reduced state ownership of companies and established better corporate governance practices, a substantial portion of productive assets in China are still owned or controlled by the Chinese government. The government continues to exercise significant control over regulating industrial development and, ultimately, control over China's economic growth, both through direct involvement in the market through state owned enterprises, and indirectly by allocating resources, controlling access to credit, controlling payment of foreign currency-denominated obligations, setting monetary policy and providing preferential treatment to particular industries or companies.

After many years of steady growth, the growth rate of China's economy has declined relative to prior years. Although this slowdown may have been influenced by the government's desire to stop certain sectors from overheating, and to shift the economy from one based on low cost export manufacturing to a model driven more by domestic consumption, it holds significant economic, social and political risks. For one, the real estate market, once rapidly growing in major cities, has slowed down and may prompt government intervention to prevent collapse. Additionally, local government debt is still very high, and local governments have few viable means to raise revenue, especially with continued declines in demand for housing. Moreover, although China has tried to restructure its economy towards consumption, it remains heavily dependent on exports and is, therefore, susceptible to downturns abroad which may weaken demand for its exports and reduced foreign investments in the country. China's economy is heavily dependent on export growth. Reduction in spending on Chinese products and services, institution of tariffs or other trade barriers or a downturn in any of the economies of China's key trading partners may have an adverse impact on the securities of Chinese issuers. In particular, the economy faces the prospect of prolonged weakness in demand for Chinese exports as its major trading partners, such as the United States, Japan, and Europe, continue to experience economic uncertainty stemming from the European debt crisis and persistent low growth in the global economy, among other things. The current political climate has intensified concerns about trade tariffs and a potential trade war between China and the United States. These consequences may trigger a significant reduction in international trade, the oversupply of certain manufactured goods, substantial price reductions of goods and possible failure of individual companies and/or large segments of China's export industry with a potentially negative impact to a fund. Over the long term, China's aging infrastructure, worsening environmental conditions, rapid and inequitable urbanization, and quickly widening urban and rural income gap, which all carry political and economic implications, are among the country's major challenges. China also faces problems of domestic unrest and provincial separatism. Additionally, the Chinese

economy may be adversely affected by diplomatic developments, the imposition of economic sanctions, changes in international trading patterns, trade barriers, and other protectionist or retaliatory measures.

Chinese territorial claims are another source of tension and present risks to diplomatic and trade relations with certain of China's regional trade partners. Actions by the Chinese government, such as its land reclamation projects, assertion of territorial claims in the South China Sea, and the establishment of an Air Defense Identification Zone over disputed islands, raises the fear of both accidental military conflict, and that Chinese territorial claims may result in international reprisal. Such a reprisal may reduce international demand for Chinese goods and services or cause a decline in foreign direct investment, both of which could have a negative effect on a fund's investments in the securities of Chinese issuers.

As with all transition economies, China's ability to develop and sustain a credible legal, regulatory, monetary, and socioeconomic system could influence the course of outside investment. The Chinese legal system, in particular, constitutes a significant risk factor for investors. Since the late 1970s, Chinese legislative bodies have promulgated laws and regulations dealing with various economic matters such as foreign investment, corporate organization and governance, commerce, taxation, and trade. However, despite the expanding body of law in China, legal precedent and published court decisions based on these laws are limited and non-binding. The interpretation and enforcement of these laws and regulations are uncertain, and investments in China may not be subject to the same degree of legal protection as in other developed countries.

China continues to limit direct foreign investments generally in industries deemed important to national interests. Foreign investment in domestic securities is also subject to substantial restrictions, although Chinese regulators have begun to introduce new programs through which foreign investors can gain direct access to certain Chinese securities markets. For instance, Chinese regulators have implemented a program that will permit direct foreign investment in permissible products (which include cash bonds) traded on the China inter-bank bond market ("CIBM") in compliance with the relevant rules established by applicable Chinese regulators. While CIBM is relatively large and trading volumes are generally high, the market remains subject to similar risks as fixed income securities markets in other developing countries. As foreign investment access to CIBM is relatively new and its rules may be materially amended as the program continues to develop, it is uncertain how this program will impact economic growth within China.

Securities listed on China's two main stock exchanges are divided into two classes. One of the two classes is limited to domestic investors (and a small group of qualified international investors), while the other is available to both international and domestic investors. Although the Chinese government has announced plans to merge the two markets, it is uncertain whether and to what extent such a merger will take place. The existing bifurcated system raises liquidity and stability concerns.

Investments in securities listed and traded through the Shanghai-Hong Kong Stock Connect and Shenzhen-Hong Kong Stock Connect programs ("Stock Connect Programs") involve unique risks. The Stock Connect Programs are relatively new and there is no guarantee that they will continue. Trading through Stock Connect Programs is subject to daily quotas that limit the maximum daily net purchases and daily limits on permitted price fluctuations. Trading suspensions are more likely in these markets than in many other global equity markets. There can be no assurance that a liquid market on an exchange will exist. In addition, investments made through Stock Connect Programs are subject to comparatively untested trading, clearance and settlement procedures. Stock Connect Programs are available only on days when markets in both China and Hong Kong are open. A fund's ownership interest in securities traded through the Stock Connect Programs will not be reflected directly, and thus a fund may have to rely on the ability or willingness of a third party to enforce its rights. Investments in Stock Connect Program A-shares are generally subject to Chinese securities regulations and listing rules, among other restrictions. Hong Kong investor compensation funds, which protect against trade defaults, are unavailable when investing through Stock Connect Programs. Uncertainties in Chinese tax rules could also result in unexpected tax liabilities for the fund.

Currency fluctuations could significantly affect China and its trading partners. China continues to exercise control over the value of its currency, rather than allowing the value of the currency to be determined by market forces. This type of currency regime may experience sudden and significant currency adjustments, which may adversely impact investment returns. One such currency adjustment occurred in 2015, in which China purposefully devalued the yuan in an effort to bolster economic growth. However, the government has taken steps to internationalize its currency. This policy change is driven, in part, by the government's desire for the yuan's inclusion in the basket of currencies that comprise the International Monetary Fund's Special Drawing Rights, which will establish the currency's status as a reserve currency.

Chinese companies, particularly those located in China, may be smaller and less seasoned. China may lack, or have different, accounting and financial reporting standards, which may result in the unavailability of material information about Chinese issuers. Additionally, China's stock market has experienced tumult and high volatility, which has prompted the Chinese government to implement a number of policies and restrictions with regards to the securities market. While China may take actions aimed at maintaining growth and stability in the stock market, investors in Chinese securities may be negatively affected by, among other things, disruptions in the ability to sell securities for compliance with investment objectives or when most advantageous given market conditions. It is not clear what the long-term effect of such policies would be on the securities market in China or whether additional actions by the government will occur in the future.

Hong Kong. In 1997, the United Kingdom handed over control of Hong Kong to the People's Republic of China. Since that time, Hong Kong has been governed by a quasi-constitution known as the Basic Law, while defense and foreign affairs are the responsibility of the central government in Beijing. The chief executive of Hong Kong is appointed by the Chinese government. However, Hong Kong is able to participate in international organizations and agreements and it continues to function as an international financial center, with no exchange controls, free convertibility of the Hong Kong dollar and free inward and outward movement of capital. The Basic Law also guarantees existing freedoms, including the freedom of speech, assembly, press, and religion, as well as the right to strike and travel. Business ownership, private property, the right of inheritance and foreign investment are also protected by law. By treaty, China has committed to preserve Hong Kong's high degree of autonomy in certain matters until 2047. However, as demonstrated by Hong Kong protests in recent years over political, economic, and legal freedoms, and the Chinese government's response to them, there continues to exist political uncertainty within Hong Kong and there is no guarantee that additional protests will not arise in the future.

Hong Kong has experienced strong economic growth in recent years due, in part, to its close ties with China and a strong service sector, but Hong Kong still faces concerns over overheating in certain sectors of its economy, such as its real estate market, which could limit Hong Kong's future growth. In addition, due to Hong Kong's heavy reliance on international trade and global financial markets, Hong Kong remains exposed to significant risks as a result of the European debt crisis and persistent low growth in the global economy. Likewise, due to Hong Kong's close political and economic ties with China, a continued economic slowdown on the mainland could continue to have a negative impact on Hong Kong's economy.

Taiwan. For decades, a state of hostility has existed between Taiwan and the People's Republic of China. China has long deemed Taiwan a part of the "one China" and has made a nationalist cause of reuniting Taiwan with mainland China. In the past, China has staged frequent military provocations off the coast of Taiwan and made threats of full-scale military action. However, tensions have lowered, exemplified by improved relations, including the first official contacts between the governments' leaders of China and Taiwan in 2015. Despite closer relations in recent years, the relationship with China remains a divisive political issue within Taiwan. Foreign trade has been the engine of rapid growth in Taiwan and has transformed the island into one of Asia's great exporting nations. As an export-oriented economy, Taiwan depends on a free-trade trade regime and remains vulnerable to downturns in the world economy. Taiwanese companies continue to compete mostly on price, producing generic products or branded merchandise on behalf of multinational companies. Accordingly, these businesses can be particularly vulnerable to currency volatility and increasing competition from neighboring lower-cost countries. Moreover, many Taiwanese companies are heavily invested in mainland China and other countries throughout Southeast Asia, making them susceptible to political events and economic crises in these parts of the region. Significantly, Taiwan and China recently entered into agreements covering banking, securities, and insurance. Closer economic links with the mainland may bring greater opportunities for the Taiwanese economy, but such arrangements also pose new challenges. For example, foreign direct investment in China has resulted in Chinese import substitution away from Taiwan's exports and a constriction of potential job creation in Taiwan. Likewise, the Taiwanese economy has experienced slow economic growth as demand for Taiwan's exports has weakened due, in part, to declines in growth rates in China. More recently, Taiwan has sought to diversify its export markets and reduce its dependence on the Chinese market by increasing exports to the United States, Japan, Europe, and other Asian countries by, in part, entering into free-trade agreements. In addition, the lasting effects of the European debt crisis and persistent low growth in the global economy may reduce global demand for Taiwan's exports. The Taiwanese economy's long-term challenges include a rapidly aging population, low birth rate, and the lingering effects of Taiwan's diplomatic isolation.

India. The value of a fund's investments in Indian securities may be affected by, among other things, political developments, rapid changes in government regulation, state intervention in private enterprise, nationalization or expropriation of foreign assets, legal uncertainty, high rates of inflation or interest rates, currency volatility, and civil unrest. Moreover, the Indian economy remains vulnerable to natural disasters, such as droughts and monsoons. In addition, any escalation of tensions with Pakistan may have a negative impact on India's economy and foreign investments in India. Likewise, political, social and economic disruptions caused by domestic sectarian violence or terrorist attacks may also present risks to a fund's investments in India.

The Indian economy is heavily dependent on exports and services provided to U.S. and European companies, and is vulnerable to any weakening in global demand for these products and services. In recent years, rising wages have chipped away at India's competitive advantage in certain service sectors. A large fiscal deficit and persistent inflation have contributed to modest economic growth in India in recent years. While the economic growth rate has risen more recently, the Indian economy continues to be susceptible to a slowdown in the manufacturing sector, and it is uncertain whether higher growth rates are sustainable without more fundamental governance reforms.

India's market has less developed clearance and settlement procedures and there have been times when settlements have not kept pace with the volume of securities and have been significantly delayed. The Indian stock exchanges have in the past been subject to closure, broker defaults and broker strikes, and there can be no certainty that this will not recur. In addition, significant delays are common in registering transfers of securities and a fund may be unable to sell securities until the registration process is completed and may experience delays in the receipt of dividends and other entitlements. Furthermore, restrictions or controls applicable to foreign investment in the securities of issuers in India may also adversely affect a fund's investments within

the country. The availability of financial instruments with exposure to Indian financial markets may be substantially limited by restrictions on foreign investors and subject to regulatory authorizations. Foreign investors are required to observe certain investment restrictions, including limits on shareholdings, which may impede a fund's ability to invest in certain issuers or to fully pursue its investment objective. These restrictions may also have the effect of reducing demand for, or limiting the liquidity of, such investments. There can be no assurance that the Indian government will not impose restrictions on foreign capital remittances abroad or otherwise modify the exchange control regime applicable to foreign investors in such a way that may adversely affect the ability of a fund to repatriate their income and capital.

Shares of many Indian issuers are held by a limited number of persons and financial institutions, which may limit the number of shares available for investment. Sales of securities by such issuer's major shareholders may also significantly and adversely affect other shareholders. Moreover, a limited number of issuers represent a disproportionately large percentage of market capitalization and trading value in India.

Recently, the Indian government has sought to implement numerous reforms to the economy, including efforts to bolster the Indian manufacturing sector and entice foreign direct investment. However, such reformation efforts have proven difficult and there is no guarantee that such reforms will be implemented or that they will be fully implemented in a manner that benefits investors.

Indonesia. Over the last decade, Indonesia has applied prudent macroeconomic efforts and policy reforms that have led to modest growth in recent years, but many economic development problems remain, including poverty and unemployment, corruption, inadequate infrastructure, a complex regulatory environment, and unequal resource distribution among regions. Although Indonesia's government has taken steps in recent years to improve the country's infrastructure and investment climate, these problems may limit the country's ability to maintain such economic growth as Indonesia has begun to experience slowing growth rates in recent years. Indonesia is prone to natural disasters such as typhoons, tsunamis, earthquakes and flooding, which may also present risks to a fund's investments in Indonesia. In addition, Indonesia continues to be at risk of ethnic, sectarian, and separatist violence.

In recent periods, Indonesia has employed a program of monetary loosening through reductions in interest rates and implemented a number of reforms to encourage investment. Although Indonesia's central bank has continued to utilize monetary policies to promote growth, there can be no guarantee such efforts will be sufficient or that additional stimulus policies will not be necessary in the future.

Indonesia's dependence on resource extraction and export leaves it vulnerable to a slowdown of the economies of its trading partners and a decline in commodity prices more generally. Commodity prices have experienced significant volatility in recent years, which has adversely affected the exports of Indonesia's economy. Indonesia is particularly vulnerable to the effects of a continued slowdown in China, which has been a major source of demand growth for Indonesia's commodity exports. Indonesia is also vulnerable to further weakness in Japan, which remains one of Indonesia's largest single export markets. Indonesia has recently reversed several policies that restricted foreign investment by permitting increased foreign ownership in several sectors and opening up sectors previously closed to foreign investors. Failure to pursue internal reform, peacefully resolve internal conflicts, bolster the confidence of international and domestic investors, and weak global economic growth could limit Indonesia's economic growth in the future.

Thailand. Thailand has well-developed infrastructure and a free-enterprise economy, which is both conducive and enticing to certain foreign investment. While Thailand experienced an increase in exports in recent years, the rate of export growth has since slowed, in part due to domestic political turmoil, weakness in commodity prices and declines in growth rates in China. Moreover, Thailand has pursued preferential trade agreements with a variety of partners in an effort to boost exports and maintain high growth. However, weakening fiscal discipline, separatist violence in the south, the intervention by the military in civilian spheres, and continued political instability may cause additional risks for investments in Thailand. The risk of political instability has proven substantial, as the protests, disputed election, government collapse, and coup of 2014 have led to short term declines in GDP, a collapse of tourism, and a decrease in foreign direct investment. The military junta continues to retain control of the government and has not indicated a willingness to cede power, persistently delaying the return of democratic elections. Such uncertainty regarding the return of democratic governance to Thailand could jeopardize the maintenance of economic growth.

In the long term, Thailand's economy faces challenges including an aging population, outdated infrastructure, and an inadequate education system. Thailand's cost of labor has risen rapidly in recent years, threatening its status as a low cost manufacturing hub. In addition, natural disasters may affect economic growth in the country. Thailand continues to be vulnerable to weak economic growth of its major trading partners, particularly China and Japan. Additionally, Thailand's economy may be limited by lack of available capital for investment resulting from the European debt crisis and persistent slow growth in the global economy, as well as increases in interest rates and the tapering of other monetary policies adopted by the central banks of developed countries.

Philippines. The economy of the Philippines has benefitted from its relatively low dependence on exports and high domestic rates of consumption, as well as substantial remittances received from large overseas populations. Although the economy of the Philippines has grown quickly in recent years, there can be no assurances that such growth will continue. Like other countries in

the Asia Pacific region, the Philippines' growth in recent years has been reliant, in part, on exports to larger economies, notably the United States, Japan and China. Given that China is a large importer and source of global demand, a continued Chinese slowdown may, directly or indirectly, negatively impact Philippine economic growth. Additionally, lower global economic growth may lead to lower remittances from Filipino emigrants abroad, negatively impacting economic growth in the Philippines. Furthermore, certain weaknesses in the economy, such as inadequate infrastructure, high poverty rates, uneven wealth distribution, low fiscal revenues, endemic corruption, inconsistent regulation, unpredictable taxation, unreliable judicial processes, and the appropriation of foreign assets may present risks to a fund's investments in the Philippines. In addition, investments in the Philippines are subject to risks arising from political or social unrest, including governmental actions that strain relations with the country's major trading partners, threats from military coups, terrorist groups and separatist movements. Likewise, the Philippines is prone to natural disasters such as typhoons, tsunamis, earthquakes and flooding, which may also present risks to a fund's investments in the Philippines.

Latin America. Latin American countries have historically suffered from social, political, and economic instability. For investors, this has meant additional risk caused by periods of regional conflict, political corruption, totalitarianism, protectionist measures, nationalization, hyperinflation, debt crises, sudden and large currency devaluation, and intervention by the military in civilian and economic spheres. In recent decades, certain Latin American economies have experienced prolonged, significant economic growth, and many countries have developed sustainable democracies and a more mature and accountable political environment. However, in recent periods, many Latin American countries have experienced persistent low growth rates and certain countries have fallen into recessions. While the region is experiencing an economic recovery, there can be no guarantee that such recovery will continue or that Latin American countries will not face further recessionary pressures.

The region's economies represent a spectrum of different levels of political and economic development. In many Latin American countries, domestic economies have been deregulated, privatization of state-owned companies had been undertaken and foreign trade restrictions have been relaxed. However, there can be no guarantee that such trends in economic liberalization will continue or that the desired outcomes of these developments will be successful. Nonetheless, to the extent that the risks identified above continue or re-emerge in the future, such developments could reverse favorable trends toward market and economic reform, privatization, and removal of trade barriers, and result in significant disruption in securities markets in the region. In addition, recent favorable economic performance in much of the region has led to a concern regarding government overspending in certain Latin American countries. Investors in the region continue to face a number of potential risks. Certain Latin American countries depend heavily on exports to the United States and investments from a small number of countries. Accordingly, these countries may be sensitive to fluctuations in demand, exchange rates and changes in market conditions associated with those countries. The economic growth of most Latin American countries is highly dependent on commodity exports and the economies of certain Latin American countries, particularly Mexico and Venezuela, are highly dependent on oil exports. These economies are particularly susceptible to fluctuations in the price of oil and other commodities and currency fluctuations. The prices of oil and other commodities are in the midst of a period of high volatility driven, in part, by a continued slowdown in growth in China. If growth in China remains slow, or if global economic conditions worsen, Latin American countries may face significant economic difficulties. Although certain Latin American countries have recently shown signs of improved economic growth, such improvements, if sustained, may be gradual. In addition, prolonged economic difficulties may have negative effects on the transition to a more stable democracy in some Latin American countries. Political risks remain prevalent throughout the region, including the risk of nationalization of foreign assets. Certain economies in the region may rely heavily on particular industries or foreign capital and are more vulnerable to diplomatic developments, the imposition of economic sanctions against a particular country or countries, changes in international trading patterns, trade barriers, and other protectionist or retaliatory measures.

For certain countries in Latin America, political risks have created significant uncertainty in financial markets and may further limit the economic recovery in the region. For example, in Mexico, uncertainty regarding the status of NAFTA or its recently negotiated successor – the United States-Mexico-Canada Agreement – may have a significant and adverse impact on Mexico's economic outlook and the value of a fund's investments in Mexico. Additionally, recent political and social unrest in Venezuela has resulted in a massive disruption in the Venezuelan economy, including a deep recession and near hyperinflation.

A number of Latin American countries are among the largest debtors of developing countries and have a long history of reliance on foreign debt and default. The majority of the region's economies have become highly dependent upon foreign credit and loans from external sources to fuel their state-sponsored economic plans. Most countries have been forced to restructure their loans or risk default on their debt obligations. In addition, interest on the debt is subject to market conditions and may reach levels that would impair economic activity and create a difficult and costly environment for borrowers. Accordingly, these governments may be forced to reschedule or freeze their debt repayment, which could negatively affect local markets. Most recently, Argentina defaulted on its debt after a U.S. court ruled that payments to a majority of bondholders (who had settled for lower rates of repayment) could not be made so long as holdout bondholders were not paid the full value of their bonds. Although Argentina has since settled with its bondholders, it may continue to experience constraints on its ability to issue new debt, and therefore fund its government. Further, the ruling increases the risk of default on all sovereign debt containing similar clauses.

Because of their dependence on foreign credit and loans, a number of Latin American economies may face significant

economic difficulties if the U.S. Federal Reserve continues to raise interest rates, which could potentially jeopardize various countries' ability to service debt obligations or to service such obligations in a timely manner. While the region has recently had mixed levels of economic growth, recovery from past economic downturns in Latin America has historically been slow, and such growth, if sustained, may be gradual. The ongoing effects of the European debt crisis and persistent low growth in the global economy may reduce demand for exports from Latin America and limit the availability of foreign credit for some countries in the region. As a result, a fund's investments in Latin American securities could be harmed if economic recovery in the region is limited.

Russia. Investing in Russian securities is highly speculative and involves significant risks and special considerations not typically associated with investing in the securities markets of the United States and most other developed countries.

Political. Over the past century, Russia has experienced political and economic turbulence and has endured decades of communist rule under which tens of millions of its citizens were collectivized into state agricultural and industrial enterprises. Since the collapse of the Soviet Union, Russia's government has been faced with the daunting task of stabilizing its domestic economy, while transforming it into a modern and efficient structure able to compete in international markets and respond to the needs of its citizens. However, to date, many of the country's economic reform initiatives have floundered or been retrenched. In this environment, political and economic policies could shift suddenly in ways detrimental to the interest of foreign and private investors.

In the last several years, as significant income from oil and commodity exports boosted Russia's economic growth, the Russian government began to re-assert its regional geopolitical influence, including most recently its military actions in Ukraine and Syria. The involvement in Ukraine has increased tensions between Russia and its neighbors and the West, resulting in the United States and EU placing sanctions on the Russian financial, energy, and defense sectors, as well as targeting top Russian officials. These sanctions, combined with a collapse in energy and commodity prices, have had the effect of slowing the Russian economy, which has continued to experience recessionary trends. Additionally, the conflict has caused capital flight, loss of confidence in Russian sovereign debt, and a retaliatory import ban by Russia that has helped stoke inflation. Further possible actions by Russia, including restricting gas exports to Ukraine and countries downstream, or provoking another military conflict elsewhere in Eastern Europe could lead to greater consequences for the Russian economy.

Economic. Many Russian businesses are inefficient and uncompetitive by global standards due to systemic corruption, regulatory favoritism for government-affiliated enterprises, or the legacy of old management teams and techniques left over from the command economy of the Soviet Union. Poor accounting standards, inept management, pervasive corruption, insider trading and crime, and inadequate regulatory protection for the rights of investors all pose a significant risk, particularly to foreign investors. In addition, enforcement of the Russian tax system is prone to inconsistent, arbitrary, retroactive, confiscatory, and/or exorbitant taxation.

Compared to most national stock markets, the Russian securities market suffers from a variety of problems not encountered in more developed markets. There is little long-term historical data on the Russian securities market because it is relatively new and a substantial proportion of securities transactions in Russia are privately negotiated outside of stock exchanges. The inexperience of the Russian securities market and the limited volume of trading in securities in the market may make obtaining accurate prices on portfolio securities from independent sources more difficult than in more developed markets. Additionally, there is little solid corporate information available to investors because of less stringent auditing and financial reporting standards that apply to companies operating in Russia. As a result, it may be difficult to assess the value or prospects of an investment in Russian companies.

Because of the recent formation of the Russian securities market as well as the underdeveloped state of the banking and telecommunications systems, settlement, clearing and registration of securities transactions are subject to significant risks. Ownership of shares (except where shares are held through depositories that meet the requirements of the Investment Company Act of 1940 (1940 Act)) is defined according to entries in the company's share register and normally evidenced by extracts from the register or by formal share certificates. However, these services are carried out by the companies themselves or by registrars located throughout Russia. These registrars are not necessarily subject to effective state supervision nor are they licensed with any governmental entity and it is possible for a fund to lose its registration through fraud, negligence, or even mere oversight. While a fund will endeavor to ensure that its interest continues to be appropriately recorded either itself or through a custodian or other agent inspecting the share register and by obtaining extracts of share registers through regular confirmations, these extracts have no legal enforceability and it is possible that subsequent illegal amendment or other fraudulent act may deprive a fund of its ownership rights or improperly dilute its interests. In addition, while applicable Russian regulations impose liability on registrars for losses resulting from their errors, it may be difficult for a fund to enforce any rights it may have against the registrar or issuer of the securities in the event of loss of share registration. Furthermore, significant delays or problems may occur in registering the transfer of securities, which could cause a fund to incur losses due to either a counterparty's failure to pay for securities the fund has delivered or the fund's inability to complete its contractual obligations. The designation of the National Settlement Depository (NSD) as the exclusive settlement organization for all publicly traded Russian companies and investment funds has enhanced the efficiency and transparency of the Russian securities market. Additionally, recent agreements between the NSD and

foreign central securities depositories and settlement organizations have allowed for simpler and more secure access for foreign investors as well.

The Russian economy is heavily dependent upon the export of a range of commodities including industrial metals, forestry products, oil, and gas. Accordingly, it is strongly affected by international commodity prices and is particularly vulnerable to any weakening in global demand for these products. Furthermore, the sale and use of certain strategically important commodities, such as gas, may be dictated by political, rather than economic, considerations.

The recent fall in the price of commodities has demonstrated the sensitivity of the Russian economy to such price volatility, especially in oil and gas markets. During this time, many sectors in the Russian economy fell into turmoil, pushing the whole economy into recession. In addition, prior to the global financial crisis, Russia's economic policy encouraged excessive foreign currency borrowing as high oil prices increased investor appetite for Russian financial assets. As a result of this credit boom, Russia reached alarming debt levels and suffered from the effects of tight credit markets. Russia continues to face significant economic challenges, including weak levels of investment, falling domestic consumption levels, and low global commodity demand. In the near term, the ongoing European sovereign debt crisis, a continued slowdown in China, and persistent low growth in the global economy may continue to result in low prices for Russian exports such as oil and gas, which could limit Russia's economic growth. Over the long-term, Russia faces challenges including a shrinking workforce, high levels of corruption, difficulty in accessing capital for smaller, non-energy companies, and poor infrastructure in need of large investments.

The sanctions imposed on Russia by the United States and the European Union, as well as the threat of additional sanctions, could have further adverse consequences for the Russian economy, including continued weakening of the ruble, additional downgrades in the country's credit rating, and a significant decline in the value and liquidity of securities issued by Russian companies or the Russian government. The imposition of broader sanctions targeting specific issuers or sectors could prohibit a fund from investing in any securities issued by companies subject to such sanctions. In addition, these sanctions and/or retaliatory action by Russia could require a fund to freeze its existing investments in Russian companies. This could prohibit a fund from selling or transacting in these investments and potentially impact a fund's liquidity.

Currency. Foreign investors also face a high degree of currency risk when investing in Russian securities and a lack of available currency hedging instruments. The Russian ruble has recently been subject to significant devaluation pressure due to the fall in commodity prices and the collapse in the value of Russian exports. In recent years, the Russian Central Bank has spent significant foreign exchange reserves to maintain the value of the ruble. However, such reserves are finite and, as exemplified by the recent rise in inflation, the Russian Central Bank may be unable to properly manage competing demands of supporting the ruble, managing inflation, and stimulating a struggling Russian economy. Although Russia's foreign exchange reserves have begun to rebound in the past year, there can be no guarantee that this trend will continue or that the Russian Central Bank will not need to spend these reserves to stabilize Russia's currency and/or economy in the future. Therefore, any investment denominated in rubles may be subject to significant devaluation in the future. Although official sovereign debt to GDP figures are low for a developed economy, sovereign default remains a risk. Even absent a sovereign default, foreign investors could face the possibility of further devaluations. There is the risk that the government may impose capital controls on foreign portfolio investments in the event of extreme financial or political crisis. Such capital controls could prevent the sale of a portfolio of foreign assets and the repatriation of investment income and capital. Such risks have led to heightened scrutiny of Russian liquidity conditions, which in turn creates a heightened risk of the repatriation of ruble assets by concerned foreign investors. The persistent economic turmoil in Russia caused the Russian ruble to depreciate as unemployment levels increased and global demand for oil exports decreased. In particular, the recent collapse in energy prices has shrunk the value of Russian exports and further weakened both the value of the ruble and the finances of the Russian state. The Russian economy has also suffered following the conflict in Ukraine, as a result of significant capital flight from the country. The pressure put on the ruble caused by this divestment has been compounded by the sanctions from the United States and EU, leading to further depreciation, a limitation of the ruble's convertibility, and an increase in inflation.

The Middle East and Africa. Investing in Middle Eastern and African securities is highly speculative and involves significant risks and special considerations not typically associated with investing in the securities markets of the United States and most other developed countries.

Political. Many Middle Eastern and African countries historically have suffered from political instability. Despite a growing trend towards democratization, especially in Africa, significant political risks continue to affect some Middle Eastern and African countries. These risks may include substantial government intervention in and control over the private sector, corrupt leaders, civil unrest, suppression of opposition parties that can lead to further dissidence and militancy, fixed elections, terrorism, coups, and war. In recent years, several countries in the Middle East and North Africa have experienced pro-democracy movements that resulted in swift regime changes. In some instances where pro-democracy movements successfully toppled regimes, the stability of successor regimes has proven weak, as evidenced, for example, in Egypt. In other instances, these changes have devolved into armed conflict involving local factions, regional allies or international forces, and even protracted civil wars, such as in Libya and Syria.

The protracted civil war in Syria has given rise to numerous militias, terrorist groups, and most notably, the proto-state of

ISIS. The conflict has disrupted oil production across Syria and Iraq, effectively destroying the economic value of large portions of the region, and caused a massive exodus of refugees into neighboring states, which further threatens government infrastructure of the refuge countries. Although the conflict is relatively isolated, there is a significant risk of it metastasizing as the civil war draws in more regional states and ISIS spreads an extremist ideology.

Regional instability has not been confined to Syria and Iraq, however. In Nigeria, Africa's largest economy, radical groups have led to a disruptive insurgency in the country's north. In addition, Africa has experienced a number of regional health crises in recent years, which has demonstrated the vulnerabilities of political institutions and health care systems in the face of crisis.

Continued instability may slow the adoption of economic and political reforms and could damage trade, investment, and economic growth going forward. Further, because many Middle East and African nations have a history of dictatorship, military intervention, and corruption, any successful reforms may prove impermanent. In addition, there is an increasing risk that historical animosities, border disputes, or defense concerns may lead to further armed conflict in the region. Across the Middle East and Africa, such developments could have a negative effect on economic growth and reverse favorable trends toward economic and market reform, privatization, and the removal of trade barriers. Such developments could also result in significant disruptions in securities markets.

Economic. Middle Eastern and African countries historically have suffered from underdeveloped infrastructure, high unemployment rates, a comparatively unskilled labor force, and inconsistent access to capital, which have contributed to economic instability and stifled economic growth in the region. Furthermore, certain Middle Eastern and African markets may face a higher concentration of market capitalization, greater illiquidity and greater price volatility than that found in more developed markets of Western Europe or the United States. Additionally, certain countries in the region have a history of nationalizing or expropriating foreign assets, which could cause a fund to lose the value of its investments in those countries or negatively affect foreign investor confidence in the region. Despite a growing trend towards economic diversification, many Middle Eastern and African economies remain heavily dependent upon a limited range of commodities. These include gold, silver, copper, cocoa, diamonds, natural gas and petroleum. These economies are greatly affected by international commodity prices and are particularly vulnerable to any weakening in global demand for these products. The demand in global commodities continues to decrease, particularly the decline in the price of oil, causing certain countries in the region to face significant economic difficulties. As a result, many countries have been forced to scale down their infrastructure investment and the size of their public welfare systems, which could have long-term economic, social, and political implications.

South Africa, Africa's second largest economy, is the largest destination for foreign direct investment on the continent. The country has a two-tiered, developing economy with one tier similar to that of a developed country and the second tier having only the most basic infrastructure. Although South Africa has experienced modest economic growth in recent years, such growth has been sluggish, hampered by endemic corruption, ethnic and civil conflicts, labor unrest, the effects of the HIV health crisis, and political instability. In addition, reduced demand for South African exports due to the lasting effects of the European debt crisis and persistent low growth in the global economy may limit any such recovery. These problems have been compounded by worries over South African sovereign debt prompted by an increasing deficit and rising level of sovereign debt. These conditions led Fitch and S&P to downgrade South African debt to "junk" status. Such downgrades in South African sovereign debt could have serious consequences on investments in South Africa.

Currency. Certain Middle Eastern and African countries have currencies pegged to the U.S. dollar or euro, rather than free-floating exchange rates determined by market forces. Although intended to stabilize the currencies, these pegs, if abandoned, may cause sudden and significant currency adjustments, which may adversely impact investment returns. There is no significant foreign exchange market for certain currencies, and it would, as a result, be difficult for a fund to engage in foreign currency transactions designed to protect the value of a fund's interests in securities denominated in such currencies.

PORTFOLIO TRANSACTIONS

Orders for the purchase or sale of portfolio securities are placed on behalf of a fund by FMR pursuant to authority contained in the management contract. To the extent that FMR grants investment management authority to a sub-adviser (see the section entitled "Management Contracts"), that sub-adviser is authorized to provide the services described in the respective sub-advisory agreement, and in accordance with the policies described in this section. Furthermore, the sub-adviser's trading and associated policies, which may differ from FMR's policies, may apply to that fund, subject to applicable law.

FMR or a sub-adviser may be responsible for the placement of portfolio securities transactions for other investment companies and investment accounts for which it has or its affiliates have investment discretion.

A fund will not incur any commissions or sales charges when it invests in shares of open-end investment companies (including any underlying central funds), but it may incur such costs when it invests directly in other types of securities.

Purchases and sales of equity securities on a securities exchange or OTC are effected through brokers who receive compensation for their services. Generally, compensation relating to securities traded on foreign exchanges will be higher than compensation relating to securities traded on U.S. exchanges and may not be subject to negotiation. Compensation may also be

paid in connection with principal transactions (in both OTC securities and securities listed on an exchange) and agency OTC transactions executed with an electronic communications network (ECN) or an alternative trading system. Equity securities may be purchased from underwriters at prices that include underwriting fees.

Purchases and sales of fixed-income securities are generally made with an issuer or a primary market-maker acting as principal. Although there is no stated brokerage commission paid by a fund for any fixed-income security, the price paid by a fund to an underwriter includes the disclosed underwriting fee and prices in secondary trades usually include an undisclosed dealer commission or markup reflecting the spread between the bid and ask prices of the fixed-income security. New issues of equity and fixed-income securities may also be purchased in underwritten fixed price offerings.

The Trustees of each fund periodically review FMR's performance of its responsibilities in connection with the placement of portfolio securities transactions on behalf of each fund. The Trustees also review the compensation paid by each fund over representative periods of time to determine if it was reasonable in relation to the benefits to the fund.

FMR.

The Selection of Securities Brokers and Dealers

FMR or its affiliates generally have authority to select securities brokers (whether acting as a broker or a dealer) to place or execute a fund's portfolio securities transactions. In selecting securities brokers, including affiliates of FMR, to execute a fund's portfolio securities transactions, FMR or its affiliates consider the factors they deem relevant in the context of a particular trade and in regard to FMR's or its affiliates' overall responsibilities with respect to the fund and other investment accounts, including any instructions from the fund's portfolio manager, which may emphasize, for example, speed of execution over other factors. Based on the factors considered, FMR or its affiliates may choose to execute an order using electronic channels, including broker sponsored algorithmic trading, internal crossing, or by verbally working an order with a broker. Other possibly relevant factors may include, but are not limited to, the following: price; costs; the size, nature, and type of the order; speed of execution; financial condition and reputation of the broker; broker-specific considerations (e.g., not all brokers may be able to execute all types of trades); broker willingness to commit capital; the nature and characteristics of the markets in which the security may be traded; the trader's assessment of whether and how closely the broker likely will follow the trader's instructions to the broker; confidentiality and the potential for information leakage; the nature or existence of post-trade clearing, settlement, custody and currency convertibility mechanisms; and the provision of brokerage and research products and services, if applicable and where allowed by law.

In seeking best qualitative execution for portfolio securities transactions, FMR or its affiliates may select a broker that uses a trading method, including algorithmic trading, for which the broker may charge a higher commission than its lowest available commission rate. FMR or its affiliates also may select a broker that charges more than the lowest commission rate available from another broker. FMR or its affiliates may execute an entire securities transaction with a broker and allocate all or a portion of the transaction and/or related commissions to a second broker where a client does not permit trading with an affiliate of FMR or in other limited situations. In those situations, the commission rate paid to the second broker may be higher than the commission rate paid to the executing broker. For futures transactions, the selection of an FCM is generally based on the overall quality of execution and other services provided by the FCM. FMR or its affiliates may choose to execute futures transactions electronically.

The Acquisition of Brokerage and Research Products and Services

Brokers (who are not affiliates of FMR) that execute transactions for a fund managed outside of the European Union may receive higher compensation from the fund than other brokers might have charged the fund, in recognition of the value of the brokerage or research products and services they provide to FMR or its affiliates.

Research Products and Services. These products and services may include, when permissible under applicable law, but are not limited to: economic, industry, company, municipal, sovereign (U.S. and non-U.S.), legal, or political research reports; market color; company meeting facilitation; compilation of securities prices, earnings, dividends and similar data; quotation services, data, information and other services; analytical computer software and services; and investment recommendations. In addition to receiving brokerage and research products and services via written reports and computer-delivered services, such reports may also be provided by telephone and in-person meetings with securities analysts, corporate and industry spokespersons, economists, academicians and government representatives and others with relevant professional expertise. FMR or its affiliates may request that a broker provide a specific proprietary or third-party product or service. Some of these brokerage and research products and services supplement FMR's or its affiliates' own research activities in providing investment advice to the funds.

Execution Services. In addition, when permissible under applicable law, brokerage and research products and services may include, those that assist in the execution, clearing, and settlement of securities transactions, as well as other incidental functions (including, but not limited to, communication services related to trade execution, order routing and algorithmic trading, post-trade matching, exchange of messages among brokers or dealers, custodians and institutions, and the use of electronic confirmation and affirmation of institutional trades).

Mixed-Use Products and Services. Although FMR or its affiliates do not use fund commissions to pay for products or

services that do not qualify as brokerage and research products and services or eligible external research under MiFID II and FCA regulations (as defined below), where allowed by applicable law, they may use commission dollars to obtain certain products or services that are not used exclusively in FMR's or its affiliates' investment decision-making process (mixed-use products or services). In those circumstances, FMR or its affiliates will make a good faith judgment to evaluate the various benefits and uses to which they intend to put the mixed-use product or service, and will pay for that portion of the mixed-use product or service that does not qualify as brokerage and research products and services or eligible external research with their own resources (referred to as "hard dollars").

Benefit to FMR. FMR's or its affiliates' expenses likely would be increased if they attempted to generate these additional brokerage and research products and services through their own efforts, or if they paid for these brokerage and research products or services with their own resources. Therefore, FMR or its affiliates may have an incentive to select or recommend a broker-dealer based on its interest in receiving the brokerage and research products and services, rather than on FMR's or its affiliates' funds interest in receiving most favorable execution. FMR and its affiliates manage the receipt of brokerage and research products and services and the potential for conflicts through its Commission Uses Program. The Commission Uses Program effectively "unbundles" commissions paid to brokers who provide brokerage and research products and services, i.e., commissions consist of an execution commission, which covers the execution of the trade (including clearance and settlement), and a research charge, which is used to cover brokerage and research products and services. In selecting brokers for executing transactions on behalf of the fund, the trading desks through which FMR or its affiliates may execute trades are instructed to execute portfolio transactions on behalf of the funds based on the brokers' quality of execution and without any consideration of brokerage and research products and services the broker provides. Where commissions paid to a broker include both an execution commission and a research charge, while the broker receives the entire commission, it retains the execution commission and either credits or transmits the research portion to a commission sharing arrangement (CSA) pool, also known as "soft dollars," which is used to pay research expenses. (In some cases, FMR or its affiliates may request that a broker which is not a party to any particular transaction provide a specific proprietary or third-party product or service, which would be paid for from the CSA pool.) The administration of brokerage and research products and services is managed separately from the trading desks, and traders have no responsibility for administering the research program, including the payment for research. Furthermore, where permissible under applicable law, certain of the brokerage and research products and services that FMR or its affiliates receive are furnished by brokers on their own initiative, either in connection with a particular transaction or as part of their overall services. Some of these brokerage and research products or services may be provided at no additional cost to FMR or its affiliates or have no explicit cost associated with them.

FMR's Decision-Making Process. In connection with the allocation of fund brokerage, FMR or its affiliates make a good faith determination that the compensation paid to brokers and dealers is reasonable in relation to the value of the brokerage and/or research products and services provided to FMR or its affiliates, viewed in terms of the particular transaction for a fund or FMR's or its affiliates' overall responsibilities to that fund or other investment companies and investment accounts for which FMR or its affiliates have investment discretion; however, each brokerage and research product or service received in connection with a fund's brokerage may not benefit all funds and certain funds may receive the benefit of the brokerage and research product or services obtained with other funds' commissions. As required under applicable laws or fund policy, commissions generated by certain funds may only be used to obtain certain brokerage and research products and services. As a result, certain funds may pay more proportionately of certain types of brokerage and research products and services than others, while the overall amount of brokerage and research products and services paid by each fund continues to be allocated equitably. While FMR or its affiliates may take into account the brokerage and/or research products and services provided by a broker or dealer in determining whether compensation paid is reasonable, neither FMR, its affiliates, nor the funds incur an obligation to any broker, dealer, or third party to pay for any brokerage and research product or service (or portion thereof) by generating a specific amount of compensation or otherwise. Typically, for funds managed by FMR or its affiliates outside of the European Union, these brokerage and research products and services assist FMR or its affiliates in terms of their overall investment responsibilities to a fund or any other investment companies and investment accounts for which FMR or its affiliates may have investment discretion. Certain funds or investment accounts may use brokerage commissions to acquire brokerage and research products and services that may also benefit other funds or accounts managed by FMR or its affiliates, and not every fund or investment account uses the brokerage and research products and services that may have been acquired through that fund's commissions.

Research Contracts. FMR or its affiliates have arrangements with certain third-party research providers and brokers through whom FMR or its affiliates effect fund trades, whereby FMR or its affiliates may pay with fund commissions or hard dollars for all or a portion of the cost of research products and services purchased from such research providers or brokers. If hard dollar payments are used, FMR or its affiliates may still cause a fund to pay more for execution than the lowest commission rate available from the broker providing research products and services to FMR or its affiliates, or that may be available from another broker. FMR's or its affiliates' determination to pay for research products and services separately is wholly voluntary on FMR's or its affiliates' part and may be extended to additional brokers or discontinued with any broker participating in this arrangement.

Funds Managed within the European Union. FMR and its affiliates have established policies and procedures relating to brokerage commission uses in compliance with the revised Markets in Financial Instruments Directive in the European Union,

commonly referred to as “MiFID II”, and the implementation of MiFID II within the United Kingdom through the Conduct of Business Sourcebook Rules of the UK Financial Conduct Authority (the “FCA”), where applicable.

For funds, or portions thereof, that are managed within the European Union by FMR UK will use research payment accounts (RPAs) to cover costs associated with equity and high income external research that is consumed by those funds or investment accounts in accordance with MiFID II and FCA regulations. With RPAs, funds pay for external research through a separate research charge that is generally assessed and collected alongside the execution commission¹. For funds that use an RPA, FMR UK will establish a research budget. The budget will be set by first grouping funds or investment accounts by strategy (e.g., asset allocation, blend, growth, etc.), and then determining what external research is consumed to support the strategies and portfolio management services provided within the European Union. In this regard, research budgets are set by research need and are not otherwise linked to the volume or value of transactions executed on behalf of the fund or investment account. For funds where portions are managed both within and outside of the European Union, external research may be paid using both CSA and an RPA. Determinations of what is eligible research and how costs are allocated will be made in accordance with FMR’s and its affiliates’ policies and procedures. Costs for research consumed by funds that use an RPA will be allocated among the funds or investment accounts within defined strategies pro rata based on the assets under management for each fund or investment account. The research charge paid on behalf of any one fund that uses an RPA may vary over time.

FMR UK will be responsible for managing the RPA and may delegate its administration to a third-party administrator for the facilitation of the purchase of external research and payments to research providers. RPA assets will be maintained in accounts at a third-party depository institution, held in the name of FMR UK.

Impacted funds, like those funds that participate in CSA pools, may make payments to a broker that include both an execution commission and a research charge, but unlike CSAs (for which research charges may be retained by the broker and credited to the CSA, as described above), the broker will receive separate payments for the execution commission and the research charge and will promptly remit the research charge to the RPA. Assets in the RPA will be used to satisfy external research costs consumed by the funds.

If the costs of paying for external research exceed the amount initially agreed in relation to funds in a given strategy, FMR or its affiliates may continue to charge those funds or investment accounts beyond the agreed amount in accordance with MiFID II, continue to acquire external research for the funds or investment accounts using its own resources, or cease to purchase external research for those funds or investment accounts until the next annual research budget. In the event that assets for specific funds remain in the RPA at the end of a period, they may be rolled over to the next period to offset next year’s research charges for those funds or rebated to those funds.

Funds managed by FMR UK that trade only fixed income securities will not participate in RPAs because fixed income securities trade based on spreads rather than commissions, and thus unbundling the execution commission and research charge is impractical. Therefore, FMR UK and its affiliates have established policies and procedures to ensure that external research that is paid for through RPAs is not made available to FMR UK portfolio managers that manage fixed income funds or investment accounts in any manner inconsistent with MiFID II and FCA regulations.

¹The staff of the SEC addressed concerns that reliance on an RPA mechanism to pay for research would be permissible under Section 28(e) of the Exchange Act by indicating that they would not recommend enforcement against investment advisers who used an RPA to pay for research and brokerage products and services so long as certain conditions were met. Therefore, references to “research charges” as part of the RPA mechanism to satisfy MiFID II requirements can be considered “commissions” for Section 28(e) purposes.

Commission Recapture

FMR or its affiliates may engage brokerage transactions with brokers (who are not affiliates of FMR) who have entered into arrangements with FMR or its affiliates under which the broker may rebate a portion of the compensation paid by a fund (Commission Recapture Program). Not all brokers with whom a fund trades have been asked to participate in brokerage Commission Recapture Program.

Affiliated Transactions

FMR or its affiliates may place trades with certain brokers, including NFS and Luminex Trading & Analytics LLC (Luminex), with whom they are under common control or affiliated, provided FMR or its affiliates determine that these affiliates’ trade-execution abilities and costs are comparable to those of non-affiliated, qualified brokerage firms, and that such transactions be executed in accordance with applicable rules under the 1940 Act and procedures adopted by the Board of Trustees of the funds and subject to other applicable law. In addition, FMR or its affiliates may place trades with brokers that use NFS or Fidelity Clearing Canada ULC (FCC) as a clearing agent.

The Trustees of each fund have approved procedures whereby a fund may purchase securities that are offered in underwritings in which an affiliate of the adviser or certain other affiliates participate. In addition, for underwritings where such an affiliate participates as a principal underwriter, certain restrictions may apply that could, among other things, limit the amount of securities

that the funds could purchase in the underwritings.

Non-U.S. Securities Transactions

To facilitate trade settlement and related activities in non-U.S. securities transactions, FMR or its affiliates may effect spot foreign currency transactions with foreign currency dealers. In certain circumstances, due to local law and regulation, logistical or operational challenges, or the process for settling securities transactions in certain markets (e.g., short settlement periods), spot currency transactions may be effected on behalf of funds by parties other than FMR or its affiliates, including funds' custodian banks (working through sub-custodians or agents in the relevant non-U.S. jurisdiction) or broker-dealers that executed the related securities transaction.

Trade Allocation

Although the Trustees and officers of each fund are substantially the same as those of certain other Fidelity® funds, investment decisions for each fund are made independently from those of other Fidelity® funds or investment accounts (including proprietary accounts). The same security is often held in the portfolio of more than one of these funds or investment accounts. Simultaneous transactions are inevitable when several funds and investment accounts are managed by the same investment adviser, or an affiliate thereof, particularly when the same security is suitable for the investment objective of more than one fund or investment account.

When two or more funds or investment accounts are simultaneously engaged in the purchase or sale of the same security or instrument, the prices and amounts are allocated in accordance with procedures believed by FMR to be appropriate and equitable to each fund or investment account. In some cases this could have a detrimental effect on the price or value of the security or instrument as far as a fund is concerned. In other cases, however, the ability of the funds to participate in volume transactions will produce better executions and prices for the funds.

Fidelity Investments Money Management, Inc. (FIMM).

The Selection of Securities Brokers and Dealers

FIMM or its affiliates generally have authority to select securities brokers (whether acting as a broker or a dealer) to place or execute a fund's portfolio securities transactions. In selecting securities brokers, including affiliates of FIMM, to execute a fund's portfolio securities transactions, FIMM or its affiliates consider the factors they deem relevant in the context of a particular trade and in regard to FIMM's or its affiliates' overall responsibilities with respect to the fund and other investment accounts, including any instructions from the fund's portfolio manager. Based on the factors considered, FIMM or its affiliates may choose to execute an order by using an electronic trading platform or by calling one or more dealers. Other possibly relevant factors may include, but are not limited to, the following: price; the size and type of the securities transaction; the reasonableness of compensation to be paid, including spreads and commission rates; the speed and certainty of trade executions, including broker willingness to commit capital; the nature and characteristics of the markets for the security to be purchased or sold, including the degree of specialization of the broker in such markets or securities; the availability of liquidity in the security, including the liquidity provided by individual brokers; the reliability of a broker; the broker's overall trading relationship with FIMM or its affiliates; the trader's assessment of whether and how closely the broker likely will follow the trader's instructions to the broker; the degree of anonymity that a particular broker can provide; the potential for avoiding or lessening market impact; the execution services rendered on a continuing basis; the execution efficiency, settlement capability, and financial condition of the broker or dealer; arrangements for payment of fund expenses, if applicable; and the provision of additional brokerage and research products and services, if applicable.

The trading desks through which FIMM or its affiliates may execute trades are instructed to execute portfolio transactions on behalf of the funds based on the quality of execution without any consideration of brokerage and research products and services the broker or dealer may provide. The administration of brokerage and research products and services is managed separately from the trading desks, which means that traders have no responsibility for administering soft dollar activities.

The Acquisition of Brokerage and Research Products and Services

Brokers (who are not affiliates of FIMM) that execute transactions for a fund may receive higher compensation from the fund than other brokers might have charged the fund, in recognition of the value of the brokerage or research products and services they provide to FIMM or its affiliates.

Research Products and Services. These products and services may include, when permissible under applicable law: economic, industry, company, municipal, sovereign (U.S. and non-U.S.), legal, or political research reports; market color; company meeting facilitation; compilation of securities prices, earnings, dividends and similar data; quotation services, data, information and other services; analytical computer software and services; and investment recommendations. In addition to receiving brokerage and research products and services via written reports and computer-delivered services, such reports may also be provided by telephone and in-person meetings with securities analysts, corporate and industry spokespersons, economists, academicians and government representatives and others with relevant professional expertise. FIMM or its affiliates may request

that a broker provide a specific proprietary or third-party product or service. Some of these brokerage and research products and services supplement FIMM's or its affiliates' own research activities in providing investment advice to the funds.

Execution Services. In addition, when permissible under applicable law, brokerage and research products and services may include, those that assist in the execution, clearing, and settlement of securities transactions, as well as other incidental functions (including, but not limited to, communication services related to trade execution, order routing and algorithmic trading, post-trade matching, exchange of messages among brokers or dealers, custodians and institutions, and the use of electronic confirmation and affirmation of institutional trades).

Mixed-Use Products and Services. Although FIMM or its affiliates do not use fund commissions to pay for products or services that do not qualify as brokerage and research products and services, they may use commission dollars to obtain certain products or services that are not used exclusively in FIMM's or its affiliates' investment decision-making process (mixed-use products or services). In those circumstances, FIMM or its affiliates will make a good faith judgment to evaluate the various benefits and uses to which they intend to put the mixed-use product or service, and will pay for that portion of the mixed-use product or service that does not qualify as brokerage and research products and services with their own resources (referred to as "hard dollars").

Benefit to FIMM. FIMM's or its affiliates' expenses likely would be increased if they attempted to generate these additional brokerage and research products and services through their own efforts, or if they paid for these brokerage and research products or services with their own resources. To minimize the potential for conflicts of interest, the trading desks through which FIMM or its affiliates may execute trades are instructed to execute portfolio transactions on behalf of the funds based on the quality of execution without any consideration of brokerage and research products and services the broker or dealer may provide. The administration of brokerage and research products and services is managed separately from the trading desks, which means that traders have no responsibility for administering soft dollar activities. Furthermore, certain of the brokerage and research products and services FIMM or its affiliates receive are furnished by brokers on their own initiative, either in connection with a particular transaction or as part of their overall services. Some of these brokerage and research products or services may be provided at no additional cost to FIMM or its affiliates or have no explicit cost associated with them. In addition, FIMM or its affiliates may request that a broker provide a specific proprietary or third-party product or service, certain of which third-party products or services may be provided by a broker that is not a party to a particular transaction and is not connected with the transacting broker's overall services.

FIMM's Decision-Making Process. In connection with the allocation of fund brokerage, FIMM or its affiliates make a good faith determination that the compensation paid to brokers and dealers is reasonable in relation to the value of the brokerage and/or research products and services provided to FIMM or its affiliates, viewed in terms of the particular transaction for a fund or FIMM's or its affiliates' overall responsibilities to that fund or other investment companies and investment accounts for which FIMM or its affiliates have investment discretion; however, each brokerage and research product or service received in connection with a fund's brokerage may not benefit the fund. While FIMM or its affiliates may take into account the brokerage and/or research products and services provided by a broker or dealer in determining whether compensation paid is reasonable, neither FIMM, its affiliates, nor the funds incur an obligation to any broker, dealer, or third party to pay for any brokerage and research product or service (or portion thereof) by generating a specific amount of compensation or otherwise. Typically, these brokerage and research products and services assist FIMM or its affiliates in terms of their overall investment responsibilities to a fund or any other investment companies and investment accounts for which FIMM or its affiliates have investment discretion. Certain funds or investment accounts may use brokerage commissions to acquire brokerage and research products and services that may also benefit other funds or accounts managed by FIMM or its affiliates.

Research Contracts. FIMM or its affiliates have arrangements with certain third-party research providers and brokers through whom FIMM or its affiliates effect fund trades, whereby FIMM or its affiliates may pay with fund commissions or hard dollars for all or a portion of the cost of research products and services purchased from such research providers or brokers. If hard dollar payments are used, FIMM or its affiliates may still cause a fund to pay more for execution than the lowest commission rate available from the broker providing research products and services to FIMM or its affiliates, or that may be available from another broker. FIMM or its affiliates view hard dollar payments for research products and services as likely to reduce a fund's total commission costs. FIMM's or its affiliates' determination to pay for research products and services separately is wholly voluntary on FIMM's or its affiliates' part and may be extended to additional brokers or discontinued with any broker participating in this arrangement.

Affiliated Transactions

FIMM or its affiliates may place trades with certain brokers, including NFS and Luminex, with whom they are under common control or affiliated, provided FIMM or its affiliates determine that these affiliates' trade-execution abilities and costs are comparable to those of non-affiliated, qualified brokerage firms, and that such transactions be executed in accordance with applicable rules under the 1940 Act and procedures adopted by the Board of Trustees of the funds and subject to other applicable law. In addition, FIMM or its affiliates may place trades with brokers that use NFS or FCC as a clearing agent.

The Trustees of each fund have approved procedures whereby a fund may purchase securities that are offered in underwritings in which an affiliate of the adviser or certain other affiliates participate. In addition, for underwritings where such an affiliate participates as a principal underwriter, certain restrictions may apply that could, among other things, limit the amount of securities that the funds could purchase in the underwritings.

Non-U.S. Securities Transactions

To facilitate trade settlement and related activities in non-United States securities transactions, FIMM or its affiliates may effect spot foreign currency transactions with foreign currency dealers. In certain circumstances, due to local law and regulation, logistical or operational challenges, or the process for settling securities transactions in certain markets (e.g., short settlement periods), spot currency transactions may be effected on behalf of funds by parties other than FIMM or its affiliates, including funds' custodian banks (working through sub-custodians or agents in the relevant non-U.S. jurisdiction) or broker-dealers that executed the related securities transaction.

Trade Allocation

Although the Trustees and officers of each fund are substantially the same as those of certain other Fidelity® funds, investment decisions for each fund are made independently from those of other Fidelity® funds or investment accounts (including proprietary accounts). The same security is often held in the portfolio of more than one of these funds or investment accounts. Simultaneous transactions are inevitable when several funds and investment accounts are managed by the same investment adviser, or an affiliate thereof, particularly when the same security is suitable for the investment objective of more than one fund or investment account.

When two or more funds or investment accounts are simultaneously engaged in the purchase or sale of the same security or instrument, the prices and amounts are allocated in accordance with procedures believed by FIMM to be appropriate and equitable to each fund or investment account. In some cases this could have a detrimental effect on the price or value of the security or instrument as far as a fund is concerned. In other cases, however, the ability of the funds to participate in volume transactions will produce better executions and prices for the funds.

FMRC Co., Inc. (FMRC).

The Selection of Securities Brokers and Dealers

FMRC or its affiliates generally have authority to select securities brokers (whether acting as a broker or a dealer) to place or execute a fund's portfolio securities transactions. In selecting securities brokers, including affiliates of FMRC, to execute a fund's portfolio securities transactions, FMRC or its affiliates consider the factors they deem relevant in the context of a particular trade and in regard to FMRC's or its affiliates' overall responsibilities with respect to the fund and other investment accounts, including any instructions from the fund's portfolio manager, which may emphasize, for example, speed of execution over other factors. Based on the factors considered, FMRC or its affiliates may choose to execute an order using ECNs or venues, including algorithmic trading, crossing networks, direct market access and program trading, or by actively working an order. Other possibly relevant factors may include, but are not limited to, the following: price; the size and type of the securities transaction; the reasonableness of compensation to be paid, including spreads and commission rates; the speed and certainty of trade executions, including broker willingness to commit capital; the nature and characteristics of the markets for the security to be purchased or sold, including the degree of specialization of the broker in such markets or securities; the availability of liquidity in the security, including the liquidity and depth afforded by a market center or market-maker; the reliability of a market center or broker; the broker's overall trading relationship with FMRC or its affiliates; the trader's assessment of whether and how closely the broker likely will follow the trader's instructions to the broker; the degree of anonymity that a particular broker or market can provide; the potential for avoiding or lessening market impact; the execution services rendered on a continuing basis; the execution efficiency, settlement capability, and financial condition of the broker or dealer; arrangements for payment of fund expenses, if applicable; and the provision of additional brokerage and research products and services, if applicable and where allowed by law.

In seeking best qualitative execution for portfolio securities transactions, FMRC or its affiliates may select a broker that uses a trading method, including algorithmic trading, for which the broker may charge a higher commission than its lowest available commission rate. FMRC or its affiliates also may select a broker that charges more than the lowest commission rate available from another broker. FMRC or its affiliates may execute an entire securities transaction with a broker and allocate all or a portion of the transaction and/or related commissions to a second broker where a client does not permit trading with an affiliate of FMRC or in other limited situations. In those situations, the commission rate paid to the second broker may be higher than the commission rate paid to the executing broker. For futures transactions, the selection of an FCM is generally based on the overall quality of execution and other services provided by the FCM. FMRC or its affiliates may choose to execute futures transactions electronically.

The Acquisition of Brokerage and Research Products and Services

Brokers (who are not affiliates of FMRC) that execute transactions for a fund managed outside of the European Union may receive higher compensation from the fund than other brokers might have charged the fund, in recognition of the value of the

brokerage or research products and services they provide to FMRC or its affiliates.

Research Products and Services. These products and services may include, when permissible under applicable law, but are not limited to: economic, industry, company, municipal, sovereign (U.S. and non-U.S.), legal, or political research reports; market color; company meeting facilitation; compilation of securities prices, earnings, dividends and similar data; quotation services, data, information and other services; analytical computer software and services; and investment recommendations. In addition to receiving brokerage and research products and services via written reports and computer-delivered services, such reports may also be provided by telephone and in-person meetings with securities analysts, corporate and industry spokespersons, economists, academicians and government representatives and others with relevant professional expertise. FMRC or its affiliates may request that a broker provide a specific proprietary or third-party product or service. Some of these brokerage and research products and services supplement FMRC's or its affiliates' own research activities in providing investment advice to the funds.

Execution Services. In addition, when permissible under applicable law, brokerage and research products and services may include, those that assist in the execution, clearing, and settlement of securities transactions, as well as other incidental functions (including, but not limited to, communication services related to trade execution, order routing and algorithmic trading, post-trade matching, exchange of messages among brokers or dealers, custodians and institutions, and the use of electronic confirmation and affirmation of institutional trades).

Mixed-Use Products and Services. Although FMRC or its affiliates do not use fund commissions to pay for products or services that do not qualify as brokerage and research products and services or eligible external research under MiFID II and FCA regulations (as defined below), where allowed by applicable law, they may use commission dollars to obtain certain products or services that are not used exclusively in FMRC's or its affiliates' investment decision-making process (mixed-use products or services). In those circumstances, FMRC or its affiliates will make a good faith judgment to evaluate the various benefits and uses to which they intend to put the mixed-use product or service, and will pay for that portion of the mixed-use product or service that does not qualify as brokerage and research products and services or eligible external research with their own resources (referred to as "hard dollars").

Benefit to FMRC. FMRC's or its affiliates' expenses likely would be increased if they attempted to generate these additional brokerage and research products and services through their own efforts, or if they paid for these brokerage and research products or services with their own resources. To minimize the potential for conflicts of interest, the trading desks through which FMRC or its affiliates may execute trades are instructed to execute portfolio transactions on behalf of the funds based on the quality of execution without any consideration of brokerage and research products and services the broker or dealer may provide. The administration of brokerage and research products and services is managed separately from the trading desks, which means that traders have no responsibility for administering soft dollar activities. Furthermore, certain of the brokerage and research products and services that FMRC or its affiliates receive are furnished by brokers on their own initiative, either in connection with a particular transaction or as part of their overall services. Some of these brokerage and research products or services may be provided at no additional cost to FMRC or its affiliates or have no explicit cost associated with them. In addition, FMRC or its affiliates may request that a broker provide a specific proprietary or third-party product or service, certain of which third-party products or services may be provided by a broker that is not a party to a particular transaction and is not connected with the transacting broker's overall services.

FMRC's Decision-Making Process. In connection with the allocation of fund brokerage, FMRC or its affiliates make a good faith determination that the compensation paid to brokers and dealers is reasonable in relation to the value of the brokerage and/or research products and services provided to FMRC or its affiliates, viewed in terms of the particular transaction for a fund or FMRC's or its affiliates' overall responsibilities to that fund or other investment companies and investment accounts for which FMRC or its affiliates have investment discretion; however, each brokerage and research product or service received in connection with a fund's brokerage may not benefit the fund. While FMRC or its affiliates may take into account the brokerage and/or research products and services provided by a broker or dealer in determining whether compensation paid is reasonable, neither FMRC, its affiliates, nor the funds incur an obligation to any broker, dealer, or third party to pay for any brokerage and research product or service (or portion thereof) by generating a specific amount of compensation or otherwise. Typically, these brokerage and research products and services assist FMRC or its affiliates in terms of their overall investment responsibilities to a fund or any other investment companies and investment accounts for which FMRC or its affiliates have investment discretion. Certain funds or investment accounts may use brokerage commissions to acquire brokerage and research products and services that may also benefit other funds or accounts managed by FMRC or its affiliates.

Research Contracts. FMRC or its affiliates have arrangements with certain third-party research providers and brokers through whom FMRC or its affiliates effect fund trades, whereby FMRC or its affiliates may pay with fund commissions or hard dollars for all or a portion of the cost of research products and services purchased from such research providers or brokers. If hard dollar payments are used, FMRC or its affiliates may still cause a fund to pay more for execution than the lowest commission rate available from the broker providing research products and services to FMRC or its affiliates, or that may be available from another broker. FMRC or its affiliates view hard dollar payments for research products and services as likely to reduce a fund's total commission costs even though it is expected that in such hard dollar arrangements the commissions available for recapture

and used to pay fund expenses, as described below, will decrease. FMRC's or its affiliates' determination to pay for research products and services separately is wholly voluntary on FMRC's or its affiliates' part and may be extended to additional brokers or discontinued with any broker participating in this arrangement.

Funds Managed within the European Union. FMRC and its affiliates have established policies and procedures relating to brokerage commission uses in compliance with the revised Markets in Financial Instruments Directive in the European Union, commonly referred to as "MiFID II", and the implementation of MiFID II within the United Kingdom through the Conduct of Business Sourcebook Rules of the UK Financial Conduct Authority (the "FCA"), where applicable.

Funds, or portions thereof, that are managed within the European Union by an FMRC affiliate will use research payment accounts (RPAs) to cover costs associated with high yield and equity external research that is consumed by those accounts in accordance with MiFID II and FCA regulations. With RPAs, funds pay for external research through a separate research charge that is generally assessed and collected alongside the execution commission¹. For funds that use an RPA, FMRC or its affiliates will establish a research budget. The budget will be set by first grouping accounts by strategy (e.g., asset allocation, blend, growth, etc.), and then determining what external research is consumed to support the strategies and portfolio management services provided within the European Union. In this regard, research budgets are set by research need and are not otherwise linked to the volume or value of transactions executed on behalf of the account. For funds where portions are managed both within and outside of the European Union, external research may be paid using both soft dollars and an RPA. Determinations as to what is eligible research and how costs are allocated will be made in accordance with FMRC's and its affiliates' policies and procedures. Costs for research consumed by funds that use an RPA will be allocated among the accounts within defined strategies pro rata based on the assets under management for each account. While the research charge paid on behalf of any one fund that uses an RPA may vary over time, the overall research charge determined at the fund level on an annual basis will not be exceeded.

If the costs of paying for external research exceed the amount collected from funds in a given strategy, FMRC or its affiliates may continue to charge those accounts beyond the agreed amount in accordance with the requirements of MiFID II, continue to acquire external research for the accounts using its own resources (referred to as "hard dollars"), or cease to purchase external research for those accounts until the next annual research budget. In the event that assets for specific funds remain in the RPA at the end of a period, they may be rolled over to the next period to offset next year's research charges for those funds or rebated to those funds.

Funds that trade only fixed income securities will not participate in RPAs because fixed income securities trade based on spreads rather than commissions, and thus unbundling the execution commission and research charge is impractical. Therefore, FMRC and its affiliates have established policies and procedures to ensure that external research that is paid for through RPAs is not made available to portfolio managers in the European Union that manage fixed income accounts in any manner inconsistent with MiFID II and FCA regulations.

¹The staff of the SEC addressed concerns that reliance on an RPA mechanism to pay for research would not be deemed a "commission" for purposes of Section 28(e) by indicating that they would not recommend enforcement against investment advisers who used an RPA to pay for research and brokerage services so long as certain conditions were met. Therefore, references to "research charges" as part of the RPA mechanism to satisfy MiFID II requirements can be considered commissions for Section 28(e) purposes.

Commission Recapture

FMRC or its affiliates may allocate brokerage transactions to brokers (who are not affiliates of FMRC) who have entered into arrangements with FMRC or its affiliates under which the broker may rebate a portion of the compensation paid by a fund ("commission recapture"). Not all brokers with whom a fund trades have been asked to participate in brokerage commission recapture.

Affiliated Transactions

FMRC or its affiliates may place trades with certain brokers, including NFS and Luminex, with whom they are under common control or affiliated, provided FMRC or its affiliates determine that these affiliates' trade-execution abilities and costs are comparable to those of non-affiliated, qualified brokerage firms, and that such transactions be executed in accordance with applicable rules under the 1940 Act and procedures adopted by the Board of Trustees of the funds and subject to other applicable law. In addition, FMRC or its affiliates may place trades with brokers that use NFS or FCC as a clearing agent.

The Trustees of each fund have approved procedures whereby a fund may purchase securities that are offered in underwritings in which an affiliate of the adviser or certain other affiliates participate. In addition, for underwritings where such an affiliate participates as a principal underwriter, certain restrictions may apply that could, among other things, limit the amount of securities that the funds could purchase in the underwritings.

Non-U.S. Securities Transactions

To facilitate trade settlement and related activities in non-United States securities transactions, FMRC or its affiliates may

effect spot foreign currency transactions with foreign currency dealers. In certain circumstances, due to local law and regulation, logistical or operational challenges, or the process for settling securities transactions in certain markets (e.g., short settlement periods), spot currency transactions may be effected on behalf of funds by parties other than FMRC or its affiliates, including funds' custodian banks (working through sub-custodians or agents in the relevant non-U.S. jurisdiction) or broker-dealers that executed the related securities transaction.

Trade Allocation

Although the Trustees and officers of each fund are substantially the same as those of certain other Fidelity® funds, investment decisions for each fund are made independently from those of other Fidelity® funds or investment accounts (including proprietary accounts). The same security is often held in the portfolio of more than one of these funds or investment accounts. Simultaneous transactions are inevitable when several funds and investment accounts are managed by the same investment adviser, or an affiliate thereof, particularly when the same security is suitable for the investment objective of more than one fund or investment account.

When two or more funds or investment accounts are simultaneously engaged in the purchase or sale of the same security or instrument, the prices and amounts are allocated in accordance with procedures believed by FMRC to be appropriate and equitable to each fund or investment account. In some cases this could have a detrimental effect on the price or value of the security or instrument as far as a fund is concerned. In other cases, however, the ability of the funds to participate in volume transactions will produce better executions and prices for the funds.

Commissions Paid

A fund may pay compensation including both commissions and spreads in connection with the placement of portfolio transactions. The amount of brokerage commissions paid by a fund may change from year to year because of, among other things, changing asset levels, shareholder activity, and/or portfolio turnover.

For each fund (other than a money market fund), the following table shows the fund's portfolio turnover rate for the fiscal periods ended December 31, 2018 and 2017. Variations in turnover rate may be due to a fluctuating volume of shareholder purchase and redemption orders, market conditions, and/or changes in FMR's investment outlook, as well as changes in mortgage dollar roll transaction volume.

<u>Turnover Rates</u>	<u>2018</u>	<u>2017</u>
VIP Asset Manager Portfolio	27%	26%
VIP Asset Manager: Growth Portfolio	32%	29%
VIP Investment Grade Bond Portfolio	8%	6%
VIP Strategic Income Portfolio	118%	124%

During the fiscal year ended December 31, 2018, VIP Strategic Income Portfolio held securities issued by one or more of its regular brokers or dealers or a parent company of its regular brokers or dealers. The following table shows the aggregate value of the securities of the regular broker or dealer or parent company held by the fund as of the fiscal year ended December 31, 2018.

<u>Fund</u>	<u>Regular Broker or Dealer</u>	<u>Aggregate Value of Securities Held</u>
VIP Strategic Income Portfolio	Bank of America Corp.	\$ 11,353,881
	Barclays PLC	\$ 4,452,933
	Citigroup, Inc.	\$ 6,158,295
	Credit Suisse Group	\$ 1,897,760
	Goldman Sachs Group, Inc.	\$ 5,616,457
	JPMorgan Chase & Co.	\$ 11,254,081
	Royal Bank of Scotland Group PLC	\$ 2,267,699

For the fiscal years ended December 31, 2018, 2017, and 2016, VIP Government Money Market Portfolio and VIP Investment Grade Bond Portfolio paid no brokerage commissions.

The following table shows the total amount of brokerage commissions paid by VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, and VIP Strategic Income Portfolio, comprising commissions paid on securities and/or futures transactions, as applicable, for the fiscal years ended December 31, 2018, 2017, and 2016. The total amount of brokerage commissions paid is stated as a dollar amount and a percentage of the fund's average net assets.

<u>Fund</u>	<u>Fiscal Year Ended</u>	<u>Dollar Amount</u>	<u>Percentage of Average Net Assets</u>
VIP Asset Manager Portfolio	December 31		
	2018	\$ 33,028	0.00%
	2017	\$ 43,422	0.00%
	2016	\$ 418,243	0.04%
VIP Asset Manager: Growth Portfolio	December 31		
	2018	\$ 7,320	0.00%
	2017	\$ 8,110	0.00%
	2016	\$ 100,845	0.05%
VIP Strategic Income Portfolio	December 31		
	2018	\$ 52,663	0.00%
	2017	\$ 24,652	0.00%
	2016	\$ 17,281	0.00%

The table below shows the total amount of brokerage commissions paid by each fund to an affiliated broker for the past three fiscal years. The table also shows the approximate amount of aggregate brokerage commissions paid by a fund to an affiliated broker as a percentage of the approximate aggregate dollar amount of transactions for which the fund paid brokerage commissions as well as the percentage of transactions effected by a fund through an affiliated broker, in each case for the fiscal year ended 2018. Affiliated brokers are paid on a commission basis.

<u>Fund(s)</u>	<u>Fiscal Year End Dec 31</u>	<u>Broker</u>	<u>Affiliated With</u>	<u>Commissions</u>	<u>Percentage of Aggregate Brokerage Commissions</u>	<u>Percentage of Aggregate Dollar Amount of Brokerage Transactions</u>
VIP Asset Manager Portfolio	2018	NFS ⁽¹⁾	FMR LLC	\$ 839	2.54%	3.00%
	2018	Luminex	FMR LLC	\$ 0	0.00%	0.00%
	2017	NFS	FMR LLC	\$ 409		
	2017	Luminex	FMR LLC	\$ 0		
	2016	NFS	FMR LLC	\$ 24,331		
	2016	Luminex	FMR LLC	\$ 1,321		
VIP Asset Manager: Growth Portfolio	2018	NFS ⁽¹⁾	FMR LLC	\$ 191	2.61%	2.95%
	2018	Luminex	FMR LLC	\$ 0	0.00%	0.00%
	2017	NFS	FMR LLC	\$ 94		
	2017	Luminex	FMR LLC	\$ 0		
	2016	NFS	FMR LLC	\$ 5,696		

<u>Fund(s)</u>	<u>Fiscal Year End Dec 31</u>	<u>Broker</u>	<u>Affiliated With</u>	<u>Commissions</u>	<u>Percentage of Aggregate Brokerage Commissions</u>	<u>Percentage of Aggregate Dollar Amount of Brokerage Transactions</u>
VIP Government Money Market Portfolio	2016	Luminex	FMR LLC	\$ 320		
	2018	NFS	FMR LLC	\$ 0	0.00%	0.00%
	2018	Luminex	FMR LLC	\$ 0	0.00%	0.00%
	2017	NFS	FMR LLC	\$ 0		
	2017	Luminex	FMR LLC	\$ 0		
	2016	NFS	FMR LLC	\$ 0		
	2016	Luminex	FMR LLC	\$ 0		
VIP Investment Grade Bond Portfolio	2018	NFS	FMR LLC	\$ 0	0.00%	0.00%
	2018	Luminex	FMR LLC	\$ 0	0.00%	0.00%
	2017	NFS	FMR LLC	\$ 0		
	2017	Luminex	FMR LLC	\$ 0		
	2016	NFS	FMR LLC	\$ 0		
	2016	Luminex	FMR LLC	\$ 0		
	2016	NFS	FMR LLC	\$ 0		
VIP Strategic Income Portfolio	2018	NFS ⁽²⁾	FMR LLC	\$ 1,467	2.79%	2.22%
	2018	Luminex	FMR LLC	\$ 42	0.08%	0.27%
	2017	NFS	FMR LLC	\$ 970		
	2017	Luminex	FMR LLC	\$ 57		
	2016	NFS	FMR LLC	\$ 890		
	2016	Luminex	FMR LLC	\$ 4		

(1) The difference between the percentage of aggregate brokerage commissions paid to, and the percentage of the aggregate dollar amount of transactions effected through, an affiliated broker is a result of the low commission rates charged by an affiliated broker.

(2) The difference between the percentage of aggregate brokerage commissions paid to, and the percentage of the aggregate

dollar amount of transactions effected through, an affiliated broker reflects the relatively low price of certain securities.

The following table shows the dollar amount of brokerage commissions paid to firms that may have provided research or brokerage services and the approximate dollar amount of the transactions involved for the fiscal year ended 2018.

<u>Fund</u>	<u>Fiscal Year Ended</u>	<u>\$ Amount of Commissions Paid to Firms for Providing Research or Brokerage Services</u>	<u>\$ Amount of Brokerage Transactions Involved</u>
VIP Asset Manager Portfolio	December 31, 2018	\$ 19,037	\$ 99,698,096
VIP Asset Manager: Growth Portfolio	December 31, 2018	\$ 4,311	\$ 21,247,932
VIP Strategic Income Portfolio	December 31, 2018	\$ 38,854	\$ 79,744,315

During the fiscal year ended December 31, 2018, VIP Government Money Market Portfolio and VIP Investment Grade Bond Portfolio paid no brokerage commissions to firms for providing research or brokerage services.

The following table shows the brokerage commissions that were allocated for research or brokerage services for the twelve-month period ended September 30, 2018.

<u>Fund</u>	<u>Twelve Month Period Ended</u>	<u>\$ Amount of Commissions Allocated for Research or Brokerage Services⁽¹⁾</u>
VIP Strategic Income Portfolio	September 30, 2018	\$ 7,121

(1) The staff of the Securities and Exchange Commission (SEC) addressed concerns that reliance on an RPA mechanism to pay for research would not be deemed a “commission” for purposes of Section 28(e) by indicating that they would not recommend enforcement against investment advisers who used an RPA to pay for research and brokerage services so long as certain conditions were met. Therefore, references to “research charges” as part of the RPA mechanism to satisfy MiFID II requirements can be considered commissions for Section 28(e) purposes.

During the twelve-month period ended September 30, 2018, VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, VIP Government Money Market Portfolio, and VIP Investment Grade Bond Portfolio did not allocate brokerage commissions to firms for providing research or brokerage services.

VALUATION

The NAV is the value of a single share. NAV is computed by adding a class’s pro rata share of the value of a fund’s investments, cash, and other assets, subtracting the class’s pro rata share of the fund’s liabilities, subtracting the liabilities allocated to the class, and dividing the result by the number of shares of that class that are outstanding.

The Board of Trustees has ultimate responsibility for pricing, but has delegated day-to-day valuation responsibilities to FMR. FMR has established the FMR Fair Value Committee (the Committee) to fulfill these responsibilities.

Growth & Income, Asset Allocation, and Income Funds.

Shares of open-end investment companies (including any underlying central funds) held by a fund are valued at their respective NAVs. If an underlying fund’s NAV is unavailable, shares of that underlying fund will be fair valued in good faith by the Committee in accordance with applicable fair value pricing policies.

Generally, other portfolio securities and assets held by a fund, as well as portfolio securities and assets held by an underlying central fund, are valued as follows:

Most equity securities are valued at the official closing price or the last reported sale price or, if no sale has occurred, at the last quoted bid price on the primary market or exchange on which they are traded.

Debt securities and other assets for which market quotations are readily available may be valued at market values in the principal market in which they normally are traded, as furnished by recognized dealers in such securities or assets. Or, debt securities and convertible securities may be valued on the basis of information furnished by a pricing service that uses a valuation

matrix which incorporates both dealer-supplied valuations and electronic data processing techniques.

Short-term securities with remaining maturities of sixty days or less for which market quotations and information furnished by a pricing service are not readily available may be valued at amortized cost, which approximates current value.

Futures contracts are valued at the settlement or closing price. Options are valued at their market quotations, if available. Swaps are valued daily using quotations received from independent pricing services or recognized dealers.

Prices described above are obtained from pricing services that have been approved by the Board of Trustees. A number of pricing services are available and the funds may use more than one of these services. The funds may also discontinue the use of any pricing service at any time. FMR engages in oversight activities with respect to the fund's pricing services, which includes, among other things, testing the prices provided by pricing services prior to calculation of a fund's NAV, conducting periodic due diligence meetings, and periodically reviewing the methodologies and inputs used by these services.

Foreign securities and instruments are valued in their local currency following the methodologies described above. Foreign securities, instruments and currencies are translated to U.S. dollars, based on foreign currency exchange rate quotations supplied by a pricing service as of the close of the New York Stock Exchange (NYSE), which uses a proprietary model to determine the exchange rate. Forward foreign currency exchange contracts are valued at an interpolated rate based on days to maturity between the closest preceding and subsequent settlement period reported by the third party pricing service.

Other portfolio securities and assets for which market quotations, official closing prices, or information furnished by a pricing service are not readily available or, in the opinion of the Committee, are deemed unreliable will be fair valued in good faith by the Committee in accordance with applicable fair value pricing policies. For example, if, in the opinion of the Committee, a security's value has been materially affected by events occurring before a fund's pricing time but after the close of the exchange or market on which the security is principally traded, that security will be fair valued in good faith by the Committee in accordance with applicable fair value pricing policies. In fair valuing a security, the Committee may consider factors including price movements in futures contracts and ADRs, market and trading trends, the bid/ask quotes of brokers, and off-exchange institutional trading.

Money Market Fund.

Shares of open-end investment companies (including any underlying money market central funds) held by a fund are valued at their respective NAVs.

Other portfolio securities and assets held by a fund are valued on the basis of amortized cost. This technique involves initially valuing an instrument at its cost as adjusted for amortization of premium or accretion of discount rather than its current market value. The amortized cost value of an instrument may be higher or lower than the price a fund would receive if it sold the instrument.

At such intervals as they deem appropriate, the Trustees consider the extent to which NAV calculated using market valuations would deviate from the \$1.00 per share calculated using amortized cost valuation. If the Trustees believe that a deviation from a fund's amortized cost per share may result in material dilution or other unfair results to shareholders, the Trustees have agreed to take such corrective action, if any, as they deem appropriate to eliminate or reduce, to the extent reasonably practicable, the dilution or unfair results. Such corrective action could include selling portfolio instruments prior to maturity to realize capital gains or losses or to shorten average portfolio maturity; withholding dividends; redeeming shares in kind; establishing NAV by using available market quotations; and such other measures as the Trustees may deem appropriate.

Generally, portfolio securities and assets held by an underlying money market central fund are valued as follows:

If quotations are not available, debt securities are usually valued on the basis of information furnished by a pricing service that uses a valuation matrix which incorporates both dealer-supplied valuations and electronic data processing techniques.

Prices described above are obtained from pricing services that have been approved by the Board of Trustees. A number of pricing services are available and the funds may use more than one of these services. The funds may also discontinue the use of any pricing service at any time. FMR engages in oversight activities with respect to the fund's pricing services, which includes, among other things, testing the prices provided by pricing services prior to calculation of a fund's NAV, conducting periodic due diligence meetings, and periodically reviewing the methodologies and inputs used by these services.

Other portfolio securities and assets for which market quotations, official closing prices, or information furnished by a pricing service are not readily available or, in the opinion of the Committee, are deemed unreliable will be fair valued in good faith by the Committee in accordance with applicable fair value pricing policies. For example, if, in the opinion of the Committee, a security's value has been materially affected by events occurring before a fund's pricing time but after the close of the exchange or market on which the security is principally traded, that security will be fair valued in good faith by the Committee in accordance with applicable fair value pricing policies. In fair valuing a security, the Committee may consider factors including market and trading activity, bid/ask quotes of brokers, and prices of similar securities.

FMR reports to the Board on the Committee's activities and fair value determinations. The Board monitors the appropriateness

of the procedures used in valuing the fund's investments and ratifies the fair value determinations of the Committee.

BUYING AND SELLING INFORMATION

A fund may make redemption payments in whole or in part in readily marketable securities or other property pursuant to procedures approved by the Trustees if FMR determines it is in the best interests of the fund. Such securities or other property will be valued for this purpose as they are valued in computing each class's NAV. Shareholders that receive securities or other property will realize, upon receipt, a gain or loss for tax purposes, and will incur additional costs and be exposed to market risk prior to and upon the sale of such securities or other property.

Each fund, in its discretion, may determine to issue its shares in kind in exchange for securities held by the purchaser having a value, determined in accordance with the fund's policies for valuation of portfolio securities, equal to the purchase price of the fund shares issued. A fund will accept for in-kind purchases only securities or other instruments that are appropriate under its investment objective and policies. In addition, a fund generally will not accept securities of any issuer unless they are liquid, have a readily ascertainable market value, and are not subject to restrictions on resale. All dividends, distributions, and subscription or other rights associated with the securities become the property of the fund, along with the securities. Shares purchased in exchange for securities in kind generally cannot be redeemed for fifteen days following the exchange to allow time for the transfer to settle.

DISTRIBUTIONS AND TAXES

The following information is only a summary of some of the tax consequences affecting insurance company separate accounts invested in the funds. No attempt has been made to discuss tax consequences affecting variable product owners. Variable product owners seeking to understand the tax consequences of their investment should consult with their tax advisers or the insurance company that issued their variable product, or refer to their variable annuity or variable life insurance product prospectus.

Each fund intends to qualify each year as a "regulated investment company" under Subchapter M of the Internal Revenue Code so that it will not be liable for federal tax on income and capital gains distributed to insurance company separate accounts invested in the fund. In order to qualify as a regulated investment company, and avoid being subject to federal income or excise taxes at the fund level, each fund intends to distribute substantially all of its net investment income and net realized capital gains within each calendar year as well as on a fiscal year basis (if the fiscal year is other than the calendar year), and intends to comply with other tax rules applicable to regulated investment companies. If a fund failed to qualify as a "regulated investment company" in any year, among other consequences, each insurance company separate account invested in the fund could fail to satisfy the diversification requirements of Section 817(h) of the Internal Revenue Code.

Each fund also intends to satisfy the diversification requirements of Section 817(h) of the Internal Revenue Code and the regulations thereunder. These diversification requirements, which are in addition to the diversification requirements of Subchapter M, place certain limitations on the assets of an insurance company separate account that may be invested in the securities of a single issuer or a certain number of issuers. Because Section 817(h) and the regulations thereunder treat the assets of each fund as the assets of the related insurance company separate account, each fund must also satisfy these requirements. If a fund failed to satisfy these requirements, a variable annuity or variable life insurance product supported by an insurance company separate account invested in the fund may not be treated as an annuity or as life insurance for tax purposes and may no longer be eligible for tax deferral.

Assuming that a fund satisfies the Section 817(h) diversification requirements and certain other related requirements, the insurance company separate accounts will be respected as the owners of the shares of the fund for U.S. federal income tax purposes. As the owners of the shares, the insurance company separate accounts and not the variable product owners will recognize the dividends and capital gain distributions paid by the fund, although the insurance company separate accounts generally will not pay income tax on those dividends or capital gain distributions to the extent the income and gains are applied to increase the values of the applicable variable products. In addition, as the owners of the shares, the insurance company separate accounts will get the benefit of any pass-through items that the fund reports to its shareholders including the portion if any of the dividends paid that are eligible for the dividends received deduction and if applicable as described below eligible foreign taxes paid by the fund. The insurance company is not required to make any payment to the fund to share with variable product owners the benefit which may be material of these pass-through items.

Foreign governments may impose withholding taxes on dividends and interest earned by a fund with respect to foreign securities held directly by a fund. Foreign governments may also impose taxes on other payments or gains with respect to foreign securities held directly by a fund. As a general matter, if, at the close of its fiscal year, more than 50% of a fund's total assets is invested in securities of foreign issuers, the fund may elect to pass through eligible foreign taxes paid and thereby allow shareholders to take a deduction or, if they meet certain holding period requirements with respect to fund shares, a credit on their tax returns. In addition, if at the close of each quarter of its fiscal year at least 50% of a fund's total assets is represented by interests in other regulated investment companies, the same rules will apply to any foreign tax credits that underlying funds pass through to the fund.

The following table shows a fund's aggregate capital loss carryforward as of December 31, 2018, which is available to offset future capital gains. A fund's ability to utilize its capital loss carryforwards in a given year or in total may be limited.

<u>Fund Name</u>	<u>VIP Asset Manager Portfolio</u>	<u>VIP Asset Manager: Growth Portfolio</u>	<u>VIP Government Money Market Portfolio</u>	<u>VIP Investment Grade Bond Portfolio</u>
Capital Loss Carryforward (CLC)	\$ 0	\$ 0	\$ 0	\$ 17,096,391
<u>Fund Name</u>	<u>VIP Strategic Income Portfolio</u>			
Capital Loss Carryforward (CLC)	\$ 2,332,373			

TRUSTEES AND OFFICERS

The Trustees, Members of the Advisory Board (if any), and officers of the trust and funds, as applicable, are listed below. The Board of Trustees governs each fund and is responsible for protecting the interests of shareholders. The Trustees are experienced executives who meet periodically throughout the year to oversee each fund's activities, review contractual arrangements with companies that provide services to each fund, oversee management of the risks associated with such activities and contractual arrangements, and review each fund's performance. Each of the Trustees oversees 260 funds.

The Trustees hold office without limit in time except that (a) any Trustee may resign; (b) any Trustee may be removed by written instrument, signed by at least two-thirds of the number of Trustees prior to such removal; (c) any Trustee who requests to be retired or who has become incapacitated by illness or injury may be retired by written instrument signed by a majority of the other Trustees; and (d) any Trustee may be removed at any special meeting of shareholders by a two-thirds vote of the outstanding voting securities of the trust. Each Trustee who is not an interested person (as defined in the 1940 Act) of the trust and the funds is referred to herein as an Independent Trustee. Each Independent Trustee shall retire not later than the last day of the calendar year in which his or her 75th birthday occurs. The Independent Trustees may waive this mandatory retirement age policy with respect to individual Trustees. Officers and Advisory Board Members hold office without limit in time, except that any officer or Advisory Board Member may resign or may be removed by a vote of a majority of the Trustees at any regular meeting or any special meeting of the Trustees. Except as indicated, each individual has held the office shown or other offices in the same company for the past five years.

Experience, Skills, Attributes, and Qualifications of the Trustees. The Governance and Nominating Committee has adopted a statement of policy that describes the experience, qualifications, attributes, and skills that are necessary and desirable for potential Independent Trustee candidates (Statement of Policy). The Board believes that each Trustee satisfied at the time he or she was initially elected or appointed a Trustee, and continues to satisfy, the standards contemplated by the Statement of Policy. The Governance and Nominating Committee also engages professional search firms to help identify potential Independent Trustee candidates who have the experience, qualifications, attributes, and skills consistent with the Statement of Policy. From time to time, additional criteria based on the composition and skills of the current Independent Trustees, as well as experience or skills that may be appropriate in light of future changes to board composition, business conditions, and regulatory or other developments, have also been considered by the professional search firms and the Governance and Nominating Committee. In addition, the Board takes into account the Trustees' commitment and participation in Board and committee meetings, as well as their leadership of standing and ad hoc committees throughout their tenure.

In determining that a particular Trustee was and continues to be qualified to serve as a Trustee, the Board has considered a variety of criteria, none of which, in isolation, was controlling. The Board believes that, collectively, the Trustees have balanced and diverse experience, qualifications, attributes, and skills, which allow the Board to operate effectively in governing each fund and protecting the interests of shareholders. Information about the specific experience, skills, attributes, and qualifications of each Trustee, which in each case led to the Board's conclusion that the Trustee should serve (or continue to serve) as a trustee of the funds, is provided below.

Board Structure and Oversight Function. Abigail P. Johnson is an interested person and currently serves as Chairman. The Trustees have determined that an interested Chairman is appropriate and benefits shareholders because an interested Chairman has a personal and professional stake in the quality and continuity of services provided to the funds. Independent Trustees exercise their informed business judgment to appoint an individual of their choosing to serve as Chairman, regardless of whether the Trustee happens to be independent or a member of management. The Independent Trustees have determined that they can act independently and effectively without having an Independent Trustee serve as Chairman and that a key structural component for assuring that they are in a position to do so is for the Independent Trustees to constitute a substantial majority for the Board. The Independent Trustees also regularly meet in executive session. Arthur E. Johnson serves as Chairman of the Independent Trustees and as such (i) acts as a liaison between the Independent Trustees and management with respect to matters important to the Independent Trustees and (ii) with management prepares agendas for Board meetings.

Fidelity® funds are overseen by different Boards of Trustees. The funds' Board oversees Fidelity's investment-grade bond,

money market, asset allocation and certain equity funds, and other Boards oversee Fidelity's high income and other equity funds. The asset allocation funds may invest in Fidelity® funds that are overseen by such other Boards. The use of separate Boards, each with its own committee structure, allows the Trustees of each group of Fidelity® funds to focus on the unique issues of the funds they oversee, including common research, investment, and operational issues. On occasion, the separate Boards establish joint committees to address issues of overlapping consequences for the Fidelity® funds overseen by each Board.

The Trustees operate using a system of committees to facilitate the timely and efficient consideration of all matters of importance to the Trustees, each fund, and fund shareholders and to facilitate compliance with legal and regulatory requirements and oversight of the funds' activities and associated risks. The Board, acting through its committees, has charged FMR and its affiliates with (i) identifying events or circumstances the occurrence of which could have demonstrably adverse effects on the funds' business and/or reputation; (ii) implementing processes and controls to lessen the possibility that such events or circumstances occur or to mitigate the effects of such events or circumstances if they do occur; and (iii) creating and maintaining a system designed to evaluate continuously business and market conditions in order to facilitate the identification and implementation processes described in (i) and (ii) above. Because the day-to-day operations and activities of the funds are carried out by or through FMR, its affiliates, and other service providers, the funds' exposure to risks is mitigated but not eliminated by the processes overseen by the Trustees. While each of the Board's committees has responsibility for overseeing different aspects of the funds' activities, oversight is exercised primarily through the Operations and Audit Committees. In addition, an ad hoc Board committee of Independent Trustees has worked with FMR to enhance the Board's oversight of investment and financial risks, legal and regulatory risks, technology risks, and operational risks, including the development of additional risk reporting to the Board. The Operations Committee also worked and continues to work with FMR to enhance the stress tests required under SEC regulations for money market funds. Appropriate personnel, including but not limited to the funds' Chief Compliance Officer (CCO), FMR's internal auditor, the independent accountants, the funds' Treasurer and portfolio management personnel, make periodic reports to the Board's committees, as appropriate, including an annual review of Fidelity's risk management program for the Fidelity® funds. The responsibilities of each standing committee, including their oversight responsibilities, are described further under "Standing Committees of the Trustees."

Interested Trustees*:

Correspondence intended for a Trustee who is an interested person may be sent to Fidelity Investments, 245 Summer Street, Boston, Massachusetts 02210.

Name, Year of Birth; Principal Occupations and Other Relevant Experience+

Abigail P. Johnson (1961)

Year of Election or Appointment: 2009

Trustee

Chairman of the Board of Trustees

Ms. Johnson also serves as Trustee of other Fidelity® funds. Ms. Johnson serves as Chairman (2016-present), Chief Executive Officer (2014-present), and Director (2007-present) of FMR LLC (diversified financial services company), President of Fidelity Financial Services (2012-present) and President of Personal, Workplace and Institutional Services (2005-present). Ms. Johnson is Chairman and Director of FMR Co., Inc. (investment adviser firm, 2011-present) and Chairman and Director of FMR (investment adviser firm, 2011-present). Previously, Ms. Johnson served as Vice Chairman (2007-2016) and President (2013-2016) of FMR LLC, President and a Director of FMR (2001-2005), a Trustee of other investment companies advised by FMR, Fidelity Investments Money Management, Inc. (investment adviser firm), and FMR Co., Inc. (2001-2005), Senior Vice President of the Fidelity® funds (2001-2005), and managed a number of Fidelity® funds. Ms. Abigail P. Johnson and Mr. Arthur E. Johnson are not related.

Jennifer Toolin McAuliffe (1959)

Year of Election or Appointment: 2016

Trustee

Ms. McAuliffe also serves as Trustee of other Fidelity® funds. Ms. McAuliffe previously served as a Member of the Advisory Board of certain Fidelity® funds (2016) and as Co-Head of Fixed Income of Fidelity Investments Limited (now known as FIL Limited (FIL)) (diversified financial services company). Earlier roles at FIL included Director of Research for FIL's credit and quantitative teams in London, Hong Kong and Tokyo. Ms. McAuliffe also was the Director of Research for taxable and municipal bonds at Fidelity Investments Money Management, Inc. Ms. McAuliffe is also a director or trustee of several not-for-profit entities.

* Determined to be an "Interested Trustee" by virtue of, among other things, his or her affiliation with the trust or various entities under common control with FMR.

+ The information includes the Trustee's principal occupation during the last five years and other information relating to the experience, attributes, and skills relevant to the Trustee's qualifications to serve as a Trustee, which led to the conclusion that the

Trustee should serve as a Trustee for each fund.

Independent Trustees:

Correspondence intended for an Independent Trustee may be sent to Fidelity Investments, P.O. Box 55235, Boston, Massachusetts 02205-5235.

Name, Year of Birth; Principal Occupations and Other Relevant Experience+

Elizabeth S. Acton (1951)

Year of Election or Appointment: 2013

Trustee

Ms. Acton also serves as Trustee of other Fidelity® funds. Prior to her retirement in April 2012, Ms. Acton was Executive Vice President, Finance (2011-2012), Executive Vice President, Chief Financial Officer (2002-2011), and Treasurer (2004-2005) of Comerica Incorporated (financial services). Prior to joining Comerica, Ms. Acton held a variety of positions at Ford Motor Company (1983-2002), including Vice President and Treasurer (2000-2002) and Executive Vice President and Chief Financial Officer of Ford Motor Credit Company (1998-2000). Ms. Acton currently serves as a member of the Board of Directors and Audit and Finance Committees of Beazer Homes USA, Inc. (homebuilding, 2012-present). Previously, Ms. Acton served as a Member of the Advisory Board of certain Fidelity® funds (2013-2016).

Ann E. Dunwoody (1953)

Year of Election or Appointment: 2018

Trustee

General Dunwoody also serves as Trustee of other Fidelity® funds. General Dunwoody (United States Army, Retired) was the first woman in U.S. military history to achieve the rank of four-star general and prior to her retirement in 2012 held a variety of positions within the U.S. Army, including Commanding General, U.S. Army Material Command (2008-2012). She is the President of First to Four LLC (leadership and mentoring services, 2012-present). She also serves as a member of the Board of Directors and Nominating and Corporate Governance Committee of L3 Technologies, Inc. (communication, electronic, sensor, and aerospace systems, 2013-present), Board of Directors and Nomination and Corporate Governance Committees of Kforce Inc. (professional staffing services, 2016-present) and Board of Directors of Automattic Inc. (software engineering, 2018-present). Previously, General Dunwoody served as a Member of the Advisory Board of certain Fidelity® funds (2018), a member of the Board of Directors and Audit and Sustainability and Corporate Responsibility Committees of Republic Services, Inc. (waste collection, disposal and recycling, 2013-2016). Ms. Dunwoody also serves on several boards for non-profit organizations, including as a member of the Board of Directors, Chair of the Nomination and Governance Committee and member of the Audit Committee of Logistics Management Institute (consulting non-profit, 2012-present), a member of the Board of Directors of the Army Historical Foundation (2015-present), a member of the Council of Trustees for the Association of the United States Army (advocacy non-profit, 2013-present) and a member of the Board of Trustees of Florida Institute of Technology (2015-present) and ThanksUSA (military family education non-profit, 2014-present).

John Engler (1948)

Year of Election or Appointment: 2014

Trustee

Mr. Engler also serves as Trustee of other Fidelity® funds. He serves on the board of directors for Universal Forest Products (manufacturer and distributor of wood and wood-alternative products, 2003-present) and K12 Inc. (technology-based education company, 2012-present). Previously, Mr. Engler served as interim president of Michigan State University (2018-2019), a Member of the Advisory Board of certain Fidelity® funds (2014-2016), president of the Business Roundtable (2011-2017), a trustee of The Munder Funds (2003-2014), president and CEO of the National Association of Manufacturers (2004-2011), member of the Board of Trustees of the Annie E. Casey Foundation (2004-2015), and as governor of Michigan (1991-2003). He is a past chairman of the National Governors Association.

Robert F. Gartland (1951)

Year of Election or Appointment: 2010

Trustee

Mr. Gartland also serves as Trustee of other Fidelity® funds. Mr. Gartland is Chairman and an investor in Gartland & Mellina Group Corp. (consulting, 2009-present). Previously, Mr. Gartland served as a partner and investor of Vietnam Partners LLC (investments and consulting, 2008-2011). Prior to his retirement, Mr. Gartland held a variety of positions at Morgan Stanley (financial services, 1979-2007), including Managing Director (1987-2007), and Chase Manhattan Bank (1975-1978).

Arthur E. Johnson (1947)

Year of Election or Appointment: 2008

Trustee

Chairman of the Independent Trustees

Mr. Johnson also serves as Trustee of other Fidelity® funds. Mr. Johnson serves as a member of the Board of Directors of Eaton Corporation plc (diversified power management, 2009-present) and Booz Allen Hamilton (management consulting, 2011-present). Prior to his retirement, Mr. Johnson served as Senior Vice President of Corporate Strategic Development of Lockheed Martin Corporation (defense contractor, 1999-2009). Mr. Johnson previously served as Vice Chairman (2015-2018) of the Independent Trustees of certain Fidelity® funds and on the Board of Directors of IKON Office Solutions, Inc. (1999-2008), AGL Resources, Inc. (holding company, 2002-2016), and Delta Airlines (2005-2007). Mr. Arthur E. Johnson is not related to Ms. Abigail P. Johnson.

Michael E. Kenneally (1954)

Year of Election or Appointment: 2009

Trustee

Vice Chairman of the Independent Trustees

Mr. Kenneally also serves as Trustee of other Fidelity® funds. Prior to his retirement, Mr. Kenneally served as Chairman and Global Chief Executive Officer of Credit Suisse Asset Management. Before joining Credit Suisse, he was an Executive Vice President and Chief Investment Officer for Bank of America Corporation. Earlier roles at Bank of America included Director of Research, Senior Portfolio Manager and Research Analyst, and Mr. Kenneally was awarded the Chartered Financial Analyst (CFA) designation in 1991.

Marie L. Knowles (1946)

Year of Election or Appointment: 2001

Trustee

Ms. Knowles also serves as Trustee of other Fidelity® funds. Prior to Ms. Knowles' retirement in June 2000, she served as Executive Vice President and Chief Financial Officer of Atlantic Richfield Company (ARCO) (diversified energy, 1996-2000). From 1993 to 1996, she was a Senior Vice President of ARCO and President of ARCO Transportation Company (pipeline and tanker operations). Ms. Knowles currently serves as a Director and Chairman of the Audit Committee of McKesson Corporation (healthcare service, since 2002). Ms. Knowles is a member of the Board of the Santa Catalina Island Company (real estate, 2009-present). Ms. Knowles is a Member of the Investment Company Institute Board of Governors and a Member of the Governing Council of the Independent Directors Council (2014-present). She also serves as a member of the Advisory Board for the School of Engineering of the University of Southern California. Previously, Ms. Knowles served as a Director of Phelps Dodge Corporation (copper mining and manufacturing, 1994-2007), URS Corporation (engineering and construction, 2000-2003) and America West (airline, 1999-2002). Ms. Knowles previously served as Chairman (2015-2018) and Vice Chairman (2012-2015) of the Independent Trustees of certain Fidelity® funds.

Mark A. Murray (1954)

Year of Election or Appointment: 2016

Trustee

Mr. Murray also serves as Trustee of other Fidelity® funds. Mr. Murray is Vice Chairman (2013-present) of Meijer, Inc. (regional retail chain). Previously, Mr. Murray served as a Member of the Advisory Board of certain Fidelity® funds (2016) and as Co-Chief Executive Officer (2013-2016) and President (2006-2013) of Meijer, Inc. Mr. Murray serves as a member of the Board of Directors and Nuclear Review and Public Policy and Responsibility Committees of DTE Energy Company (diversified energy company, 2009-present). Mr. Murray also serves as a member of the Board of Directors of Spectrum Health (not-for-profit health system, 2015-present). Mr. Murray previously served as President of Grand Valley State University (2001-2006), Treasurer for the State of Michigan (1999-2001), Vice President of Finance and Administration for Michigan State University (1998-1999), and a member of the Board of Directors and Audit Committee and Chairman of the Nominating and Corporate Governance Committee of Universal Forest Products, Inc. (manufacturer and distributor of wood and wood-alternative products, 2004-2016). Mr. Murray is also a director or trustee of many community and professional organizations.

+ The information includes the Trustee's principal occupation during the last five years and other information relating to the experience, attributes, and skills relevant to the Trustee's qualifications to serve as a Trustee, which led to the conclusion that the Trustee should serve as a Trustee for each fund.

Advisory Board Members and Officers:

Correspondence intended for an officer may be sent to Fidelity Investments, 245 Summer Street, Boston, Massachusetts 02210. Officers appear below in alphabetical order.

Name, Year of Birth; Principal Occupation

Elizabeth Paige Baumann (1968)

Year of Election or Appointment: 2017

Anti-Money Laundering (AML) Officer

Ms. Baumann also serves as AML Officer of other funds. She is Chief AML Officer (2012-present) and Senior Vice President (2014-present) of FMR LLC (diversified financial services company) and is an employee of Fidelity Investments. Previously, Ms. Baumann served as AML Officer of the funds (2012-2016), and Vice President (2007-2014) and Deputy Anti-Money Laundering Officer (2007-2012) of FMR LLC.

Craig S. Brown (1977)

Year of Election or Appointment: 2019

Assistant Treasurer

Mr. Brown also serves as Assistant Treasurer of other funds. Mr. Brown is an employee of Fidelity Investments (2013-present).

John J. Burke III (1964)

Year of Election or Appointment: 2018

Chief Financial Officer

Mr. Burke also serves as Chief Financial Officer of other funds. Mr. Burke serves as Head of Investment Operations for Fidelity Fund and Investment Operations (2018-present) and is an employee of Fidelity Investments (1998-present). Previously Mr. Burke served as head of Asset Management Investment Operations (2012-2018).

William C. Coffey (1969)

Year of Election or Appointment: 2018

Secretary and Chief Legal Officer (CLO)

Mr. Coffey also serves as Secretary and CLO of other funds. Mr. Coffey serves as CLO, Secretary, and Senior Vice President of Fidelity Management & Research Company and FMR Co., Inc. (investment adviser firms, 2018-present); Secretary of Fidelity SelectCo, LLC and Fidelity Investments Money Management, Inc. (investment adviser firms, 2018-present); and CLO of Fidelity Management & Research (Hong Kong) Limited, FMR Investment Management (UK) Limited, and Fidelity Management & Research (Japan) Limited (investment adviser firms, 2018-present). He is Senior Vice President and Deputy General Counsel of FMR LLC (diversified financial services company, 2010-present), and is an employee of Fidelity Investments. Previously, Mr. Coffey served as Assistant Secretary of certain funds (2009-2018) and as Vice President and Associate General Counsel of FMR LLC (2005-2009).

Jonathan Davis (1968)

Year of Election or Appointment: 2010

Assistant Treasurer

Mr. Davis also serves as Assistant Treasurer of other funds. Mr. Davis serves as Assistant Treasurer of FMR Capital, Inc. (2017-present) and is an employee of Fidelity Investments. Previously, Mr. Davis served as Vice President and Associate General Counsel of FMR LLC (diversified financial services company, 2003-2010).

Adrien E. Deberghes (1967)

Year of Election or Appointment: 2010

Assistant Treasurer

Mr. Deberghes also serves as an officer of other funds. He serves as Assistant Treasurer of FMR Capital, Inc. (2017-present), Executive Vice President of Fidelity Investments Money Management, Inc. (FIMM) (investment adviser firm, 2016-present), and is an employee of Fidelity Investments (2008-present). Previously, Mr. Deberghes served as President and Treasurer of certain Fidelity® funds (2013-2018). Prior to joining Fidelity Investments, Mr. Deberghes was Senior Vice President of Mutual Fund Administration at State Street Corporation (2007-2008), Senior Director of Mutual Fund Administration at Investors Bank & Trust (2005-2007), and Director of Finance for Dunkin' Brands (2000-2005). Previously, Mr. Deberghes served in other fund officer roles.

Laura M. Del Prato (1964)

Year of Election or Appointment: 2018

President and Treasurer

Ms. Del Prato also serves as an officer of other funds. Ms. Del Prato is an employee of Fidelity Investments (2017-present). Prior to joining Fidelity Investments, Ms. Del Prato served as a Managing Director and Treasurer of the JPMorgan Mutual Funds (2014-2017). Prior to JPMorgan, Ms. Del Prato served as a partner at Cohen Fund Audit Services (accounting firm, 2012-2013) and KPMG LLP (accounting firm, 2004-2012).

Colm A. Hogan (1973)

Year of Election or Appointment: 2016

Assistant Treasurer

Mr. Hogan also serves as an officer of other funds. Mr. Hogan serves as Assistant Treasurer of FMR Capital, Inc. (2017-present) and is an employee of Fidelity Investments (2005-present). Previously, Mr. Hogan served as Assistant Treasurer of certain Fidelity® funds (2016-2018).

Chris Maher (1972)

Year of Election or Appointment: 2013

Assistant Treasurer

Mr. Maher serves as Assistant Treasurer of other funds. Mr. Maher is Vice President of Valuation Oversight, serves as Assistant Treasurer of FMR Capital, Inc. (2017-present), and is an employee of Fidelity Investments. Previously, Mr. Maher served as Vice President of Asset Management Compliance (2013), Vice President of the Program Management Group of FMR (investment adviser firm, 2010-2013), and Vice President of Valuation Oversight (2008-2010).

John B. McGinty, Jr. (1962)

Year of Election or Appointment: 2016

Chief Compliance Officer

Mr. McGinty also serves as Chief Compliance Officer of other funds. Mr. McGinty is Senior Vice President of Asset Management Compliance for Fidelity Investments and is an employee of Fidelity Investments (2016-present). Mr. McGinty previously served as Vice President, Senior Attorney at Eaton Vance Management (investment management firm, 2015-2016), and prior to Eaton Vance as global CCO for all firm operations and registered investment companies at GMO LLC (investment management firm, 2009-2015). Before joining GMO LLC, Mr. McGinty served as Senior Vice President, Deputy General Counsel for Fidelity Investments (2007-2009).

Jason P. Pogorelec (1975)

Year of Election or Appointment: 2015

Assistant Secretary

Mr. Pogorelec also serves as Assistant Secretary of other funds. Mr. Pogorelec serves as Vice President, Associate General Counsel (2010-present) and is an employee of Fidelity Investments (2006-present).

Nancy D. Prior (1967)

Year of Election or Appointment: 2014

Vice President

Ms. Prior also serves as Vice President of other funds. Ms. Prior serves as President Fixed Income, High Income/Emerging Market Debt and Multi Asset Class Strategies of FIAM LLC (2018-present), President (2016-present) and Director (2014-present) of Fidelity Investments Money Management, Inc. (FIMM) (investment adviser firm), President, Fixed Income (2014-present), and is an employee of Fidelity Investments (2002-present). Previously, Ms. Prior served as Vice Chairman of FIAM LLC (investment adviser firm, 2014-2018), a Director of FMR Investment Management (UK) Limited (investment adviser firm, 2015-2018), President Multi-Asset Class Strategies of FMR's Global Asset Allocation Division (2017-2018), Vice President of Fidelity's Money Market Funds (2012-2014), President, Money Market and Short Duration Bond Group of Fidelity Management & Research (FMR) (investment adviser firm, 2013-2014), President, Money Market Group of FMR (2011-2013), Managing Director of Research (2009-2011), Senior Vice President and Deputy General Counsel (2007-2009), and Assistant Secretary of certain Fidelity® funds (2008-2009).

Stacie M. Smith (1974)

Year of Election or Appointment: 2013

Assistant Treasurer

Ms. Smith also serves as an officer of other funds. Ms. Smith serves as Assistant Treasurer of FMR Capital, Inc. (2017-present), is an employee of Fidelity Investments (2009-present), and has served in other fund officer roles. Prior to joining Fidelity Investments, Ms. Smith served as Senior Audit Manager of Ernst & Young LLP (accounting firm, 1996-2009). Previously, Ms. Smith served as Assistant Treasurer (2013-2018) and Deputy Treasurer (2013-2016) of certain Fidelity® funds.

Marc L. Spector (1972)

Year of Election or Appointment: 2016

Deputy Treasurer

Mr. Spector also serves as an officer of other funds. Mr. Spector serves as Assistant Treasurer of FMR Capital, Inc. (2017-present) and is an employee of Fidelity Investments (2016-present). Prior to joining Fidelity Investments, Mr. Spector served as Director at the Siegfried Group (accounting firm, 2013-2016), and prior to Siegfried Group as audit senior manager at Deloitte & Touche (accounting firm, 2005-2013).

Jim Wegmann (1979)

Year of Election or Appointment: 2019

Assistant Treasurer

Mr. Wegmann also serves as Assistant Treasurer of other funds. Mr. Wegmann is an employee of Fidelity Investments (2011-present).

Standing Committees of the Trustees. The Board of Trustees has established various committees to support the Independent Trustees in acting independently in pursuing the best interests of the funds and their shareholders. Currently, the Board of Trustees has four standing committees. The members of each committee are Independent Trustees.

The Operations Committee is composed of all of the Independent Trustees, with Mr. Johnson currently serving as Chair. The committee normally meets at least six times a year, or more frequently as called by the Chair, and serves as a forum for consideration of issues of importance to, or calling for particular determinations by, the Independent Trustees. The committee considers matters involving potential conflicts of interest between the funds and FMR and its affiliates and reviews proposed contracts and the proposed continuation of contracts between the funds and FMR and its affiliates, and annually reviews and makes recommendations regarding contracts with third parties unaffiliated with FMR, including insurance coverage and custody agreements. The committee has oversight of compliance issues not specifically within the scope of any other committee. These matters include, but are not limited to, significant non-conformance with contract requirements and other significant regulatory matters and recommending to the Board of Trustees the designation of a person to serve as the funds' Chief Compliance Officer (CCO). The committee (i) serves as the primary point of contact for the CCO with regard to Board-related functions; (ii) oversees the annual performance review of the CCO; (iii) makes recommendations concerning the CCO's compensation; and (iv) makes recommendations as needed in respect of the removal of the CCO. The committee is also responsible for definitive action on all compliance matters involving the potential for significant reimbursement by FMR. During the fiscal year ended December 31, 2018, the committee held 11 meetings.

The Audit Committee is composed of all of the Independent Trustees, with Ms. Acton currently serving as Chair. At least one committee member will be an "audit committee financial expert" as defined by the SEC. The committee normally meets four times a year, or more frequently as called by the Chair or a majority of committee members. The committee meets separately, at least annually, with the funds' Treasurer, with the funds' Chief Financial Officer, with personnel responsible for the internal audit function of FMR LLC, with the funds' outside auditors, and with the funds' CCO. The committee has direct responsibility for the appointment, compensation, and oversight of the work of the outside auditors employed by the funds. The committee assists the Trustees in overseeing and monitoring: (i) the systems of internal accounting and financial controls of the funds and the funds' service providers (to the extent such controls impact the funds' financial statements); (ii) the funds' auditors and the annual audits of the funds' financial statements; (iii) the financial reporting processes of the funds; (iv) whistleblower reports; and (v) the accounting policies and disclosures of the funds. The committee considers and acts upon (i) the provision by any outside auditor of any non-audit services for any fund, and (ii) the provision by any outside auditor of certain non-audit services to fund service providers and their affiliates to the extent that such approval (in the case of this clause (ii)) is required under applicable regulations of the SEC. It is responsible for approving all audit engagement fees and terms for the funds and for resolving disagreements between a fund and any outside auditor regarding any fund's financial reporting. Auditors of the funds report directly to the committee. The committee will obtain assurance of independence and objectivity from the outside auditors, including a formal written statement delineating all relationships between the auditor and the funds and any service providers consistent with the rules of the Public Company Accounting Oversight Board. It oversees and receives reports on the funds' service providers' internal controls and reviews the adequacy and effectiveness of the service providers' accounting and financial controls, including: (i)

any significant deficiencies or material weaknesses in the design or operation of internal controls over financial reporting that are reasonably likely to adversely affect the funds' ability to record, process, summarize, and report financial data; (ii) any change in the fund's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the fund's internal control over financial reporting; and (iii) any fraud, whether material or not, that involves management or other employees who have a significant role in the funds' or service providers internal controls over financial reporting. The committee will also review any correspondence with regulators or governmental agencies or published reports that raise material issues regarding the funds' financial statements or accounting policies. These matters may also be reviewed by the Operations Committee. The committee reviews at least annually a report from each outside auditor describing any material issues raised by the most recent internal quality control, peer review, or Public Company Accounting Oversight Board examination of the auditing firm and any material issues raised by any inquiry or investigation by governmental or professional authorities of the auditing firm and in each case any steps taken to deal with such issues. The committee will oversee and receive reports on the funds' financial reporting process from the funds' Treasurer and outside auditors and will oversee the resolution of any disagreements concerning financial reporting among applicable parties. The committee will discuss with FMR, the funds' Treasurer, outside auditors and, if appropriate, internal audit personnel of FMR LLC their qualitative judgments about the appropriateness and acceptability of accounting principles and financial disclosure practices used or proposed for adoption by the funds. The committee will review with FMR, the funds' outside auditor, internal audit personnel of FMR LLC and legal counsel, as appropriate, matters related to the audits of the funds' financial statements. The committee will discuss regularly and oversee the review of the internal controls of the funds and their service providers with respect to accounting, financial matters and risk management programs related to the funds. The committee will review periodically the funds' major internal controls exposures and the steps that have been taken to monitor and control such exposures. During the fiscal year ended December 31, 2018, the committee held five meetings.

The Fair Valuation Committee is composed of all of the Independent Trustees, with Mr. Murray currently serving as Chair. The Committee normally meets quarterly, or more frequently as called by the Chair. The Fair Valuation Committee reviews and approves annually Fair Value Committee Policies recommended by the FMR Fair Value Committee and oversees particular valuations or fair valuation methodologies employed by the FMR Fair Value Committee as circumstances may require. The Committee also reviews actions taken by the FMR Fair Value Committee. The Committee does not oversee the day-to-day operational aspects of the valuation and calculation of the net asset value of the funds, which have been delegated to the FMR Fair Value Committee and Fidelity Service Company, Inc. (FSC). During the fiscal year ended December 31, 2018, the committee held four meetings.

The Governance and Nominating Committee is composed of Mr. Johnson (Chair) and Messrs. Kenneally (Vice Chair) and Gartland. The committee meets as called by the Chair. With respect to fund governance and board administration matters, the committee periodically reviews procedures of the Board of Trustees and its committees (including committee charters) and periodically reviews compensation of Independent Trustees. The committee monitors corporate governance matters and makes recommendations to the Board of Trustees on the frequency and structure of the Board of Trustee meetings and on any other aspect of Board procedures. It acts as the administrative committee under the retirement plan for Independent Trustees who retired prior to December 30, 1996 and under the fee deferral plan for Independent Trustees. It reviews the performance of legal counsel employed by the funds and the Independent Trustees. On behalf of the Independent Trustees, the committee will make such findings and determinations as to the independence of counsel for the Independent Trustees as may be necessary or appropriate under applicable regulations or otherwise. The committee is also responsible for Board administrative matters applicable to Independent Trustees, such as expense reimbursement policies and compensation for attendance at meetings, conferences and other events. The committee monitors compliance with, acts as the administrator of, and makes determinations in respect of, the provisions of the code of ethics and any supplemental policies regarding personal securities transactions applicable to the Independent Trustees. The committee monitors the functioning of each Board committee and makes recommendations for any changes, including the creation or elimination of standing or ad hoc Board committees. The committee monitors regulatory and other developments to determine whether to recommend modifications to the committee's responsibilities or other Trustee policies and procedures in light of rule changes, reports concerning "best practices" in corporate governance and other developments in mutual fund governance. The committee meets with Independent Trustees at least once a year to discuss matters relating to fund governance. The committee recommends that the Board establish such special or ad hoc Board committees as may be desirable or necessary from time to time in order to address ethical, legal, or other matters that may arise. The committee also oversees the annual self-evaluation of the Board of Trustees and establishes procedures to allow it to exercise this oversight function. In conducting this oversight, the committee shall address all matters that it considers relevant to the performance of the Board of Trustees and shall report the results of its evaluation to the Board of Trustees, including any recommended amendments to the principles of governance, and any recommended changes to the funds' or the Board of Trustees' policies, procedures, and structures. The committee reviews periodically the size and composition of the Board of Trustees as a whole and recommends, if necessary, measures to be taken so that the Board of Trustees reflects the appropriate balance of knowledge, experience, skills, expertise, and diversity required for the Board as a whole and contains at least the minimum number of Independent Trustees required by law. The committee makes nominations for the election or appointment of Independent Trustees and non-management Members of any Advisory Board, and for membership on committees. The committee has the authority to retain and terminate any third-party advisers, including authority to approve fees and other retention terms. Such advisers may include

search firms to identify Independent Trustee candidates and board compensation consultants. The committee may conduct or authorize investigations into or studies of matters within the committee’s scope of responsibilities, and may retain, at the funds’ expense, such independent counsel or other advisers as it deems necessary. The committee will consider nominees to the Board of Trustees recommended by shareholders based upon the criteria applied to candidates presented to the committee by a search firm or other source. Recommendations, along with appropriate background material concerning the candidate that demonstrates his or her ability to serve as an Independent Trustee of the funds, should be submitted to the Chair of the committee at the address maintained for communications with Independent Trustees. If the committee retains a search firm, the Chair will generally forward all such submissions to the search firm for evaluation. With respect to the criteria for selecting Independent Trustees, it is expected that all candidates will possess the following minimum qualifications: (i) unquestioned personal integrity; (ii) not an interested person of the funds within the meaning of the 1940 Act; (iii) does not have a material relationship (*e.g.*, commercial, banking, consulting, legal, or accounting) with the adviser, any sub-adviser or their affiliates that could create an appearance of lack of independence in respect of the funds; (iv) has the disposition to act independently in respect of FMR and its affiliates and others in order to protect the interests of the funds and all shareholders; (v) ability to attend regularly scheduled Board meetings during the year; (vi) demonstrates sound business judgment gained through broad experience in significant positions where the candidate has dealt with management, technical, financial, or regulatory issues; (vii) sufficient financial or accounting knowledge to add value in the complex financial environment of the funds; (viii) experience on corporate or other institutional oversight bodies having similar responsibilities, but which board memberships or other relationships could not result in business or regulatory conflicts with the funds; and (ix) capacity for the hard work and attention to detail that is required to be an effective Independent Trustee in light of the funds’ complex regulatory, operational, and marketing setting. The Governance and Nominating Committee may determine that a candidate who does not have the type of previous experience or knowledge referred to above should nevertheless be considered as a nominee if the Governance and Nominating Committee finds that the candidate has additional qualifications such that his or her qualifications, taken as a whole, demonstrate the same level of fitness to serve as an Independent Trustee. During the fiscal year ended December 31, 2018, the committee held six meetings.

The following table sets forth information describing the dollar range of equity securities beneficially owned by each Trustee in each fund and in all funds in the aggregate within the same fund family overseen by the Trustee for the calendar year ended December 31, 2018.

Interested Trustees

DOLLAR RANGE OF FUND SHARES	Abigail P. <u>Johnson</u>	Jennifer Toolin <u>McAuliffe</u>
VIP Asset Manager Portfolio	none	none
VIP Asset Manager: Growth Portfolio	none	none
VIP Government Money Market Portfolio	none	none
VIP Investment Grade Bond Portfolio	none	none
VIP Strategic Income Portfolio	none	none
AGGREGATE DOLLAR RANGE OF FUND SHARES IN ALL FUNDS OVERSEEN WITHIN FUND FAMILY	over \$100,000	over \$100,000

Independent Trustees

DOLLAR RANGE OF FUND SHARES	Elizabeth S. <u>Acton</u>	Ann E. <u>Dunwoody</u>	John <u>Engler</u>	Robert F. <u>Gartland</u>
VIP Asset Manager Portfolio	none	none	none	none
VIP Asset Manager: Growth Portfolio	none	none	none	none
VIP Government Money Market Portfolio	none	none	none	none
VIP Investment Grade Bond Portfolio	none	none	none	none
VIP Strategic Income Portfolio	none	none	none	none
AGGREGATE DOLLAR RANGE OF FUND SHARES IN ALL FUNDS OVERSEEN WITHIN FUND FAMILY	over \$100,000	over \$100,000	over \$100,000	over \$100,000

DOLLAR RANGE OF FUND SHARES	Arthur E. <u>Johnson</u>	Michael E. <u>Kenneally</u>	Marie L. <u>Knowles</u>	Mark A. <u>Murray</u>
VIP Asset Manager Portfolio	none	none	none	none
VIP Asset Manager: Growth Portfolio	none	none	none	none
VIP Government Money Market Portfolio	none	none	none	none
VIP Investment Grade Bond Portfolio	none	none	none	none
VIP Strategic Income Portfolio	none	none	none	none
AGGREGATE DOLLAR RANGE OF FUND SHARES IN ALL FUNDS OVERSEEN WITHIN FUND FAMILY	over \$100,000	over \$100,000	over \$100,000	over \$100,000

The following table sets forth information describing the compensation of each Trustee and Member of the Advisory Board (if any) for his or her services for the fiscal year ended December 31, 2018.

Compensation Table⁽¹⁾

AGGREGATE COMPENSATION FROM A FUND	Elizabeth S. <u>Acton</u>	Ann E. <u>Dunwoody</u> ⁽²⁾	John <u>Engler</u>	Robert F. <u>Gartland</u>
VIP Asset Manager Portfolio	\$ 461	\$ 215	\$ 424	\$ 430
VIP Asset Manager: Growth Portfolio	\$ 92	\$ 43	\$ 85	\$ 86
VIP Government Money Market Portfolio ⁽³⁾	\$ 1,699	\$ 814	\$ 1,559	\$ 1,584
VIP Investment Grade Bond Portfolio	\$ 1,651	\$ 766	\$ 1,517	\$ 1,540
VIP Strategic Income Portfolio	\$ 611	\$ 284	\$ 561	\$ 570
TOTAL COMPENSATION FROM THE FUND COMPLEX⁽⁴⁾	\$ 487,833	\$ 236,167	\$ 447,667	\$ 454,667

Compensation Table⁽¹⁾

AGGREGATE COMPENSATION FROM A FUND	Arthur E. <u>Johnson</u>	Michael E. <u>Kenneally</u>	Marie L. <u>Knowles</u>	Mark A. <u>Murray</u>
VIP Asset Manager Portfolio	\$ 492	\$ 452	\$ 514	\$ 433
VIP Asset Manager: Growth Portfolio	\$ 99	\$ 91	\$ 103	\$ 87
VIP Government Money Market Portfolio ⁽³⁾	\$ 1,814	\$ 1,667	\$ 1,885	\$ 1,596
VIP Investment Grade Bond Portfolio	\$ 1,762	\$ 1,618	\$ 1,841	\$ 1,552
VIP Strategic Income Portfolio	\$ 652	\$ 598	\$ 681	\$ 574
TOTAL COMPENSATION FROM THE FUND COMPLEX⁽⁴⁾	\$ 520,667	\$ 478,667	\$ 541,667	\$ 458,167

(1) Abigail P. Johnson and Jennifer Toolin McAuliffe are interested persons and are compensated by Fidelity.

(2) General Dunwoody served as a Member of the Advisory Board of Variable Insurance Products Fund V from July 17, 2018 through December 30, 2018. General Dunwoody serves as a Trustee of Variable Insurance Products Fund V effective December 31, 2018.

(3) Compensation figures include cash and may include amounts elected to be deferred. Certain individuals' aggregate compensation from the fund includes accrued voluntary deferred compensation as follows: Elizabeth S. Acton, \$434; Ann E. Dunwoody, \$618; John Engler, \$1,416; Robert F. Gartland, \$1,085; Marie L. Knowles, \$905; and Mark A. Murray, \$1,416.

(4) Reflects compensation received for the calendar year ended December 31, 2018 for 261 funds of 31 trusts (including Fidelity Central Investment Portfolios II LLC). Compensation figures include cash and may include amounts elected to be deferred. Certain individuals elected voluntarily to defer a portion of their compensation as follows: Elizabeth S. Acton, \$72,000; Ann E. Dunwoody, \$103,344; John Engler, \$234,985; Robert F. Gartland, \$180,000; Marie L. Knowles, \$150,000; and Mark A. Murray, \$234,985.

As of February 28, 2019, approximately 40.87% of VIP Asset Manager Portfolio's, 86.21% of VIP Asset Manager: Growth Portfolio's, 36.27% of VIP Government Money Market Portfolio's, 21.72% of VIP Investment Grade Bond Portfolio's, and 69.79% of VIP Strategic Income Portfolio's total outstanding shares, respectively, was held by FMR and/or another entity or entities of which FMR LLC is the ultimate parent. By virtue of her ownership interest in FMR LLC, as described in the "Control of Investment Advisers" section, Ms. Abigail P. Johnson may be deemed to be a beneficial owner of these shares. As of the above date, with the exception of Ms. Johnson's deemed ownership of each fund's shares, the Trustees, Members of the Advisory Board (if any), and officers of the funds owned, in the aggregate, less than 1% of each class's total outstanding shares, with respect to each fund.

As of February 28, 2019, the following owned of record and/or beneficially 5% or more of the outstanding shares:

Fund or Class Name	Owner Name	City	State	Ownership %
VIP Asset Manager Portfolio – Initial Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	23.79%
VIP Asset Manager Portfolio – Initial Class	AMERICAN LIFE INSURANCE CO OF NEW YORK	NEW YORK	NY	19.77%
VIP Asset Manager Portfolio – Initial Class	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	15.23%
VIP Asset Manager Portfolio – Initial Class	BRIGHTHOUSE LIFE INSURANCE COMPANY	WEST DES MOINES	IA	7.56%
VIP Asset Manager Portfolio – Initial Class	AUL	INDIANAPOLIS	IN	6.63%
VIP Asset Manager Portfolio – Investor Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	88.66%
VIP Asset Manager Portfolio – Investor Class	EMPIRE FIDELITY INVESTMENTS LIFE INS. CO.	NEW YORK	NY	11.34%

Fund or Class Name	Owner Name	City	State	Ownership %
VIP Asset Manager Portfolio – Service Class 2	GENWORTH LIFE AND ANNUITY INSURANCE CO	RICHMOND	VA	26.68%
VIP Asset Manager Portfolio – Service Class 2	AMERICAN GENERAL LIFE INSURANCE COMPANY	HOUSTON	TX	21.19%
VIP Asset Manager Portfolio – Service Class 2	PRINCIPAL LIFE INSURANCE COMPANY	DES MOINES	IA	12.10%
VIP Asset Manager Portfolio – Service Class 2	AMERITAS	LINCOLN	NE	9.56%
VIP Asset Manager Portfolio – Service Class 2	INTEGRITY LIFE INSURANCE COMPANY	CINCINNATI	OH	8.43%
VIP Asset Manager Portfolio – Service Class 2	LINCOLN BENEFIT LIFE COMPANY	NORTHBROOK	IL	7.83%
VIP Asset Manager Portfolio – Service Class 2	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	5.44%
VIP Asset Manager Portfolio – Service Class	AMERITAS	LINCOLN	NE	40.70%
VIP Asset Manager Portfolio – Service Class	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	28.80%
VIP Asset Manager Portfolio – Service Class	LINCOLN NATIONAL LIFE INSURANCE CO	FORT WAYNE	IN	28.72%
VIP Asset Manager: Growth Portfolio – Initial Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	67.81%
VIP Asset Manager: Growth Portfolio – Initial Class	EMPIRE FIDELITY INVESTMENTS LIFE INS. CO.	NEW YORK	NY	7.27%
VIP Asset Manager: Growth Portfolio – Initial Class	AMERICAN GENERAL LIFE INSURANCE COMPANY	HOUSTON	TX	6.67%
VIP Asset Manager: Growth Portfolio – Investor Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	92.58%
VIP Asset Manager: Growth Portfolio – Investor Class	EMPIRE FIDELITY INVESTMENTS LIFE INS. CO.	NEW YORK	NY	7.42%
VIP Asset Manager: Growth Portfolio – Service Class 2	AXA EQUITABLE LIFE INSURANCE CO	SECAUCUS	NJ	59.79%
VIP Asset Manager: Growth Portfolio – Service Class 2	AMERITAS	LINCOLN	NE	21.50%
VIP Asset Manager: Growth Portfolio – Service Class 2	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	12.96%
VIP Asset Manager: Growth Portfolio – Service Class 2	MIDLAND NATIONAL LIFE INSURANCE COMPANY	CLIVE	IA	5.75%
VIP Asset Manager: Growth Portfolio – Service Class	METROPOLITAN LIFE INSURANCE COMPANY	BOSTON	MA	71.99%
VIP Asset Manager: Growth Portfolio – Service Class	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	18.15%
VIP Asset Manager: Growth Portfolio – Service Class	AMERITAS	LINCOLN	NE	9.86%
VIP Government Money Market Portfolio – Initial Class	NYLIAC	PARSIPPANY	NJ	31.50%
VIP Government Money Market Portfolio – Initial Class	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	14.58%

Fund or Class Name	Owner Name	City	State	Ownership %
VIP Government Money Market Portfolio – Initial Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	11.34%
VIP Government Money Market Portfolio – Initial Class	AMERITAS	LINCOLN	NE	6.18%
VIP Government Money Market Portfolio – Investor Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	87.43%
VIP Government Money Market Portfolio – Investor Class	EMPIRE FIDELITY INVESTMENTS LIFE INS. CO.	NEW YORK	NY	7.54%
VIP Government Money Market Portfolio – Service Class 2	THE GUARDIAN INSURANCE ANNUITY CO	BETHLEHEM	PA	34.14%
VIP Government Money Market Portfolio – Service Class 2	ALLSTATE LIFE INSURANCE COMPANY	LINCOLN	NE	21.50%
VIP Government Money Market Portfolio – Service Class 2	AMERICAN NATIONAL INSURANCE COMPANY	LEAGUE CITY	TX	20.43%
VIP Government Money Market Portfolio – Service Class 2	SYMETRA LIFE INSURANCE COMPANY	BELLEVUE	WA	12.07%
VIP Government Money Market Portfolio – Service Class	PACIFIC LIFE INSURANCE COMPANY	NEWPORT BEACH	CA	49.97%
VIP Government Money Market Portfolio – Service Class	PRINCIPAL LIFE INSURANCE COMPANY	DES MOINES	IA	22.37%
VIP Government Money Market Portfolio – Service Class	OHIO NATIONAL LIFE INSURANCE CO	CINCINNATI	OH	15.45%
VIP Investment Grade Bond Portfolio – Initial Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	17.44%
VIP Investment Grade Bond Portfolio – Initial Class	VIP FREEDOM 2020 PORTFOLIO SM	BOSTON	MA	16.56%
VIP Investment Grade Bond Portfolio – Initial Class	VIP FREEDOM 2010 PORTFOLIO SM	BOSTON	MA	9.05%
VIP Investment Grade Bond Portfolio – Initial Class	NYLIAC	PARSIPPANY	NJ	8.27%
VIP Investment Grade Bond Portfolio – Initial Class	VIP FREEDOM 2030 PORTFOLIO SM	BOSTON	MA	5.48%
VIP Investment Grade Bond Portfolio – Investor Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	68.32%
VIP Investment Grade Bond Portfolio – Investor Class	EMPIRE FIDELITY INVESTMENTS LIFE INS. CO.	NEW YORK	NY	6.76%
VIP Investment Grade Bond Portfolio – Investor Class	VIP INVESTOR FREEDOM 2020 PORTFOLIO SM	BOSTON	MA	5.19%
VIP Investment Grade Bond Portfolio – Service Class 2	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	43.81%
VIP Investment Grade Bond Portfolio – Service Class 2	PROTECTIVE LIFE INSURANCE COMPANY	BIRMINGHAM	AL	17.15%
VIP Investment Grade Bond Portfolio – Service Class 2	THE GUARDIAN INSURANCE ANNUITY CO	BETHLEHEM	PA	7.80%
VIP Investment Grade Bond Portfolio – Service Class 2	AMERITAS	LINCOLN	NE	5.94%
VIP Investment Grade Bond Portfolio – Service Class 2	GENWORTH LIFE AND ANNUITY INSURANCE CO	RICHMOND	VA	5.86%

Fund or Class Name	Owner Name	City	State	Ownership %
VIP Investment Grade Bond Portfolio – Service Class 2	AXA EQUITABLE LIFE INSURANCE CO	SECAUCUS	NJ	5.02%
VIP Investment Grade Bond Portfolio – Service Class	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	68.81%
VIP Investment Grade Bond Portfolio – Service Class	KANSAS CITY LIFE INSURANCE COMPANY	MADISON	WI	9.99%
VIP Investment Grade Bond Portfolio – Service Class	BRIGHTHOUSE LIFE INSURANCE COMPANY	BOSTON	MA	6.18%
VIP Strategic Income Portfolio – Initial Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	75.26%
VIP Strategic Income Portfolio – Initial Class	AMERITAS	LINCOLN	NE	14.90%
VIP Strategic Income Portfolio – Initial Class	EMPIRE FIDELITY INVESTMENTS LIFE INS. CO.	NEW YORK	NY	7.23%
VIP Strategic Income Portfolio – Investor Class	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	92.59%
VIP Strategic Income Portfolio – Investor Class	EMPIRE FIDELITY INVESTMENTS LIFE INS. CO.	NEW YORK	NY	7.41%
VIP Strategic Income Portfolio – Service Class 2	AXA EQUITABLE LIFE INSURANCE CO	NEW YORK	NY	31.84%
VIP Strategic Income Portfolio – Service Class 2	RIVERSOURCE LIFE INSURANCE COMPANY	MINNEAPOLIS	MN	31.74%
VIP Strategic Income Portfolio – Service Class 2	PACIFIC LIFE INSURANCE COMPANY US	NEWPORT BEACH	CA	14.66%
VIP Strategic Income Portfolio – Service Class 2	JEFFERSON NATIONAL LIFE INS CO	LOUISVILLE	KY	7.10%
VIP Strategic Income Portfolio – Service Class	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	78.71%
VIP Strategic Income Portfolio – Service Class	FIDELITY INVESTMENTS	BOSTON	MA	21.29%

As of February 28, 2019, the following owned of record and/or beneficially 25% or more of the outstanding shares:

Fund Name	Owner Name	City	State	Ownership %
VIP Asset Manager Portfolio	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	36.23%
VIP Asset Manager: Growth Portfolio	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	79.07%
VIP Government Money Market Portfolio	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	33.37%
VIP Investment Grade Bond Portfolio	NATIONWIDE LIFE INSURANCE COMPANY	COLUMBUS	OH	27.50%
VIP Strategic Income Portfolio	FIDELITY INVESTMENTS LIFE INS.CO.	BOSTON	MA	64.53%

A shareholder owning of record or beneficially more than 25% of a fund’s outstanding shares may be considered a controlling person. That shareholder’s vote could have a more significant effect on matters presented at a shareholders’ meeting than votes of other shareholders.

CONTROL OF INVESTMENT ADVISERS

FMR LLC, as successor by merger to FMR Corp., is the ultimate parent company of FMR, FMRC, FIMM, FMR Investment Management (UK) Limited (FMR UK), Fidelity Management & Research (Hong Kong) Limited (FMR H.K.), and Fidelity Management & Research (Japan) Limited (FMR Japan). The voting common shares of FMR LLC are divided into two series. Series B is held predominantly by members of the Johnson family, including Abigail P. Johnson, directly or through trusts, and is entitled to 49% of the vote on any matter acted upon by the voting common shares. Series A is held predominantly by non-Johnson family member employees of FMR LLC and its affiliates and is entitled to 51% of the vote on any such matter. The Johnson family group and all other Series B shareholders have entered into a shareholders' voting agreement under which all Series B shares will be voted in accordance with the majority vote of Series B shares. Under the 1940 Act, control of a company is presumed where one individual or group of individuals owns more than 25% of the voting securities of that company. Therefore, through their ownership of voting common shares and the execution of the shareholders' voting agreement, members of the Johnson family may be deemed, under the 1940 Act, to form a controlling group with respect to FMR LLC.

At present, the primary business activities of FMR LLC and its subsidiaries are: (i) the provision of investment advisory, management, shareholder, investment information and assistance and certain fiduciary services for individual and institutional investors; (ii) the provision of securities brokerage services; (iii) the management and development of real estate; and (iv) the investment in and operation of a number of emerging businesses.

FIL Limited, a Bermuda company formed in 1968, is the ultimate parent company of FIL Investment Advisors (FIA), FIL Investments (Japan) Limited (FIJ), and FIL Investment Advisors (UK) Limited (FIA(UK)). Abigail P. Johnson, other Johnson family members, and various trusts for the benefit of the Johnson family own, directly or indirectly, more than 25% of the voting common stock of FIL Limited. At present, the primary business activities of FIL Limited and its subsidiaries are the provision of investment advisory services to non-U.S. investment companies and private accounts investing in securities throughout the world.

FMR, FMRC, FIMM, FMR UK, FMR H.K., FMR Japan, FIA, FIA(UK), FIJ, Fidelity Distributors Corporation (FDC), and the funds have adopted codes of ethics under Rule 17j-1 of the 1940 Act that set forth employees' fiduciary responsibilities regarding the funds, establish procedures for personal investing, and restrict certain transactions. Employees subject to the codes of ethics, including Fidelity investment personnel, may invest in securities for their own investment accounts, including securities that may be purchased or held by the funds.

MANAGEMENT CONTRACTS

Each fund has entered into a management contract with FMR, pursuant to which FMR furnishes investment advisory and other services.

Management Services. Under the terms of its management contract with each fund, FMR acts as investment adviser and, subject to the supervision of the Board of Trustees, has overall responsibility for directing the investments of the fund in accordance with its investment objective, policies and limitations. FMR also provides each fund with all necessary office facilities and personnel for servicing the fund's investments, compensates all officers of each fund and all Trustees who are interested persons of the trust or of FMR, and compensates all personnel of each fund or FMR performing services relating to research, statistical and investment activities.

In addition, FMR or its affiliates, subject to the supervision of the Board of Trustees, provide the management and administrative services necessary for the operation of each fund. These services include providing facilities for maintaining each fund's organization; supervising relations with custodians, transfer and pricing agents, accountants, underwriters and other persons dealing with each fund; preparing all general shareholder communications and conducting shareholder relations; maintaining each fund's records and the registration of each fund's shares under federal securities laws and making necessary filings under state securities laws; developing management and shareholder services for each fund; and furnishing reports, evaluations and analyses on a variety of subjects to the Trustees.

Management-Related Expenses. In addition to the management fee payable to FMR and the fees payable to the transfer agent and pricing and bookkeeping agent, and the costs associated with securities lending, as applicable, a fund or each class thereof, as applicable, pays all of its expenses that are not assumed by those parties. A fund pays for the typesetting, printing, and mailing of its proxy materials to shareholders, legal expenses, and the fees of the custodian, auditor, and Independent Trustees. A fund's management contract further provides that the fund will pay for typesetting, printing, and mailing prospectuses, statements of additional information, notices, and reports to shareholders. Other expenses paid by a fund include interest, taxes, brokerage commissions, fees and expenses associated with the fund's securities lending program, if applicable, the fund's proportionate share of insurance premiums and Investment Company Institute dues, and the costs of registering shares under federal securities laws and making necessary filings under state securities laws. A fund is also liable for such non-recurring expenses as may arise, including costs of any litigation to which the fund may be a party, and any obligation it may have to indemnify its officers and Trustees with respect to litigation. A fund also pays the costs related to the solicitation of fund proxies from variable product owners.

Management Fees.

For the services of FMR under the management contract, VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, VIP Investment Grade Bond Portfolio, and VIP Strategic Income Portfolio each pays FMR a monthly management fee which has two components: a group fee rate and an individual fund fee rate.

For the services of FMR under the management contract, VIP Government Money Market Portfolio pays FMR a monthly management fee which has two components: a group fee and an income component.

The group fee rate is based on the monthly average net assets of all of the registered investment companies with which FMR has management contracts. For this purpose, the monthly average net assets of any registered investment companies with which FMR previously had management contracts but that currently have management contracts with Fidelity SelectCo, LLC are included.

The following is the fee schedule for VIP Government Money Market Portfolio, VIP Investment Grade Bond Portfolio, and VIP Strategic Income Portfolio.

<u>GROUP FEE RATE SCHEDULE</u>			<u>EFFECTIVE ANNUAL FEE RATES</u>		
<u>Average Group Assets</u>			<u>Annualized Rate</u>	<u>Group Net Assets</u>	<u>Effective Annual Fee Rate</u>
0	—	\$3 billion	.3700%	\$1 billion	.3700%
3	—	6	.3400	50	.2188
6	—	9	.3100	100	.1869
9	—	12	.2800	150	.1736
12	—	15	.2500	200	.1652
15	—	18	.2200	250	.1587
18	—	21	.2000	300	.1536
21	—	24	.1900	350	.1494
24	—	30	.1800	400	.1459
30	—	36	.1750	450	.1427
36	—	42	.1700	500	.1399
42	—	48	.1650	550	.1372
48	—	66	.1600	600	.1349
66	—	84	.1550	650	.1328
84	—	120	.1500	700	.1309
120	—	156	.1450	750	.1291
156	—	192	.1400	800	.1275
192	—	228	.1350	850	.1260
228	—	264	.1300	900	.1246
264	—	300	.1275	950	.1233
300	—	336	.1250	1,000	.1220
336	—	372	.1225	1,050	.1209
372	—	408	.1200	1,100	.1197
408	—	444	.1175	1,150	.1187
444	—	480	.1150	1,200	.1177
480	—	516	.1125	1,250	.1167
516	—	587	.1100	1,300	.1158
587	—	646	.1080	1,350	.1149
646	—	711	.1060	1,400	.1141
711	—	782	.1040	1,450	.1132
782	—	860	.1020	1,500	.1125
860	—	946	.1000	1,550	.1117
946	—	1,041	.0980	1,600	.1110

GROUP FEE RATE SCHEDULE**EFFECTIVE ANNUAL FEE RATES**

<u>Average Group Assets</u>			<u>Annualized Rate</u>	<u>Group Net Assets</u>	<u>Effective Annual Fee Rate</u>
1,041	–	1,145	.0960	1,650	.1103
1,145	–	1,260	.0940	1,700	.1096
1,260	–	1,386	.0920	1,750	.1089
1,386	–	1,525	.0900	1,800	.1083
1,525	–	1,677	.0880	1,850	.1077
1,677	–	1,845	.0860	1,900	.1070
1,845	–	2,030	.0840	1,950	.1065
Over		2,030	.0820	2,000	.1059

The group fee rate is calculated on a cumulative basis pursuant to the graduated fee rate schedule shown above on the left. The schedule above on the right shows the effective annual group fee rate at various asset levels, which is the result of cumulatively applying the annualized rates on the left. For example, the effective annual fee rate at \$1,983 billion of group net assets – the approximate level for December 2018 – was 0.1061%, which is the weighted average of the respective fee rates for each level of group net assets up to \$1,983 billion.

For VIP Government Money Market Portfolio, one-twelfth of the group fee rate is applied to the fund's average net assets for the month, giving a dollar amount which is the fee for that month to which the income component is added.

The income component for each month is the sum of an income-based fee and an asset-based fee as follows:

If the fund's annualized gross yield is:

<u>Equal To or Greater Than</u>	<u>But Less Than</u>	<u>Income-Based Fee</u>	<u>Annual Asset-Based Fee Rate</u>
0.00%	1.00%	2% of Monthly Gross Income	0.05%
1.00%	3.00%	zero	0.07%
3.00%	11.00%	2% of Monthly Gross Income	0.01%
11.00%	13.00%	zero	0.23%
13.00%	15.00%	2% of Monthly Gross Income	(0.03)%
15.00%	—	zero	0.27%

Gross income, for this purpose, includes interest accrued and/or discount earned (including both original issue discount and market discount) on portfolio obligations, less amortization of premium on portfolio obligations. Annualized gross yield is determined by dividing the fund's gross income for the month by the average daily net assets of the fund and dividing the result by the number of days in the month divided by 365 days. One-twelfth of the annual asset-based fee rate is applied to the fund's average net assets for the month, and the resulting dollar amount (positive or negative) is the asset-based fee for that month.

The following is the fee schedule for VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio.

GROUP FEE RATE SCHEDULE**EFFECTIVE ANNUAL FEE RATES**

<u>Average Group Assets</u>			<u>Annualized Rate</u>	<u>Group Net Assets</u>	<u>Effective Annual Fee Rate</u>
0	–	\$3 billion	.5200%	\$1 billion	.5200%
3	–	6	.4900	50	.3823
6	–	9	.4600	100	.3512
9	–	12	.4300	150	.3371
12	–	15	.4000	200	.3284
15	–	18	.3850	250	.3219
18	–	21	.3700	300	.3163
21	–	24	.3600	350	.3113

GROUP FEE RATE SCHEDULE**EFFECTIVE ANNUAL FEE RATES**

Average Group Assets			Annualized Rate	Group Net Assets	Effective Annual Fee Rate
24	–	30	.3500	400	.3067
30	–	36	.3450	450	.3024
36	–	42	.3400	500	.2982
42	–	48	.3350	550	.2942
48	–	66	.3250	600	.2904
66	–	84	.3200	650	.2870
84	–	102	.3150	700	.2838
102	–	138	.3100	750	.2809
138	–	174	.3050	800	.2782
174	–	210	.3000	850	.2756
210	–	246	.2950	900	.2732
246	–	282	.2900	950	.2710
282	–	318	.2850	1,000	.2689
318	–	354	.2800	1,050	.2669
354	–	390	.2750	1,100	.2649
390	–	426	.2700	1,150	.2631
426	–	462	.2650	1,200	.2614
462	–	498	.2600	1,250	.2597
498	–	534	.2550	1,300	.2581
534	–	587	.2500	1,350	.2566
587	–	646	.2463	1,400	.2551
646	–	711	.2426	1,450	.2536
711	–	782	.2389	1,500	.2523
782	–	860	.2352	1,550	.2510
860	–	946	.2315	1,600	.2497
946	–	1,041	.2278	1,650	.2484
1,041	–	1,145	.2241	1,700	.2472
1,145	–	1,260	.2204	1,750	.2460
1,260	–	1,386	.2167	1,800	.2449
1,386	–	1,525	.2130	1,850	.2438
1,525	–	1,677	.2093	1,900	.2427
1,677	–	1,845	.2056	1,950	.2417
1,845	–	2,030	.2019	2,000	.2407
Over		2,030	.1982	2,050	.2397

The group fee rate is calculated on a cumulative basis pursuant to the graduated fee rate schedule shown above on the left. The schedule above on the right shows the effective annual group fee rate at various asset levels, which is the result of cumulatively applying the annualized rates on the left. For example, the effective annual fee rate at \$1,983 billion of group net assets – the approximate level for December 2018 – was 0.2410%, which is the weighted average of the respective fee rates for each level of group net assets up to \$1,983 billion.

The individual fund fee rate for each of VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, VIP Investment Grade Bond Portfolio, and VIP Strategic Income Portfolio is set forth in the following table. Based on the average group net assets for December 2018, a fund's annual management fee rate would be calculated as follows:

<u>Fund</u>	<u>Group Fee Rate</u>		<u>Individual Fund Fee Rate</u>		<u>Management Fee Rate</u>
VIP Asset Manager Portfolio	0.2410%	+	0.2500%	=	0.4910%
VIP Asset Manager: Growth Portfolio	0.2410%	+	0.3000%	=	0.5410%
VIP Investment Grade Bond Portfolio	0.1061%	+	0.2000%	=	0.3061%
VIP Strategic Income Portfolio	0.1061%	+	0.4500%	=	0.5561%

One-twelfth of the management fee rate is applied to the fund's average net assets for the month, giving a dollar amount which is the fee for that month.

The following table shows the amount of management fees paid by a fund to FMR for the past three fiscal years.

<u>Fund</u>	<u>Fiscal Years Ended December 31</u>	<u>Management Fees Paid to Investment Adviser</u>
VIP Asset Manager Portfolio	2018	\$ 5,505,158
	2017	\$ 5,756,407
	2016	\$ 5,848,303
VIP Asset Manager: Growth Portfolio	2018	\$ 1,218,206
	2017	\$ 1,178,285
	2016	\$ 1,131,635
VIP Government Money Market Portfolio	2018	\$ 7,478,068
	2017	\$ 6,779,517
	2016	\$ 6,005,325
VIP Investment Grade Bond Portfolio	2018	\$ 12,337,729
	2017	\$ 12,471,400
	2016	\$ 11,619,247
VIP Strategic Income Portfolio	2018	\$ 8,285,663
	2017	\$ 7,993,621
	2016	\$ 6,984,138

FMR may, from time to time, voluntarily reimburse all or a portion of a fund's or, in the case of a multiple class fund, a class's operating expenses. FMR retains the ability to be repaid for these expense reimbursements in the amount that expenses fall below the limit prior to the end of the fiscal year.

Expense reimbursements will increase returns and yield, and repayment of the reimbursement will decrease returns and yield.

Sub-Adviser – FIMM. On behalf of VIP Government Money Market Portfolio and VIP Investment Grade Bond Portfolio, FMR has entered into a sub-advisory agreement with FIMM pursuant to which FIMM has day-to-day responsibility for choosing investments for the fund. On behalf of VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, and VIP Strategic Income Portfolio, FMR has entered into a sub-advisory agreement with FIMM pursuant to which FIMM has day-to-day responsibility for choosing certain types of investments for the fund. FMR, and not the fund, pays FIMM's fees.

Sub-Adviser – FMRC. On behalf of VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio, FMR has entered into a sub-advisory agreement with FMRC pursuant to which FMRC has day-to-day responsibility for choosing investments for the fund. On behalf of VIP Strategic Income Portfolio, FMR has entered into a sub-advisory agreement with FMRC pursuant to which FMRC has day-to-day responsibility for choosing certain types of investments for the fund. FMR, and not the fund, pays FMRC's fees.

Sub-Advisers – FMR UK, FMR H.K., and FMR Japan. On behalf of each fund, FMR has entered into sub-advisory agreements with FMR H.K. and FMR Japan. On behalf of each fund, FMR has entered into a sub-advisory agreement with FMR UK. Pursuant to the sub-advisory agreements, FMR may receive from the sub-advisers investment research and advice on issuers outside the United States (non-discretionary services) and FMR may grant the sub-advisers investment management authority and the authority to buy and sell securities if FMR believes it would be beneficial to the fund (discretionary services). FMR, and not the fund, pays the sub-advisers.

Sub-Advisers – FIA, FIA(UK), and FIJ. On behalf of VIP Strategic Income Portfolio, FMR has entered into a sub-advisory agreement with FIA, and FIA, in turn, has entered into a sub-advisory agreement with FIA(UK). On behalf of VIP Strategic

Income Portfolio, FIA, in turn, has entered into a sub-advisory agreement with FIJ. Pursuant to the sub-advisory agreements, FMR may receive from the sub-advisers investment research and advice on issuers outside the United States (non-discretionary services) and FMR may grant the sub-advisers investment management authority and the authority to buy and sell securities if FMR believes it would be beneficial to the fund (discretionary services). FMR and FIA, and not the fund, pay the sub-advisers.

Currently, FIA(UK) has day-to-day responsibility for choosing certain types of investments for VIP Strategic Income Portfolio.

Avishek Hazrachoudhury is co-manager of VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio and receives compensation for his services. Geoffrey Stein is co-manager of VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio and receives compensation for his services. As of December 31, 2018, portfolio manager compensation generally consists of a fixed base salary determined periodically (typically annually), a bonus, in certain cases, participation in several types of equity-based compensation plans, and, if applicable, relocation plan benefits. A portion of each portfolio manager's compensation may be deferred based on criteria established by FMR or at the election of the portfolio manager.

Each portfolio manager's base salary is determined by level of responsibility and tenure at FMR or its affiliates. The primary components of each portfolio manager's bonus are based on (i) the pre-tax investment performance of the portfolio manager's fund(s) and account(s) measured against a benchmark index (which may be a customized benchmark index developed by FMR) assigned to each fund or account, (ii) how the portfolio manager allocates the assets of funds and accounts among their asset classes, which results in monthly impact scores, as described below, and (iii) the investment performance of other funds and accounts. The pre-tax investment performance of each portfolio manager's fund(s) and account(s) is weighted according to his tenure on those fund(s) and account(s) and the average asset size of those fund(s) and account(s) over his tenure. Each component is calculated separately over the portfolio manager's tenure on those fund(s) and account(s) over a measurement period that initially is contemporaneous with his tenure, but that eventually encompasses rolling periods of up to five years for the comparison to a benchmark index. The portfolio manager also receives a monthly impact score for each month of his tenure as manager of a fund or account. The monthly impact scores are weighted according to his tenure on his fund(s) and account(s) and the average asset size of those fund(s) and account(s) over his tenure. The bonus is based on the aggregate impact scores for applicable annual periods eventually encompassing periods of up to five years. A smaller, subjective component of each portfolio manager's bonus is based on his overall contribution to management of FMR.

The portion of each portfolio manager's bonus that is linked to the investment performance of VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio is based on each fund's pre-tax investment performance relative to the performance of a customized benchmark composite index, on which the fund's target asset allocation is based. The portion of each portfolio manager's bonus that is based on impact scores is based on how he allocates each fund's assets among the stock, bond, and short-term/money market asset classes, which are represented by the components of each fund's composite index. Each portfolio manager's bonus is based on the percentage of each fund actually invested in each asset class. The percentage overweight or percentage underweight in each asset class relative to the neutral mix is multiplied by the performance of the index that represents that asset class over the measurement period, resulting in a positive or negative impact score. Each portfolio manager also is compensated under equity-based compensation plans linked to increases or decreases in the net asset value of the stock of FMR LLC, FMR's parent company. FMR LLC is a diverse financial services company engaged in various activities that include fund management, brokerage, retirement, and employer administrative services. If requested to relocate their primary residence, portfolio managers also may be eligible to receive benefits, such as home sale assistance and payment of certain moving expenses, under relocation plans for most full-time employees of FMR LLC and its affiliates.

A portfolio manager's compensation plan may give rise to potential conflicts of interest. A portfolio manager's compensation is linked to the pre-tax performance of the fund, rather than its after-tax performance. A portfolio manager's base pay tends to increase with additional and more complex responsibilities that include increased assets under management and a portion of the bonus relates to marketing efforts, which together indirectly link compensation to sales. When a portfolio manager takes over a fund or an account, the time period over which performance is measured may be adjusted to provide a transition period in which to assess the portfolio. The management of multiple funds and accounts (including proprietary accounts) may give rise to potential conflicts of interest if the funds and accounts have different objectives, benchmarks, time horizons, and fees as a portfolio manager must allocate his time and investment ideas across multiple funds and accounts. In addition, a fund's trade allocation policies and procedures may give rise to conflicts of interest if the fund's orders do not get fully executed due to being aggregated with those of other accounts managed by FMR or an affiliate. A portfolio manager may execute transactions for another fund or account that may adversely impact the value of securities held by a fund. Securities selected for other funds or accounts may outperform the securities selected for the fund. Portfolio managers may be permitted to invest in the funds they manage, even if a fund is closed to new investors. Trading in personal accounts, which may give rise to potential conflicts of interest, is restricted by a fund's Code of Ethics.

The following table provides information relating to other accounts managed by Mr. Hazrachoudhury as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	9	none	none
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 27,399	none	none
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes VIP Asset Manager Portfolio (\$1,014 (in millions) assets managed) and VIP Asset Manager: Growth Portfolio (\$199 (in millions) assets managed). The amount of assets managed of a fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Asset Manager Portfolio beneficially owned by Mr. Hazrachoudhury was none, and the dollar range of shares of VIP Asset Manager: Growth Portfolio beneficially owned by Mr. Hazrachoudhury was none.

The following table provides information relating to other accounts managed by Mr. Stein as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	16	40	1
Number of Accounts Managed with Performance-Based Advisory Fees	1	none	none
Assets Managed (in millions)	\$ 49,505	\$ 42,603	\$ 1
Assets Managed with Performance-Based Advisory Fees (in millions)	\$ 8,287	none	none

* Includes VIP Asset Manager Portfolio (\$1,014 (in millions) assets managed) and VIP Asset Manager: Growth Portfolio (\$199 (in millions) assets managed). The amount of assets managed of a fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Asset Manager Portfolio beneficially owned by Mr. Stein was none, and the dollar range of shares of VIP Asset Manager: Growth Portfolio beneficially owned by Mr. Stein was none.

Celso Munoz is co-manager of VIP Investment Grade bond Portfolio and receives compensation for his services to the fund. Ford O'Neil is co-manager of VIP Investment Grade Bond Portfolio and receives compensation for his services to this fund. As of December 31, 2018, portfolio manager compensation generally consists of a fixed base salary determined periodically (typically annually), a bonus, in certain cases, participation in several types of equity-based compensation plans, and, if applicable, relocation plan benefits. A portion of each portfolio manager's compensation may be deferred based on criteria established by FMR or at the election of the portfolio manager.

Each portfolio manager's base salary is determined by level of responsibility and tenure at FMR or its affiliates. The primary components of each portfolio manager's bonus are based on (i) the pre-tax investment performance of the portfolio manager's fund(s) and account(s) measured against a benchmark index assigned to each fund or account, and (ii) the investment performance of other FMR taxable bond funds and accounts. The pre-tax investment performance of each portfolio manager's fund(s) and account(s) is weighted according to his tenure on those fund(s) and account(s) and the average asset size of those fund(s) and account(s) over his tenure. Each component is calculated separately over the portfolio manager's tenure on those fund(s) and account(s) over a measurement period that initially is contemporaneous with his tenure, but that eventually encompasses rolling periods of up to three years for the comparison to a benchmark index. A smaller, subjective component of each portfolio manager's bonus is based on the portfolio manager's overall contribution to management of FMR. The portion of each portfolio manager's bonus that is linked to the investment performance of VIP Investment Grade Bond Portfolio is based on the fund's pre-tax investment performance measured against the Bloomberg Barclays U.S. Aggregate Bond Index. Each portfolio manager also is compensated under equity-based compensation plans linked to increases or decreases in the net asset value of the stock of FMR LLC, FMR's parent company. FMR LLC is a diverse financial services company engaged in various activities that include fund management, brokerage, retirement and employer administrative services. If requested to relocate their primary residence, portfolio managers also may be eligible to receive benefits, such as home sale assistance and payment of certain moving expenses, under relocation plans for most full-time employees of FMR LLC and its affiliates.

A portfolio manager's compensation plan may give rise to potential conflicts of interest. A portfolio manager's compensation is linked to the pre-tax performance of the fund, rather than its after-tax performance. A portfolio manager's base pay tends to increase with additional and more complex responsibilities that include increased assets under management and a portion of the bonus relates to marketing efforts, which together indirectly link compensation to sales. When a portfolio manager takes over a fund or an account, the time period over which performance is measured may be adjusted to provide a transition period in

which to assess the portfolio. The management of multiple funds and accounts (including proprietary accounts) may give rise to potential conflicts of interest if the funds and accounts have different objectives, benchmarks, time horizons, and fees as a portfolio manager must allocate his time and investment ideas across multiple funds and accounts. In addition, a fund's trade allocation policies and procedures may give rise to conflicts of interest if the fund's orders do not get fully executed due to being aggregated with those of other accounts managed by FMR or an affiliate. A portfolio manager may execute transactions for another fund or account that may adversely impact the value of securities held by a fund. Securities selected for other funds or accounts may outperform the securities selected for the fund. Portfolio managers may be permitted to invest in the funds they manage, even if a fund is closed to new investors. Trading in personal accounts, which may give rise to potential conflicts of interest, is restricted by a fund's Code of Ethics.

The following table provides information relating to other accounts managed by Mr. Munoz as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	8	3	7
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 67,721	\$ 5,796	\$ 4,500
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes VIP Investment Grade Bond Portfolio (\$3,902 (in millions) assets managed). The amount of assets managed of a fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Investment Grade Bond Portfolio beneficially owned by Mr. Munoz was none.

The following table provides information relating to other accounts managed by Mr. O'Neil as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	16	7	4
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 101,991	\$ 7,630	\$ 910
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes VIP Investment Grade Bond Portfolio (\$3,902 (in millions) assets managed). The amount of assets managed of a fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Investment Grade Bond Portfolio beneficially owned by Mr. O'Neil was none.

Adam Kramer and Ford O'Neil are co-lead portfolio managers of VIP Strategic Income Portfolio and receive compensation for their services. As of December 31, 2018, portfolio manager compensation generally consists of a fixed base salary determined periodically (typically annually), a bonus, in certain cases, participation in several types of equity-based compensation plans, and, if applicable, relocation plan benefits. A portion of each portfolio manager's compensation may be deferred based on criteria established by FMR or at the election of the portfolio manager.

Mr. Kramer's and Mr. O'Neil's base salary is determined by level of responsibility and tenure at FMR or its affiliates. The primary components of each portfolio manager's bonus are based on (i) the pre-tax investment performance of the portfolio manager's fund(s) and account(s) measured against a benchmark index (which may be a customized benchmark index developed by FMR) assigned to each fund or account, (ii) how the portfolio manager allocates the assets of funds and accounts among their asset classes, which results in monthly impact scores, as described below, and (iii) (for Mr. Kramer only) the investment performance of other FMR high yield funds and accounts, and (for Mr. O'Neil only) the investment performance of other FMR taxable bond funds and accounts. The pre-tax investment performance of each portfolio manager's fund(s) and account(s) is weighted according to his tenure on those fund(s) and account(s) and the average asset size of those fund(s) and account(s) over the portfolio manager's tenure. Each component is calculated separately over the portfolio manager's tenure on those fund(s) and account(s) over a measurement period that initially is contemporaneous with his- tenure, but that eventually encompasses rolling periods of up to five years for the comparison to a benchmark index. Each portfolio manager also receives a monthly impact score for each month of his- tenure as manager of a fund or account. The monthly impact scores are weighted according to each portfolio manager's tenure on his -fund(s) and account(s) and the average asset size of those fund(s) and account(s) over his -tenure. The bonus is based on the aggregate impact scores for applicable annual periods eventually encompassing periods of

up to five years. A smaller, subjective component of each portfolio manager's bonus is based on the portfolio manager's overall contribution to management of FMR.

The portion of Mr. Kramer's and Mr. O'Neil's bonus that is linked to the investment performance of VIP Strategic Income Portfolio is based on the fund's pre-tax investment performance relative to the performance of the fund's customized benchmark index (described below), on which the fund's target asset allocation is based. The portion of each portfolio manager's bonus that is based on impact scores is based on how he allocates the fund's assets among the high yield, U.S. Government and investment grade, foreign developed markets, and emerging market asset classes, which are represented by the components of a composite index. The components of the composite index are 40% ICE[®] BofAML[®] US High Yield Constrained Index, 25% Bloomberg Barclays U.S. Government Bond Index, 15% Bloomberg Barclays EM USD Aggregate Index, 15% Bloomberg Barclays Global Aggregate Developed Markets GDP Weighted ex USD Bond, and 5% S&P/LSTA Leveraged Performing Loan Index. Each portfolio manager's bonus is based on the percentage of the fund actually invested in each asset class. The percentage overweight or percentage underweight in each asset class relative to the neutral mix is multiplied by the performance of the index that represents that asset class over the measurement period, resulting in a positive or negative impact score.

Franco Castagliuolo is co-manager of VIP Strategic Income Portfolio and receives compensation for his services. Sean Corcoran is co-manager of VIP Strategic Income Portfolio and receives compensation for his services. Timothy Gill is co-manager of VIP Strategic Income Portfolio and receives compensation for his services. Jonathan Kelly is co-manager of VIP Strategic Income Portfolio and receives compensation for his services. Effective March 27, 2019, Rose McMellin and Ario Emami Nejad serve as co-managers of VIP Strategic Income Portfolio and each receives compensation for his or her services. Information with respect to Ms. McMellin's and Mr. Nejad's holdings and other accounts managed will be updated in a supplement to this SAI. Mark Notkin is co-manager of VIP Strategic Income Portfolio and receives compensation for his services. As of December 31, 2018 (March 27, 2019 for Ms. McMellin and Mr. Nejad), portfolio manager compensation generally consists of a fixed base salary determined periodically (typically annually), a bonus, in certain cases, participation in several types of equity-based compensation plans, and, if applicable, relocation plan benefits. A portion of each portfolio manager's compensation may be deferred based on criteria established by FMR or FIL Limited (FIL), as applicable, or at the election of the portfolio manager.

Mr. Castagliuolo's and Mr. Corcoran's base salary is determined by level of responsibility and tenure at FMR or its affiliates. The primary components of each portfolio manager's bonus are based on (i) the pre-tax investment performance of the portfolio manager's fund(s) and account(s) measured against a benchmark index assigned to each fund or account, and (ii) the investment performance of other FMR taxable bond funds and accounts. The pre-tax investment performance of each portfolio manager's fund(s) and account(s) is weighted according to his tenure on those fund(s) and account(s) and the average asset size of those fund(s) and account(s) over his tenure. Each component is calculated separately over the portfolio manager's tenure on those fund(s) and account(s) over a measurement period that initially is contemporaneous with his tenure, but that eventually encompasses rolling periods of up to three years for the comparison to a benchmark index. A smaller, subjective component of each portfolio manager's bonus is based on the portfolio manager's overall contribution to management of FMR. The portion of each portfolio manager's bonus that is linked to the investment performance of VIP Strategic Income Portfolio is based on the pre-tax investment performance of the portion of the fund's assets he manages measured against the Bloomberg Barclays U.S. Government Bond Index.

Mr. Gill's and Mr. Kelly's base salary is determined by level of responsibility and tenure at FMR or its affiliates. The primary components of each portfolio manager's bonus are based on (i) the pre-tax investment performance of the portfolio manager's fund(s) and account(s) measured against a benchmark index assigned to each fund or account, and (ii) the investment performance of other FMR emerging market funds and accounts. The pre-tax investment performance of each portfolio manager's fund(s) and account(s) is weighted according to his tenure on those fund(s) and account(s) and the average asset size of those fund(s) and account(s) over his tenure. Each component is calculated separately over the portfolio manager's tenure on those fund(s) and account(s) over a measurement period that initially is contemporaneous with his tenure, but that eventually encompasses rolling periods of up to five years for the comparison to a benchmark index. A smaller, subjective component of each portfolio manager's bonus is based on the portfolio manager's overall contribution to management of FMR. The portion of each portfolio manager's bonus that is linked to the investment performance of VIP Strategic Income Portfolio is based on the pre-tax investment performance of the portion of the fund's assets he manages measured against the Bloomberg Barclays Emerging Markets Index.

Mr. Notkin's base salary is determined by level of responsibility and tenure at FMR or its affiliates. The primary components of the portfolio manager's bonus are based on (i) the pre-tax investment performance of the portfolio manager's fund(s) and account(s) measured against a benchmark index or within a defined peer group assigned to each fund or account, and (ii) the investment performance of other FMR high yield funds and accounts. The pre-tax investment performance of the portfolio manager's fund(s) and account(s) is weighted according to his tenure on those fund(s) and account(s) and the average asset size of those fund(s) and account(s) over his tenure. Each component is calculated separately over the portfolio manager's tenure on those fund(s) and account(s) over a measurement period that initially is contemporaneous with his tenure, but that eventually encompasses rolling periods of up to five years for the comparison to a benchmark index or a peer group. A smaller, subjective component of the portfolio manager's bonus is based on the portfolio manager's overall contribution to management of FMR.

The portion of the portfolio manager’s bonus that is linked to the investment performance of VIP Strategic Income Portfolio is based on the pre-tax investment performance of the portion of the fund’s assets he manages (based on the performance of the fund’s Initial Class) within the LipperSM High Current Yield Funds.

Ms. McMellin and Mr. Nejad’s base salary is determined by level of responsibility and tenure at FIL or its affiliates. The primary components of each portfolio manager’s bonus are based on the pre-tax investment performance of the portfolio manager’s fund(s) and account(s) measured against a benchmark index or within a defined peer group, as applicable, assigned to each fund or account. The pre-tax investment performance of each portfolio manager’s fund(s) and account(s) is weighted according to his or her tenure on those fund(s) and account(s) and the average asset size of those fund(s) and account(s) over his or her tenure. Each component is calculated separately over the portfolio manager’s tenure on those fund(s) and account(s) over a measurement period that initially is contemporaneous with his or her tenure, but that eventually encompasses rolling periods of up to three years for the comparison to a benchmark index or a peer group. A smaller, subjective component of each portfolio manager’s bonus is based on the co-manager’s overall contribution to management of FIL. The portion of each portfolio manager’s bonus that is linked to the investment performance of VIP Strategic Income Portfolio is based on the pre-tax investment performance of the portion of the fund’s assets he or she manages measured against the Bloomberg Barclays Global Aggregate DM GDP ex USD Index.

Each portfolio manager (except for employees of FIL and its affiliates) also is compensated under equity-based compensation plans linked to increases or decreases in the net asset value of the stock of FMR LLC, FMR’s parent company. FMR LLC is a diverse financial services company engaged in various activities that include fund management, brokerage, retirement and employer administrative services. Employees of FIL and its affiliates are compensated under equity-based compensation plans linked to increases or decreases in the net asset value of the stock of FIL. If requested to relocate their primary residence, portfolio managers also may be eligible to receive benefits, such as home sale assistance and payment of certain moving expenses, under relocation plans for most full-time employees of FMR LLC or FIL and their affiliates.

A portfolio manager’s compensation plan may give rise to potential conflicts of interest. A portfolio manager’s compensation is linked to the pre-tax performance of the fund, rather than its after-tax performance. A portfolio manager’s base pay tends to increase with additional and more complex responsibilities that include increased assets under management and a portion of the bonus relates to marketing efforts, which together indirectly link compensation to sales. When a portfolio manager takes over a fund or an account, the time period over which performance is measured may be adjusted to provide a transition period in which to assess the portfolio. The management of multiple funds and accounts (including proprietary accounts) may give rise to potential conflicts of interest if the funds and accounts have different objectives, benchmarks, time horizons, and fees as a portfolio manager must allocate his or her time and investment ideas across multiple funds and accounts. In addition, a fund’s trade allocation policies and procedures may give rise to conflicts of interest if the fund’s orders do not get fully executed due to being aggregated with those of other accounts managed by FMR or an affiliate. A portfolio manager may execute transactions for another fund or account that may adversely impact the value of securities held by a fund. Securities selected for other funds or accounts may outperform the securities selected for the fund. Portfolio managers may be permitted to invest in the funds they manage, even if a fund is closed to new investors. Trading in personal accounts, which may give rise to potential conflicts of interest, is restricted by a fund’s Code of Ethics.

The following table provides information relating to other accounts managed by Mr. Kramer as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	9	6	1
Number of Accounts Managed with Performance-Based Advisory Fees	1	none	none
Assets Managed (in millions)	\$ 23,591	\$ 1,449	\$ 366
Assets Managed with Performance-Based Advisory Fees (in millions)	\$ 1,257	none	none

* Includes VIP Strategic Income Portfolio (\$1,390 (in millions) assets managed). The amount of assets managed of the fund reflects trades and other assets as of the close of the business day prior to the fund’s fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Strategic Income Portfolio beneficially owned by Mr. Kramer was none.

The following table provides information relating to other accounts managed by Mr. O’Neil as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	16	7	4

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 101,991	\$ 7,630	\$ 910
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes VIP Strategic Income Portfolio (\$1,390 (in millions) assets managed). The amount of assets managed of the fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Strategic Income Portfolio beneficially owned by Mr. O'Neil was none.

The following table provides information relating to other accounts managed by Mr. Castagliuolo as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	17	4	2
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 37,909	\$ 2,001	\$ 1,205
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes assets of VIP Strategic Income Portfolio managed by Mr. Castagliuolo (\$336 (in millions) assets managed). The amount of assets managed of the fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Strategic Income Portfolio beneficially owned by Mr. Castagliuolo was none.

The following table provides information relating to other accounts managed by Mr. Corcoran as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	17	5	2
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 37,909	\$ 2,164	\$ 1,205
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes assets of VIP Strategic Income Portfolio managed by Mr. Corcoran (\$336 (in millions) assets managed). The amount of assets managed of the fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Strategic Income Portfolio beneficially owned by Mr. Corcoran was none.

The following table provides information relating to other accounts managed by Mr. Gill as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	8	2	2
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 13,681	\$ 790	\$ 716
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes assets of VIP Strategic Income Portfolio managed by Mr. Gill (\$208 (in millions) assets managed). The amount of assets managed of the fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Strategic Income Portfolio beneficially owned by Mr. Gill was none.

The following table provides information relating to other accounts managed by Mr. Kelly as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	7	4	6
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 13,464	\$ 1,512	\$ 1,307
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes assets of VIP Strategic Income Portfolio managed by Mr. Kelly (\$208 (in millions) assets managed). The amount of assets managed of the fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Strategic Income Portfolio beneficially owned by Mr. Kelly was none.

The following table provides information relating to other accounts managed by Mr. Notkin as of December 31, 2018:

	Registered Investment Companies*	Other Pooled Investment Vehicles	Other Accounts
Number of Accounts Managed	4	none	none
Number of Accounts Managed with Performance-Based Advisory Fees	none	none	none
Assets Managed (in millions)	\$ 19,597	none	none
Assets Managed with Performance-Based Advisory Fees (in millions)	none	none	none

* Includes assets of VIP Strategic Income Portfolio managed by Mr. Notkin (\$552 (in millions) assets managed). The amount of assets managed of the fund reflects trades and other assets as of the close of the business day prior to the fund's fiscal year-end.

As of December 31, 2018, the dollar range of shares of VIP Strategic Income Portfolio beneficially owned by Mr. Notkin was none.

PROXY VOTING GUIDELINES

Fidelity® Funds' Proxy Voting Guidelines

I. Introduction

These guidelines are intended to help Fidelity's customers and the companies in which Fidelity invests understand how Fidelity votes proxies to further the values that have sustained Fidelity for over 70 years. In particular, these guidelines are animated by two fundamental principles: 1) putting first the long-term interests of our customers and fund shareholders; and 2) investing in companies that share our approach to creating value over the long-term. Fidelity generally adheres to these guidelines in voting proxies. Our evaluation of proxies reflects information from many sources, including management or shareholders of a company presenting a proposal and proxy voting advisory firms. Fidelity maintains the flexibility to vote individual proxies based on our assessment of each situation.

In evaluating proxies, we recognize that companies can conduct themselves in ways that have important environmental and social consequences. While Fidelity always remains focused on maximizing long-term shareholder value, we also consider potential environmental, social and governance (ESG) impacts.

Fidelity will vote on proposals not specifically addressed by these guidelines based on an evaluation of a proposal's likelihood to enhance the long-term economic returns or profitability of the company or to maximize long-term shareholder value. Fidelity will not be influenced by business relationships or outside perspectives that may conflict with the interests of the funds and their shareholders.

II. Board of Directors and Corporate Governance

Directors of public companies play a critical role in ensuring that a company and its management team serve the interests of its shareholders. Fidelity believes that through proxy voting, it can help ensure accountability of management teams and boards of directors, align management and shareholder interests, and monitor and assess the degree of transparency and disclosure with respect to executive compensation and board actions affecting shareholders' rights. The following general guidelines are intended to reflect these proxy voting principles.

A. Election of Directors

Fidelity will generally support director nominees in elections where all directors are unopposed (uncontested elections),

except where a director clearly appears to have failed to exercise reasonable judgment or otherwise failed to sufficiently protect the interests of shareholders.

Fidelity generally will oppose the election of directors if, by way of example:

1. The director attended fewer than 75% of the total number of meetings of the board and its committees on which the director served during the company's prior fiscal year, absent extenuating circumstances.
2. Inside or affiliated directors serve on boards that are not composed of a majority of independent directors.
3. The company made a commitment to modify a proposal or practice to conform to these guidelines, and failed to act on that commitment.
4. For reasons described below under the sections entitled Compensation and Anti-Takeover Provisions and Director Elections.

B. Contested Director Elections

On occasion, directors are forced to compete for election against outside director nominees (contested elections). Fidelity believes that strong management creates long-term shareholder value. As a result, Fidelity generally will vote in support of management of companies in which the funds' assets are invested. Fidelity will vote its proxy on a case-by-case basis in a contested election, taking into consideration a number of factors, amongst others:

1. Management's track record and strategic plan for enhancing shareholder value;
2. The long-term performance of the company compared to its industry peers; and
3. The qualifications of the shareholder's and management's nominees.

Fidelity will vote for the outcome it believes has the best prospects for maximizing shareholder value over the long-term.

C. Cumulative Voting Rights

Under cumulative voting, each shareholder may exercise the number of votes equal to the number of shares owned multiplied by the number of directors up for election. Shareholders may cast all of their votes for a single nominee (or multiple nominees in varying amounts). With regular (non-cumulative) voting, by contrast, shareholders cannot allocate more than one vote per share to any one director nominee. Fidelity believes that cumulative voting can be detrimental to the overall strength of a board. Generally, therefore, Fidelity will oppose the introduction of, and support the elimination of, cumulative voting rights.

D. Classified Boards

A classified board is one that elects only a percentage of its members each year (usually one-third of directors are elected to serve a three-year term). This means that at each annual meeting only a subset of directors is up for re-election. Fidelity believes that, in general, classified boards are not as accountable to shareholders as declassified boards. For this and other reasons, Fidelity generally will oppose a board's adoption of a classified board structure and support declassification of existing boards.

E. Independent Chairperson

In general, Fidelity believes that boards should have a process and criteria for selecting the board chair, and will oppose shareholder proposals calling for, or recommending the appointment of, a non-executive or independent chairperson. If, however, based on particular facts and circumstances, Fidelity believes that appointment of a non-executive or independent chairperson appears likely to further the interests of shareholders and promote effective oversight of management by the board of directors, Fidelity will consider voting to support a proposal for an independent chairperson under such circumstances.

F. Majority Voting in Director Elections

In general, Fidelity supports proposals calling for directors to be elected by a majority of votes cast if the proposal permits election by a plurality in the case of contested elections (where, for example, there are more nominees than board seats). Fidelity may oppose a majority voting shareholder proposal where a company's board has adopted a policy requiring the resignation of an incumbent director who fails to receive the support of a majority of the votes cast in an uncontested election.

G. Proxy Access

Proxy access proposals generally require a company to amend its by-laws to allow a qualifying shareholder or group of shareholders to nominate directors on a company's proxy ballot. Fidelity believes that certain safeguards as to ownership threshold and duration of ownership are important to assure that proxy access is not misused by those without a significant economic interest in the company or those driven by short term goals. Fidelity will evaluate proxy access proposals on a case-by-case basis, but generally will support proposals that include ownership of at least 3% (5% in the case of small-cap companies) of the company's shares outstanding for at least three years; limit the number of directors that eligible shareholders may nominate to 20% of the board; and limit to 20 the number of shareholders that may form a nominating group.

H. Indemnification of Directors and Officers

In many instances there are sound reasons to indemnify officers and directors, so that they may perform their duties without the distraction of unwarranted litigation or other legal process. Fidelity generally supports charter and by-law amendments expanding the indemnification of officers or directors, or limiting their liability for breaches of care unless Fidelity is dissatisfied with their performance or the proposal is accompanied by anti-takeover provisions (see Anti-Takeover Provisions and Shareholders Rights Plans below).

III. Compensation

Incentive compensation plans can be complicated and many factors are considered when evaluating such plans. Fidelity evaluates such plans based on protecting shareholder interests and our historical knowledge of the company and its management.

A. Equity Compensation Plans

Fidelity encourages the use of reasonably designed equity compensation plans that align the interest of management with those of shareholders by providing officers and employees with incentives to increase long-term shareholder value. Fidelity considers whether such plans are too dilutive to existing shareholders because dilution reduces the voting power or economic interest of existing shareholders as a result of an increase in shares available for distribution to employees in lieu of cash compensation. Fidelity will generally oppose equity compensation plans or amendments to authorize additional shares under such plans if:

1. The company grants stock options and equity awards in a given year at a rate higher than a benchmark rate (“burn rate”) considered appropriate by Fidelity and there were no circumstances specific to the company or the compensation plans that leads Fidelity to conclude that the rate of awards is otherwise acceptable.
2. The plan includes an evergreen provision, which is a feature that provides for an automatic increase in the shares available for grant under an equity compensation plan on a regular basis.
3. The plan provides for the acceleration of vesting of equity compensation even though an actual change in control may not occur.

As to stock option plans, considerations include the following:

1. Pricing: We believe that options should be priced at 100% of fair market value on the date they are granted. We generally oppose options priced at a discount to the market, although the price may be as low as 85% of fair market value if the discount is expressly granted in lieu of salary or cash bonus.
2. Re-pricing: An “out-of-the-money” (or underwater) option has an exercise price that is higher than the current price of the stock. We generally oppose the re-pricing of underwater options because it is not consistent with a policy of offering options as a form of long-term compensation. Fidelity also generally opposes a stock option plan if the board or compensation committee has re-priced options outstanding in the past two years without shareholder approval.

Fidelity generally will support a management proposal to exchange, re-price or tender for cash, outstanding options if the proposed exchange, re-pricing, or tender offer is consistent with the interests of shareholders, taking into account a variety of factors such as:

1. Whether the proposal excludes senior management and directors;
2. Whether the exchange or re-pricing proposal is value neutral to shareholders based upon an acceptable pricing model;
3. The company’s relative performance compared to other companies within the relevant industry or industries;
4. Economic and other conditions affecting the relevant industry or industries in which the company competes; and
5. Any other facts or circumstances relevant to determining whether an exchange or re-pricing proposal is consistent with the interests of shareholders.

B. Employee Stock Purchase Plans

These plans are designed to allow employees to purchase company stock at a discounted price and receive favorable tax treatment when the stock is sold. Fidelity generally will support employee stock purchase plans if the minimum stock purchase price is equal to or greater than 85% (or at least 75% in the case of non-U.S. companies where a lower minimum stock purchase price is equal to the prevailing “best practices” in that market) of the stock’s fair market value and the plan constitutes a reasonable effort to encourage broad based participation in the company’s stock.

IV. Advisory Vote on Executive Compensation (Say on Pay) and Frequency of Say on Pay Vote

Current law requires companies to allow shareholders to cast non-binding votes on the compensation for named executive officers, as well as the frequency of such votes. Fidelity generally will support proposals to ratify executive compensation unless the compensation appears misaligned with shareholder interests or is otherwise problematic, taking into account:

- The actions taken by the board or compensation committee in the previous year, including whether the company re-priced or exchanged outstanding stock options without shareholder approval; adopted or extended a golden parachute without shareholder approval; or adequately addressed concerns communicated by Fidelity in the process of discussing executive compensation;

- The alignment of executive compensation and company performance relative to peers; and

- The structure of the compensation program, including factors such as whether incentive plan metrics are appropriate, rigorous and transparent; whether the long-term element of the compensation program is evaluated over at least a three-year period; the sensitivity of pay to below median performance; the amount and nature of non-performance-based compensation; the justification and rationale behind paying discretionary bonuses; the use of stock ownership guidelines and amount of executive stock ownership; and how well elements of compensation are disclosed.

When presented with a frequency of Say on Pay vote, Fidelity generally will support holding an annual advisory vote on Say on Pay.

A. Compensation Committee

Directors serving on the compensation committee of the Board have a special responsibility to ensure that management is appropriately compensated and that compensation, among other things, fairly reflects the performance of the company. Fidelity believes that compensation should align with company performance as measured by key business metrics. Compensation policies should align the interests of executives with those of shareholders. Further, the compensation program should be disclosed in a transparent and timely manner.

Fidelity will oppose the election of directors on the compensation committees if:

1. The company has not adequately addressed concerns communicated by Fidelity in the process of discussing executive compensation.

2. Within the last year, and without shareholder approval, a company's board of directors or compensation committee has either:

- a) Re-priced outstanding options, exchanged outstanding options for equity, or tendered cash for outstanding options; or

- b) Adopted or extended a golden parachute.

B. Executive Severance Agreements

Executive severance compensation and benefit arrangements resulting from a termination following a change in control are known as "golden parachutes." Fidelity generally will oppose proposals to ratify golden parachutes where the arrangement includes an excise tax gross-up provision; single trigger for cash incentives; or may result in a lump sum payment of cash and acceleration of equity that may total more than three times annual compensation (salary and bonus) in the event of a termination following a change in control.

V. Environmental and Social Issues

In these guidelines, we outline our views about corporate governance and how we evaluate and express our views about the governance of a company in ways that are intended to maximize long-term shareholder value. In addition, environmental and social issues are generally incorporated into our evaluation of a company.

Fidelity generally will vote in a manner consistent with management's recommendation on shareholder proposals concerning environmental or social issues, as it generally believes that management and the board are in the best position to determine how to address these matters. In certain cases, however, Fidelity may support shareholder proposals that request additional disclosures from companies regarding environmental or social issues, where it believes that the proposed disclosures could provide meaningful information to the investment management process without unduly burdening the company. For example, Fidelity may support shareholder proposals calling for reports on sustainability, renewable energy, and environmental impact issues. Fidelity also may support proposals on issues such as equal employment, and board and workforce diversity.

VI. Anti-Takeover Provisions and Shareholders Rights Plans

Fidelity generally will oppose a proposal to adopt an anti-takeover provision.

Anti-takeover provisions include:

- classified boards;

- "blank check" preferred stock (whose terms and conditions may be expressly determined by the company's board, for example, with differential voting rights);

- golden parachutes;

- supermajority provisions (that require a large majority (generally between 67-90%) of shareholders to approve corporate changes as compared to a majority provision that simply requires more than 50% of shareholders to approve those changes);
- poison pills;
- restricting the right to call special meetings;
- provisions restricting the right of shareholders to set board size; and
- any other provision that eliminates or limits shareholder rights.

A. Shareholders Rights Plans (“poison pills”)

Poison pills allow shareholders opposed to a takeover offer to purchase stock at discounted prices under certain circumstances and effectively give boards veto power over any takeover offer. While there are advantages and disadvantages to poison pills, they can be detrimental to the creation of shareholder value and can help entrench management by deterring acquisition offers not favored by the board, but that may, in fact, be beneficial to shareholders.

Fidelity generally will support a proposal to adopt or extend a poison pill if the proposal:

1. Includes a condition in the charter or plan that specifies an expiration date (sunset provision) of no greater than five years;
2. Is integral to a business strategy that is expected to result in greater value for the shareholders;
3. Requires shareholder approval to be reinstated upon expiration or if amended;
4. Contains a mechanism to allow shareholders to consider a bona fide takeover offer for all outstanding shares without triggering the poison pill; and
5. Allows the Fidelity funds to hold an aggregate position of up to 20% of a company’s total voting securities, where permissible.

Fidelity generally also will support a proposal that is crafted only for the purpose of protecting a specific tax benefit if it also believes the proposal is likely to enhance long-term economic returns or maximize long-term shareholder value.

B. Shareholder Ability to Call a Special Meeting

Fidelity generally will support shareholder proposals regarding shareholders’ right to call special meetings if the threshold required to call the special meeting is no less than 25% of the outstanding stock.

C. Shareholder Ability to Act by Written Consent

Fidelity generally will support proposals regarding shareholders’ right to act by written consent if the proposals include appropriate mechanisms for implementation. This means that proposals must include record date requests from at least 25% of the outstanding stockholders and consents must be solicited from all shareholders.

D. Supermajority Shareholder Vote Requirement

Fidelity generally will support proposals regarding supermajority provisions if Fidelity believes that the provisions protect minority shareholder interests in companies where there is a substantial or dominant shareholder.

VII. Anti-Takeover Provisions and Director Elections

Fidelity will oppose the election of all directors or directors on responsible committees if the board adopted or extended an anti-takeover provision without shareholder approval.

Fidelity will consider supporting the election of directors with respect to poison pills if:

- All of the poison pill’s features outlined under the Anti-Takeover Provisions and Shareholders Rights section above are met when a poison pill is adopted or extended.
- A board is willing to consider seeking shareholder ratification of, or adding the features outlined under the Anti-Takeover Provisions and Shareholders Rights Plans section above to, an existing poison pill. If, however, the company does not take appropriate action prior to the next annual shareholder meeting, Fidelity will oppose the election of all directors at that meeting.
- It determines that the poison pill was narrowly tailored to protect a specific tax benefit, and subject to an evaluation of its likelihood to enhance long-term economic returns or maximize long-term shareholder value.

VIII. Capital Structure and Incorporation

These guidelines are designed to protect shareholders’ value in the companies in which the Fidelity funds invest. To the extent a company’s management is committed and incentivized to maximize shareholder value, Fidelity generally votes in favor of management proposals; Fidelity may vote contrary to management where a proposal is overly dilutive to shareholders and/or

compromises shareholder value or other interests. The guidelines that follow are meant to protect shareholders in these respects.

A. Increases in Common Stock

Fidelity may support reasonable increases in authorized shares for a specific purpose (a stock split or re-capitalization, for example). Fidelity generally will oppose a provision to increase a company's authorized common stock if such increase will result in a total number of authorized shares greater than three times the current number of outstanding and scheduled to be issued shares, including stock options.

In the case of real estate investment trusts (REITs), however, Fidelity will oppose a provision to increase the REIT's authorized common stock if the increase will result in a total number of authorized shares greater than five times the current number of outstanding and scheduled to be issued shares.

B. Multi-Class Share Structures

Fidelity generally will support proposals to recapitalize multi-class share structures into structures that provide equal voting rights for all shareholders, and generally will oppose proposals to introduce or increase classes of stock with differential voting rights. However, Fidelity will evaluate all such proposals in the context of their likelihood to enhance long-term economic returns or maximize long-term shareholder value.

C. Incorporation or Reincorporation in another State or Country

Fidelity generally will support management proposals calling for, or recommending that, a company reincorporate in another state or country if, on balance, the economic and corporate governance factors in the proposed jurisdiction appear reasonably likely to be better aligned with shareholder interests, taking into account the corporate laws of the current and proposed jurisdictions and any changes to the company's current and proposed governing documents. Fidelity will consider supporting these shareholder proposals in limited cases if, based upon particular facts and circumstances, remaining incorporated in the current jurisdiction appears misaligned with shareholder interests.

IX. Shares of Fidelity Funds, ETFs, or other non-Fidelity Mutual Funds and ETFs

When a Fidelity fund invests in an underlying Fidelity fund with public shareholders, an exchange traded fund (ETF), or fund that is not affiliated, Fidelity will vote in the same proportion as all other voting shareholders of the underlying fund (this is known as "echo voting"). Fidelity may choose not to vote if "echo voting" is not operationally practical. For Fidelity fund investments in a Fidelity Series Fund, Fidelity generally will vote in a manner consistent with the recommendation of the Fidelity Series Fund's Board of Trustees on all proposals.

X. Foreign Markets

Many Fidelity funds invest in voting securities issued by companies that are domiciled outside the United States and are not listed on a U.S. securities exchange. Corporate governance standards, legal or regulatory requirements and disclosure practices in foreign countries can differ from those in the United States. When voting proxies relating to non-U.S. securities, Fidelity generally will evaluate proposals under these guidelines and where applicable and feasible, take into consideration differing laws, regulations and practices in the relevant foreign market in determining how to vote shares.

In certain non-U.S. jurisdictions, shareholders voting shares of a company may be restricted from trading the shares for a period of time around the shareholder meeting date. Because these trading restrictions can hinder portfolio management and could result in a loss of liquidity for a fund, Fidelity generally will not vote proxies in circumstances where such restrictions apply. In addition, certain non-U.S. jurisdictions require voting shareholders to disclose current share ownership on a fund-by-fund basis. When such disclosure requirements apply, Fidelity generally will not vote proxies in order to safeguard fund holdings information.

XI. Avoiding Conflicts of Interest

Voting of shares is conducted in a manner consistent with the best interests of the Fidelity funds. In other words, securities of a company generally will be voted in a manner consistent with these guidelines and without regard to any other Fidelity companies' business relationships.

Fidelity takes its responsibility to vote shares in the best interests of the funds seriously and has implemented policies and procedures to address actual and potential conflicts of interest.

XII. Conclusion

Since its founding more than 70 years ago, Fidelity has been driven by two fundamental values: 1) putting the long-term interests of our customers and fund shareholders first; and 2) investing in companies that share our approach to creating value over the long-term. With these fundamental principles as guideposts, the funds are managed to provide the greatest possible return to shareholders consistent with governing laws and the investment guidelines and objectives of each fund.

Fidelity believes that there is a strong correlation between sound corporate governance and enhancing shareholder value.

Fidelity, through the implementation of these guidelines, puts this belief into action through consistent engagement with portfolio companies on matters contained in these guidelines, and, ultimately, through the exercise of voting rights by the funds.

Glossary

- Burn rate means the total number of stock option and full value equity awards granted as compensation in a given year divided by the weighted average common stock outstanding for that same year.

- For a large-capitalization company, burn rate higher than 1.5%.
- For a small-capitalization company, burn rate higher than 2.5%.
- For a micro-capitalization company, burn rate higher than 3.5%.

- Golden parachute means employment contracts, agreements, or policies that include an excise tax gross-up provision; single trigger for cash incentives; or may result in a lump sum payment of cash and acceleration of equity that may total more than three times annual compensation (salary and bonus) in the event of a termination following a change in control.

- Large-capitalization company means a company included in the Russell 1000[®] Index or the Russell Global ex-U.S. Large Cap Index.

- Micro-capitalization company means a company with market capitalization under US \$300 million.

- Poison pill refers to a strategy employed by a potential takeover / target company to make its stock less attractive to an acquirer. Poison pills are generally designed to dilute the acquirer's ownership and value in the event of a takeover.

- Small-capitalization company means a company not included in the Russell 1000[®] Index or the Russell Global ex-U.S. Large Cap Index that is not a Micro-Capitalization Company.

Fidelity International's Proxy Voting Guidelines.

I. General Principles and Application

A. Voting shall be carried out by the Fidelity International ("Fidelity") proxy voting teams with non-routine proposals or other special circumstances also being evaluated by the appropriate Fidelity analyst or portfolio manager. All votes are subject to the authority of the Chief Investment Officers of Fidelity.

B. Fidelity will vote all equity securities where there is a regulatory obligation for us to do so or where the expected benefit of voting outweighs the expected costs.

C. Except as set forth in these guidelines Fidelity will usually vote in favour of incumbent directors and in favour of routine proposals.

D. Fidelity will vote to abstain on proposals if it is deemed to be in the best interest of investors or when the necessary information has not been provided. In certain limited circumstances Fidelity may also vote to abstain in order to send a cautionary message to a company.

E. In instances where there may be a conflict with Fidelity's own interests we will either vote in accordance with the recommendation of our principal third party research provider, or if no recommendation is available, we will either not vote or abstain in accordance with local regulations.

F. Fidelity's proxy voting group will not vote at shareholder meetings of any Fidelity[®] funds unless specifically instructed by a client.

G. Voting decisions will be made on a case by case basis and will take account of the prevailing local market standards and best practice.

II. Shareholder Authority

A. Fidelity will vote against any limitation on shareholder rights or the transfer of authority from shareholders to directors. Likewise we will support proposals which enhance shareholder rights or maximise shareholder value.

B. Fidelity will vote against unusual or excessive authorities to increase issued share capital and particularly in respect of proposed increases for companies in jurisdictions without assured pre-emptive rights.

C. Fidelity is supportive of the principle of one share, one vote and will vote against the authorisation of stock with differential voting rights if the issuance of such stock would adversely affect the voting rights of existing shareholders.

D. Fidelity will generally vote against anti-takeover proposals including share authorities that can be used in such a manner.

E. Fidelity will generally support cumulative voting rights when it is determined they are favourable to the interest of minority shareholders.

F. Fidelity will support proposals to adopt mandatory voting by poll and full disclosure of voting outcomes.

G. Fidelity will support proposals to adopt confidential voting and independent vote tabulation practices.

H. In general Fidelity will only support related party transactions which are made on terms equivalent to those that would prevail in an arm's length transaction.

III. ESG

A. Fidelity will evaluate ESG proposals on a case-by-case basis considering whether the adoption of the proposal in question is likely to have a material impact on either investment risk or returns.

IV. Board Composition and Independence

A. Fidelity favours a separation of the roles of Chairman and Chief Executive and will vote in favour of this outcome when the opportunity arises.

B. Fidelity will consider voting against the election of directors if, in our view, they lack the necessary integrity, competence or capacity to carry out their duties as directors.

C. Fidelity favours robust independent representation on Boards and on occasion Fidelity will consider voting against the election of nominees as independent directors if, in our view, they lack sufficient independence from the company, its management or its controlling shareholders.

V. Remuneration

A. Fidelity will support proposals to give shareholders the right to vote on executive pay practices.

B. Fidelity will generally vote against remuneration proposals when payments made to executives are considered excessive or too short term.

C. Fidelity strongly encourages the long term retention of shares. For shares awarded as part of a remuneration package we will have particular regard for minimum required retention periods. Practice in this regard differs globally but over time we expect all companies to move towards a minimum guaranteed share retention period of at least five years from the date of grant.

D. Remuneration proposals are evaluated on a case-by-case basis but in addition to the factors described above Fidelity will generally vote against incentive arrangements if:

- i. the dilutive effect of shares authorized under the plan is excessive; or
- ii. material changes to arrangements are permissible without shareholder approval; or
- iii. the potential awards are uncapped; or

iv. options are offered with an exercise price of less than 100% of fair market value at the date of grant or if re-pricing is subsequently permitted (employee sharesave schemes may be supported provided the offering price of shares is not less than 80% of the fair market value on the date of grant).

E. In addition, subject to local market standards Fidelity will generally vote against incentive arrangements if:

- i. there are no performance conditions attached to any of the incentive awards; or
- ii. there is no disclosure of the performance measures to be used; or
- iii. the performance targets are insufficiently challenging; or

iv. performance retesting is permitted (if performance targets for a given year are not met then awards for that year should be foregone).

F. Fidelity will consider voting against the re-election of the Chairman of the Remuneration Committee if we vote against the Report of the Remuneration Committee for the second year in a row (assuming no change in personnel in the interim).

G. Fidelity does not support the presence of executive directors on the Remuneration Committee (or its equivalent) of the companies which employ them and we will vote against the remuneration report in these instances when given an opportunity to do so.

To view a fund's proxy voting record for the most recent 12-month period ended June 30, if applicable, visit www.fidelity.com/proxyvotingresults or visit the SEC's web site at www.sec.gov.

DISTRIBUTION SERVICES

Each fund has entered into a distribution agreement with FDC, an affiliate of FMR. The principal business address of FDC is 900 Salem Street, Smithfield, Rhode Island 02917. FDC is a broker-dealer registered under the Securities Exchange Act of 1934

and a member of the Financial Industry Regulatory Authority, Inc. The distribution agreements call for FDC to use all reasonable efforts, consistent with its other business, to secure purchasers for shares of the funds, which are continuously offered at NAV. Promotional and administrative expenses in connection with the offer and sale of shares are paid by FMR.

The Trustees have approved Distribution and Service Plans on behalf of Initial Class, Service Class and Service Class 2 of each fund (the Plans) pursuant to Rule 12b-1 under the 1940 Act (the Rule). The Rule provides in substance that a fund may not engage directly or indirectly in financing any activity that is primarily intended to result in the sale of shares of the fund except pursuant to a plan approved on behalf of the fund under the Rule. The Plans, as approved by the Trustees, allow shares of the funds and/or FMR to incur certain expenses that might be considered to constitute direct or indirect payment by the funds of distribution expenses.

The Plan adopted for each class of each fund is described in the prospectus.

The table below shows the service fees paid for the fiscal year ended December 31, 2018.

<u>Fund(s)</u>	<u>Service Fees Paid to FDC</u>	<u>Service Fees Paid by FDC to Intermediaries</u>	<u>Service Fees Retained by FDC</u>
VIP Asset Manager Portfolio – Service Class 2	\$ 51,170	\$ 51,170	\$ 0
VIP Asset Manager Portfolio – Service Class	\$ 4,819	\$ 4,819	\$ 0
VIP Asset Manager: Growth Portfolio – Service Class 2	\$ 8,961	\$ 8,961	\$ 0
VIP Asset Manager: Growth Portfolio – Service Class	\$ 2,905	\$ 2,905	\$ 0
VIP Government Money Market Portfolio – Service Class 2	\$ 508,729	\$ 508,729	\$ 0
VIP Government Money Market Portfolio – Service Class	\$ 1,054,720	\$ 1,054,720	\$ 0
VIP Investment Grade Bond Portfolio – Service Class 2	\$ 3,789,962	\$ 3,789,962	\$ 0
VIP Investment Grade Bond Portfolio – Service Class	\$ 571,735	\$ 571,735	\$ 0
VIP Strategic Income Portfolio – Service Class 2	\$ 981,847	\$ 981,847	\$ 0
VIP Strategic Income Portfolio – Service Class	\$ 1,778	\$ 1,778	\$ 0

Under each Initial Class Plan, if the payment of management fees by the fund to FMR is deemed to be indirect financing by the fund of the distribution of its shares, such payment is authorized by the Plan. Each Initial Class Plan specifically recognizes that FMR may use its management fee revenue, as well as its past profits or its other resources, to pay FDC for expenses incurred in connection with providing services intended to result in the sale of Initial Class shares and/or shareholder support services. In addition, each Initial Class Plan provides that FMR, directly or through FDC, may pay significant amounts to intermediaries that provide those services. Currently, the Board of Trustees has authorized such payments for Initial Class shares.

Under each Service Class and Service Class 2 Plan, if the payment of management fees by the fund to FMR is deemed to be indirect financing by the fund of the distribution of its shares, such payment is authorized by each Plan. Each Service Class and Service Class 2 Plan specifically recognizes that FMR may use its management fee revenue, as well as its past profits or its other resources, to pay FDC for expenses incurred in connection with providing services intended to result in the sale of Service Class and Service Class 2 shares and/or support services that benefit variable product owners, including payments of significant amounts made to intermediaries that provide those services. Currently, the Board of Trustees has authorized such payments for Service Class and Service Class 2 shares.

Prior to approving each Plan, the Trustees carefully considered all pertinent factors relating to the implementation of the Plan, and determined that there is a reasonable likelihood that the Plan will benefit the applicable class of the fund and variable product owners. In particular, the Trustees noted that each Initial Class Plan does not authorize payments by Initial Class of a fund other than those made to FMR under its management contract with the fund. To the extent that each Plan gives FMR and FDC greater flexibility in connection with the distribution of shares, additional sales of shares or stabilization of cash flows may result. Furthermore, certain support services that benefit variable product owners may be provided more effectively under the Plans by insurance companies and their affiliates with whom variable product owners have other relationships.

Each Service Class and Service Class 2 Plan does not provide for specific payments by Service Class and Service Class 2 of any of the expenses of FDC, or obligate FDC or FMR to perform any specific type or level of distribution activities or incur any specific level of expense in connection with distribution activities.

In addition to the distribution and/or service fees paid by FDC to intermediaries, shown in the table above, FDC or an affiliate may compensate intermediaries that distribute and/or service the funds. A number of factors are considered in determining whether to pay these additional amounts. Such factors may include, without limitation, the level or type of services provided by the intermediary, the level or expected level of assets or sales of shares, the placing of the funds on a preferred or recommended fund

list, access to an intermediary's personnel, and other factors. The total amount paid to intermediaries in the aggregate currently will not exceed 0.10% of the total assets of all VIP funds on an annual basis. In addition to such payments, FDC or an affiliate may offer other incentives such as sponsorship of educational or client seminars relating to current products and issues, assistance in training and educating the intermediaries' personnel, payments or reimbursements for travel and related expenses associated with due diligence trips that an intermediary may undertake in order to explore possible business relationships with affiliates of FDC, and/or payments of costs and expenses associated with attendance at seminars, including travel, lodging, entertainment, and meals. FDC anticipates that payments will be made to over a hundred intermediaries, including some of the largest broker-dealers and other financial firms, and certain of the payments described above may be significant to an intermediary. As permitted by SEC and Financial Industry Regulatory Authority rules and other applicable laws and regulations, FDC or an affiliate may pay or allow other incentives or payments to intermediaries.

A fund's transfer agent or an affiliate may also make payments and reimbursements from its own resources to certain intermediaries (who may be affiliated with the transfer agent) for performing recordkeeping and other services. Please see "Transfer and Service Agent Agreements" in this statement of additional information (SAI) for more information.

If you have purchased shares of a fund through an investment professional, please speak with your investment professional to learn more about any payments his or her firm may receive from FMR, FDC, and/or their affiliates, as well as fees and/or commissions the investment professional charges. You should also consult disclosures made by your investment professional at the time of purchase.

Any of the payments described in this section may represent a premium over payments made by other fund families. Investment professionals may have an added incentive to sell or recommend a fund or a share class over others offered by competing fund families.

TRANSFER AND SERVICE AGENT AGREEMENTS

Each fund has entered into a transfer agent agreement with Fidelity Investments Institutional Operations Company, Inc. (FIIOC), an affiliate of FMR, which is located at 245 Summer Street, Boston, Massachusetts 02210. Under the terms of each agreement, FIIOC (or an agent, including an affiliate) performs transfer agency services.

For providing transfer agency services, FIIOC receives an asset-based fee, calculated and paid monthly on the basis of a class's average daily net assets, with respect to each account in a fund.

For VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio, the asset-based fees are subject to adjustment in any month in which the total return of the S&P 500[®] Index exceeds a positive or negative 15% from a pre-established base value.

FIIOC may collect fees charged in connection with providing certain types of services such as exchanges, closing out fund balances, maintaining fund positions with low balances, checkwriting, wire transactions, and providing historical account research, as applicable.

FIIOC bears the expense of typesetting, printing, and mailing prospectuses, statements of additional information, and all other reports, notices, and statements to existing shareholders (including variable product owners), with the exception of proxy statements.

FIIOC or an affiliate may make payments out of its own resources to intermediaries (including affiliates of FIIOC) for transfer agency and related recordkeeping services with respect to variable product owners' accounts.

Each fund has entered into a service agent agreement with FSC, an affiliate of FMR (or an agent, including an affiliate). VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, VIP Investment Grade Bond Portfolio, and VIP Strategic Income Portfolio have also entered into a securities lending administration agreement with FSC. Under the terms of the agreements, FSC calculates the NAV and dividends for shares, maintains each fund's portfolio and general accounting records, and administers VIP Asset Manager Portfolio's, VIP Asset Manager: Growth Portfolio's, VIP Investment Grade Bond Portfolio's, and VIP Strategic Income Portfolio's securities lending program.

For providing pricing and bookkeeping services, FSC receives a monthly fee based on each fund's average daily net assets throughout the month.

The annual rates for pricing and bookkeeping services for VIP Investment Grade Bond Portfolio and VIP Strategic Income Portfolio are 0.0415% of the first \$500 million of average net assets, 0.0301% of average net assets between \$500 million and \$3.5 billion, 0.0041% of average net assets between \$3.5 billion and \$25 billion, and 0.0019% of average net assets in excess of \$25 billion.

The annual rates for pricing and bookkeeping services for VIP Government Money Market Portfolio are 0.0156% of the first \$500 million of average net assets, 0.0078% of average net assets between \$500 million and \$10 billion, 0.0041% of average net assets between \$10 billion and \$25 billion, and 0.0019% of average net assets in excess of \$25 billion.

The annual rates for pricing and bookkeeping services for VIP Asset Manager Portfolio and VIP Asset Manager: Growth

Portfolio are 0.0492% of the first \$500 million of average net assets, 0.0353% of average net assets between \$500 million and \$3.5 billion, 0.0041% of average net assets between \$3.5 billion and \$25 billion, and 0.0019% of average net assets in excess of \$25 billion.

For administering VIP Asset Manager Portfolio's, VIP Asset Manager: Growth Portfolio's, VIP Investment Grade Bond Portfolio's, and VIP Strategic Income Portfolio's securities lending program, FSC is paid based on the number and duration of individual securities loans.

Pricing and bookkeeping fees paid by a fund to FSC for the past three fiscal years are shown in the following table.

<u>Fund</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>
VIP Asset Manager Portfolio	\$ 466,312	\$ 480,632	\$ 483,683
VIP Asset Manager: Growth Portfolio	\$ 111,047	\$ 106,524	\$ 101,518
VIP Government Money Market Portfolio	\$ 371,606	\$ 340,484	\$ 315,638
VIP Investment Grade Bond Portfolio	\$ 1,132,651	\$ 1,133,075	\$ 1,120,546
VIP Strategic Income Portfolio	\$ 506,068	\$ 488,295	\$ 432,226

Payments made by a fund to FSC for securities lending for the past three fiscal years are shown in the following table.

<u>Fund</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>
VIP Asset Manager Portfolio	\$ 1,499	\$ 0	\$ 950
VIP Asset Manager: Growth Portfolio	\$ 182	\$ 0	\$ 573
VIP Government Money Market Portfolio	\$ 0	\$ 0	\$ 0
VIP Investment Grade Bond Portfolio	\$ 0	\$ 0	\$ 90
VIP Strategic Income Portfolio	\$ 147	\$ 12	\$ 3

SECURITIES LENDING

During the fiscal year, the securities lending agent, or the investment adviser (where the fund does not use a securities lending agent) monitors loan opportunities for each fund, negotiates the terms of the loans with borrowers, monitors the value of securities on loan and the value of the corresponding collateral, communicates with borrowers and the fund's custodian regarding marking to market the collateral, selects securities to be loaned and allocates those loan opportunities among lenders, and arranges for the return of the loaned securities upon the termination of the loan. Income and fees from securities lending activities for the fiscal year ended December 31, 2018, are shown in the following table:

<u>Fund</u>	<u>Fees and/or compensation for securities lending activities and related services:</u>					
	<u>Gross income from securities lending activities</u>	<u>Fees paid to securities lending agent from a revenue split</u>	<u>Administrative fees</u>	<u>Rebate (paid to borrower)</u>	<u>Aggregate fees/compensation for securities lending activities</u>	<u>Net income from securities lending activities</u>
VIP Asset Manager Portfolio	\$ 182,414	\$ 3,050	\$ 1,499	\$ 151,877	\$ 156,426	\$ 25,988
VIP Asset Manager: Growth Portfolio	\$ 27,141	\$ 303	\$ 182	\$ 24,102	\$ 24,587	\$ 2,554
VIP Government Money Market Portfolio ⁽¹⁾	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
VIP Investment Grade Bond Portfolio ⁽¹⁾	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
VIP Strategic Income Portfolio	\$ 15,887	\$ 330	\$ 147	\$ 12,578	\$ 13,055	\$ 2,832

(1) The fund did not lend securities during the year.

A fund does not pay cash collateral management fees, separate indemnification fees, or other fees not reflected above.

DESCRIPTION OF THE TRUST

Trust Organization. Asset Manager Portfolio, Asset Manager: Growth Portfolio, Government Money Market Portfolio, Investment Grade Bond Portfolio, and Strategic Income Portfolio are funds of Variable Insurance Products Fund V, an open-end management investment company created under an initial declaration of trust dated September 9, 1989. On December 1, 2015, Government Money Market Portfolio changed its name from Money Market Portfolio to Government Money Market Portfolio. The Trustees are permitted to create additional funds in the trust and to create additional classes of the funds.

The assets of the trust received for the issue or sale of shares of each fund and all income, earnings, profits, and proceeds thereof, subject to the rights of creditors, are allocated to such fund, and constitute the underlying assets of such fund. The underlying assets of each fund in the trust shall be charged with the liabilities and expenses attributable to such fund, except that liabilities and expenses may be allocated to a particular class. Any general expenses of the trust shall be allocated between or among any one or more of its funds or classes.

Shareholder Liability. The trust is an entity commonly known as a “Massachusetts business trust.” Under Massachusetts law, shareholders of such a trust may, under certain circumstances, be held personally liable for the obligations of the trust.

The Declaration of Trust contains an express disclaimer of shareholder liability for the debts, liabilities, obligations, and expenses of the trust or fund. The Declaration of Trust provides that the trust shall not have any claim against shareholders except for the payment of the purchase price of shares and requires that each agreement, obligation, or instrument entered into or executed by the trust or the Trustees relating to the trust or to a fund shall include a provision limiting the obligations created thereby to the trust or to one or more funds and its or their assets. The Declaration of Trust further provides that shareholders of a fund shall not have a claim on or right to any assets belonging to any other fund.

The Declaration of Trust provides for indemnification out of a fund’s property of any shareholder or former shareholder held personally liable for the obligations of the fund solely by reason of his or her being or having been a shareholder and not because of his or her acts or omissions or for some other reason. The Declaration of Trust also provides that a fund shall, upon request, assume the defense of any claim made against any shareholder for any act or obligation of the fund and satisfy any judgment thereon. Thus, the risk of a shareholder incurring financial loss on account of shareholder liability is limited to circumstances in which a fund itself would be unable to meet its obligations. FMR believes that, in view of the above, the risk of personal liability to shareholders is remote. Claims asserted against one class of shares may subject holders of another class of shares to certain liabilities.

Voting Rights. Each fund’s capital consists of shares of beneficial interest. Shareholders are entitled to one vote for each dollar of net asset value they own. The voting rights of shareholders can be changed only by a shareholder vote. Shares may be voted in the aggregate, by fund, and by class.

The shares have no preemptive or conversion rights. Shares are fully paid and nonassessable, except as set forth under the heading “Shareholder Liability” above.

The trust or a fund or a class may be terminated upon the sale of its assets to, or merger with, another open-end management investment company, series, or class thereof, or upon liquidation and distribution of its assets. The Trustees may reorganize, terminate, merge, or sell all or a portion of the assets of the trust or a fund or a class without prior shareholder approval. In the event of the dissolution or liquidation of the trust, shareholders of each of its funds are entitled to receive the underlying assets of such fund available for distribution. In the event of the dissolution or liquidation of a fund or a class, shareholders of that fund or that class are entitled to receive the underlying assets of the fund or class available for distribution.

Custodians. JPMorgan Chase Bank, 270 Park Avenue, New York, New York, is custodian of the assets of VIP Asset Manager Portfolio and VIP Asset Manager: Growth Portfolio. State Street Bank and Trust Company, 1 Lincoln Street, Boston, Massachusetts, is custodian of the assets of VIP Strategic Income Portfolio. The Bank of New York Mellon, 1 Wall Street, New York, New York, is custodian of the assets of VIP Government Money Market Portfolio and VIP Investment Grade Bond Portfolio. Each custodian is responsible for the safekeeping of a fund’s assets and the appointment of any subcustodian banks and clearing agencies. The Bank of New York Mellon, headquartered in New York, also may serve as special purpose custodian of certain assets of taxable funds in connection with repurchase agreement transactions. JPMorgan Chase Bank, headquartered in New York, also may serve as special purpose custodian of certain assets of taxable funds in connection with repurchase agreement transactions. From time to time, subject to approval by a fund’s Treasurer, a Fidelity® fund may enter into escrow arrangements with other banks if necessary to participate in certain investment offerings.

FMR, its officers and directors, its affiliated companies, Members of the Advisory Board (if any), and Members of the Board of Trustees may, from time to time, conduct transactions with various banks, including banks serving as custodians for certain funds advised by FMR or an affiliate. Transactions that have occurred to date include mortgages and personal and general business loans. In the judgment of each fund’s adviser, the terms and conditions of those transactions were not influenced by existing or potential custodial or other fund relationships.

Independent Registered Public Accounting Firms. PricewaterhouseCoopers LLP, 101 Seaport Boulevard, Boston,

Massachusetts, independent registered public accounting firm, audits financial statements for VIP Government Money Market Portfolio and VIP Strategic Income Portfolio and provides other audit, tax, and related services.

Deloitte & Touche LLP, 200 Berkeley Street, Boston, Massachusetts, independent registered public accounting firm, audits financial statements for VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, and VIP Investment Grade Bond Portfolio and provides other audit related services.

FUND HOLDINGS INFORMATION

Each fund views holdings information as sensitive and limits its dissemination. The Board authorized FMR to establish and administer guidelines for the dissemination of fund holdings information, which may be amended at any time without prior notice. FMR's Disclosure Policy Committee (comprising executive officers of FMR) evaluates disclosure policy with the goal of serving a fund's best interests by striking an appropriate balance between providing information about a fund's portfolio and protecting a fund from potentially harmful disclosure. The Board reviews the administration and modification of these guidelines and receives reports from the funds' chief compliance officer periodically.

VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, and VIP Strategic Income Portfolio will provide a full list of holdings, including its top ten holdings, monthly on institutional.fidelity.com 30 days after the month-end (excluding high income security holdings, which generally will be presented collectively monthly and included in a list of full holdings 60 days after its fiscal quarter-end). This information may also be provided to insurance companies via an electronic reporting tool at that time.

VIP Investment Grade Bond Portfolio will provide a full list of holdings monthly on institutional.fidelity.com 30 days after the month-end (excluding high income security holdings, which generally will be presented collectively monthly and included in a list of full holdings 60 days after its fiscal quarter-end). This information may also be provided to insurance companies via an electronic reporting tool at that time.

VIP Government Money Market Portfolio will provide a full list of holdings as of the last day of the previous month on institutional.fidelity.com. This information will be provided monthly by no later than the fifth business day of each month, and may also be provided to insurance companies via an electronic reporting tool at that time. The information will be available on the web site for a period of not less than six months.

VIP Asset Manager Portfolio, VIP Asset Manager: Growth Portfolio, and VIP Strategic Income Portfolio will provide its top ten holdings (excluding cash and futures) as of the end of the calendar quarter on institutional.fidelity.com 15 or more days after the calendar quarter-end. This information may also be provided to insurance companies via an electronic reporting tool at that time.

Unless otherwise indicated, this information will be available on the web site until updated for the next applicable period.

A full list of holdings may be obtained from a money market fund more frequently, including daily, upon request. A full list of a money market fund's holdings (as of the previous business day) may also be obtained on a continuous basis by submitting a standing request to the fund. A fund may also from time to time provide or make available to the Board or third parties upon request specific fund level performance attribution information and statistics, or holdings information with respect to a specific security or company. Third parties may include variable product owners or prospective variable product owners, members of the press, consultants, and ratings and ranking organizations. FMR reserves the right to refuse to fulfill any request for portfolio holdings information if it believes that providing such information may adversely affect the fund or its shareholders. Nonexclusive examples of performance attribution information and statistics may include (i) the allocation of a fund's portfolio holdings and other investment positions among various asset classes, sectors, industries, and countries, (ii) the characteristics of the stock and bond components of a fund's portfolio holdings and other investment positions, (iii) the attribution of fund returns by asset class, sector, industry, and country and (iv) the volatility characteristics of a fund.

FMR's Disclosure Policy Committee may approve a request for fund level performance attribution and statistics as long as (i) such disclosure does not enable the receiving party to recreate the complete or partial portfolio holdings of any Fidelity fund prior to such fund's public disclosure of its portfolio holdings and (ii) Fidelity has made a good faith determination that the requested information is not material given the particular facts and circumstances. Fidelity may deny any request for performance attribution information and other statistical information about a fund made by any person, and may do so for any reason or for no reason.

Disclosure of non-public portfolio holdings information for a Fidelity fund's portfolio may only be provided pursuant to the guidelines below.

The Use of Holdings In Connection With Fund Operations. Material non-public holdings information may be provided as part of the activities associated with managing Fidelity® funds to: entities which, by explicit agreement or by virtue of their respective duties to the fund, are required to maintain the confidentiality of the information disclosed; other parties if legally required; or persons FMR believes will not misuse the disclosed information. These entities, parties, and persons include, but are

not limited to: a fund's trustees; a fund's manager, its sub-advisers, if any, and their affiliates whose access persons are subject to a code of ethics (including portfolio managers of affiliated funds of funds); contractors who are subject to a confidentiality agreement; a fund's auditors; a fund's custodians; proxy voting service providers; financial printers; pricing service vendors; broker-dealers in connection with the purchase or sale of securities or requests for price quotations or bids on one or more securities; securities lending agents; counsel to a fund or its Independent Trustees; regulatory authorities; stock exchanges and other listing organizations; parties to litigation; third parties in connection with a bankruptcy proceeding relating to a fund holding; and third parties who have submitted a standing request to a money market fund for daily holdings information. Non-public holdings information may also be provided to an issuer regarding the number or percentage of its shares that are owned by a fund and in connection with redemptions in kind.

Other Uses Of Holdings Information. In addition, each fund may provide material non-public holdings information to (i) third parties that calculate information derived from holdings for use by FMR, a sub-adviser, or their affiliates, (ii) ratings and rankings organizations, and (iii) an investment adviser, trustee, or their agents to whom holdings are disclosed for due diligence purposes or in anticipation of a merger involving a fund. Each individual request is reviewed by the Disclosure Policy Committee which must find, in its sole discretion that, based on the specific facts and circumstances, the disclosure appears unlikely to be harmful to a fund. Entities receiving this information must have in place control mechanisms to reasonably ensure or otherwise agree that, (a) the holdings information will be kept confidential, (b) no employee shall use the information to effect trading or for their personal benefit, and (c) the nature and type of information that they, in turn, may disclose to third parties is limited. FMR relies primarily on the existence of non-disclosure agreements and/or control mechanisms when determining that disclosure is not likely to be harmful to a fund.

At this time, the entities receiving information described in the preceding paragraph are: Factset Research Systems Inc. (full or partial fund holdings daily, on the next business day); Standard & Poor's Ratings Services (full holdings weekly (generally as of the previous Friday), generally 5 business days thereafter); MSCI Inc. and certain affiliates (full or partial fund holdings daily, on the next business day); and Bloomberg, L.P. (full holdings daily, on the next business day).

FMR, its affiliates, or the funds will not enter into any arrangements with third parties from which they derive consideration for the disclosure of material non-public holdings information. If, in the future, such an arrangement is desired, prior Board approval would be sought and any such arrangements would be disclosed in the funds' SAI.

There can be no assurance that the funds' policies and procedures with respect to disclosure of fund portfolio holdings will prevent the misuse of such information by individuals and firms that receive such information.

FINANCIAL STATEMENTS

Each fund's financial statements and financial highlights for the fiscal year ended December 31, 2018, and report of the independent registered public accounting firm, are included in the fund's annual report and are incorporated herein by reference. Total annual operating expenses as shown in the prospectus fee table may differ from the ratios of expenses to average net assets in the financial highlights because total annual operating expenses as shown in the prospectus fee table include any acquired fund fees and expenses, whereas the ratios of expenses in the financial highlights do not, except to the extent any acquired fund fees and expenses relate to an entity, such as a wholly-owned subsidiary, with which a fund's financial statements are consolidated. Acquired funds include other investment companies (such as central funds or other underlying funds) in which a fund has invested, if and to the extent it is permitted to do so. Total annual operating expenses in the prospectus fee table and the financial highlights do not include any expenses associated with investments in certain structured or synthetic products that may rely on the exception from the definition of "investment company" provided by section 3(c)(1) or 3(c)(7) of the 1940 Act.

APPENDIX

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The term "VIP" as used in this document refers to Fidelity® Variable Insurance Products.