

SUMMARY PROSPECTUS

April 28, 2017

Share Class: Advisor	Summary Prospectus
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Before you invest, you may want to review the Portfolio's prospectus, which, as supplemented, contains more information about the Portfolio and its risks. You can find the Portfolio's prospectus and other information about the Portfolio online at <http://pvit.pimco-funds.com/FundReports.aspx>. You can also get this information at no cost by calling 1.800.927.4648 or by sending an email request to piprocess@bfdsmidwest.com. The Portfolio's prospectus and Statement of Additional Information, both dated April 28, 2017, as supplemented, along with the financial statements included in the Portfolio's most recent annual report to shareholders dated December 31, 2016, are incorporated by reference into this Summary Prospectus.

Investment Objective

The Portfolio seeks maximum real return, consistent with preservation of real capital and prudent investment management.

Fees and Expenses of the Portfolio

This table describes the fees and expenses that you may pay if you buy and hold Advisor Class shares of the Portfolio. Overall fees and expenses of investing in the Portfolio are higher than shown because the table does not reflect variable contract fees and expenses.

Shareholder Fees (fees paid directly from your investment): N/A

Annual Portfolio Operating Expenses (expenses that you pay each year as a percentage of the value of your investment):

	Advisor Class
Management Fees	0.425%
Distribution and/or Service (12b-1) Fees	0.25%
Acquired Fund Fees and Expenses ⁽¹⁾	0.83%
Total Annual Portfolio Operating Expenses⁽²⁾	1.505%
Fee Waiver and/or Expense Reimbursement ⁽³⁾	(0.14%)
Total Annual Portfolio Operating Expenses After Fee Waiver and/or Expenses Reimbursement	1.365%

- Acquired Fund Fees and Expenses include interest expense of the Underlying PIMCO Funds of 0.05%. Interest expense can result from certain transactions within the Underlying PIMCO Funds and is separate from the management fees paid to PIMCO. Excluding interest expense of the Underlying PIMCO Funds, Total Annual Portfolio Operating Expenses After Fee Waiver and/or Expense Reimbursement are 1.315% for Advisor Class shares.
- Total Annual Portfolio Operating Expenses do not match the Ratio of Expenses to Average Net Assets Excluding Waivers of the Portfolio as set forth in the Financial Highlights table of the prospectus, because the Ratio of Expenses to Average Net Assets Excluding Waivers reflects the operating expenses of the Portfolio and does not include Acquired Fund Fees and Expenses.
- PIMCO has contractually agreed, through May 1, 2018, to reduce its advisory fee to the extent that the Underlying PIMCO Fund Expenses attributable to advisory and supervisory and administrative fees exceed 0.64% of the total assets invested in Underlying PIMCO Funds. PIMCO may recoup these waivers in future periods, not exceeding three years, provided total expenses, including such recoupment, do not

exceed the annual expense limit. The fee reduction is implemented based on a calculation of Underlying PIMCO Fund Expenses attributable to advisory and supervisory and administrative fees that is different from the calculation of Acquired Fund Fees and Expenses listed in the table above.

Example. The Example is intended to help you compare the cost of investing in Advisor Class shares of the Portfolio with the costs of investing in other mutual funds. The Example assumes that you invest \$10,000 for the time periods indicated, and then redeem all your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the Portfolio's operating expenses remain the same. Although your actual costs may be higher or lower, the Example shows what your costs would be based on these assumptions. The Example does not reflect fees and expenses of any variable annuity contract or variable life insurance policy, and would be higher if it did.

	1 Year	3 Years	5 Years	10 Years
Advisor Class	\$139	\$462	\$808	\$1,784

Portfolio Turnover

The Portfolio pays transaction costs when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs. These costs, which are not reflected in the Annual Portfolio Operating Expenses or in the Example table, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 67% of the average value of its portfolio.

Principal Investment Strategies

The Portfolio is a "fund of funds," which is a term used to describe mutual funds that pursue their investment objective by investing in other mutual funds. The Portfolio seeks to achieve its investment objective by investing under normal circumstances substantially all of its assets in Institutional Class or Class M shares of any funds of PIMCO Funds or PIMCO Equity Series, an affiliated open-end investment company, except other funds of funds, or shares of any actively-managed funds of the PIMCO ETF Trust, an affiliated investment company (collectively, "Underlying PIMCO Funds"). As used in the investment objective, "real return" equals total return less the estimated cost of inflation, which is typically measured by the change in an official inflation measure, and "real capital" equals capital less the estimated cost of inflation measured by the change in an official inflation measure. In addition to investing in Underlying PIMCO Funds, at the discretion of Pacific Investment Management Company LLC ("PIMCO") and without shareholder approval, the Portfolio may invest in additional Underlying PIMCO Funds created in the future.

The Portfolio invests its assets in shares of the Underlying PIMCO Funds and does not invest directly in stocks or bonds of other issuers. Research Affiliates, LLC, the Portfolio's asset allocation sub-adviser, determines how the Portfolio allocates and reallocates its assets among the Underlying PIMCO Funds. In doing so, the asset allocation sub-adviser seeks concurrent exposure to a broad spectrum of asset classes.

Investments in Underlying PIMCO Funds. The Portfolio may invest in any or all of the Underlying PIMCO Funds, but will not normally invest in every Underlying PIMCO Fund at any particular time. The Portfolio's investment in a particular Underlying PIMCO Fund normally will not exceed

PIMCO All Asset Portfolio

50% of its total assets. The Portfolio will not invest in the Short Strategy Underlying PIMCO Funds, which seek to gain a negative exposure to an asset class such as equities or commodities. The Portfolio's combined investments in the Equity-Related Underlying PIMCO Funds will not exceed 50% of its total assets. In addition, the Portfolio's combined investments in Inflation-Related Underlying PIMCO Funds, which seek to gain exposure to an asset class such as U.S. Treasury Inflation-Protected Securities ("TIPS"), commodities, or real estate, normally will not exceed 75% of its total assets.

Asset Allocation Investment Process. The Portfolio's assets are not allocated according to a predetermined blend of shares of the Underlying PIMCO Funds. Instead, when making allocation decisions among the Underlying PIMCO Funds, the Portfolio's asset allocation sub-adviser considers various quantitative and qualitative data relating to the U.S. and foreign economies and securities markets. Such data includes projected growth trends in the U.S. and foreign economies, forecasts for interest rates and the relationship between short- and long-term interest rates (yield curve), current and projected trends in inflation, relative valuation levels in the equity and fixed income markets and various segments within those markets, the outlook and projected growth of various industrial sectors, information relating to business cycles, borrowing needs and the cost of capital, political trends, data relating to trade balances and labor information. The Portfolio's asset allocation sub-adviser has the flexibility to reallocate the Portfolio's assets among any or all of the asset class exposures represented by the Underlying PIMCO Funds based on its ongoing analyses of the equity, fixed income and commodity markets. While these analyses are performed daily, material shifts in asset class exposures typically take place over longer periods of time.

Principal Risks

It is possible to lose money on an investment in the Portfolio. The principal risks of investing in the Portfolio, which could adversely affect its net asset value, yield and total return, are listed below.

Principal Risks of the Portfolio

Allocation Risk: the risk that a Portfolio could lose money as a result of less than optimal or poor asset allocation decisions as to how its assets are allocated or reallocated. The Portfolio could miss attractive investment opportunities by underweighting markets that subsequently experience significant returns and could lose value by overweighting markets that subsequently experience significant declines

Fund of Funds Risk: the risk that a Portfolio's performance is closely related to the risks associated with the securities and other investments held by the Underlying PIMCO Funds and that the ability of a Portfolio to achieve its investment objective will depend upon the ability of the Underlying PIMCO Funds to achieve their investment objectives

Certain principal risks of investing in the Underlying PIMCO Funds, and consequently the Portfolio, which could adversely affect its net asset value, yield and total return, are listed below.

Certain Principal Risks of Underlying PIMCO Funds

Market Trading Risk: the risk that an active secondary trading market for shares of an Underlying PIMCO Fund that is an exchange-traded fund does

not continue once developed, that such Underlying PIMCO Fund may not continue to meet a listing exchange's trading or listing requirements, or that such Underlying PIMCO Fund's shares trade at prices other than the Fund's net asset value

Municipal Project-Specific Risk: the risk that an Underlying PIMCO Fund may be more sensitive to adverse economic, business or political developments if it invests a substantial portion of its assets in the bonds of specific projects (such as those relating to education, health care, housing, transportation, and utilities), industrial development bonds, or in bonds from issuers in a single state

Municipal Bond Risk: the risk that an Underlying PIMCO Fund may be affected significantly by the economic, regulatory or political developments affecting the ability of issuers of debt securities whose interest is, in the opinion of bond counsel for the issuer at the time of issuance, exempt from federal income tax ("Municipal Bonds") to pay interest or repay principal

Interest Rate Risk: the risk that fixed income securities will decline in value because of an increase in interest rates; a portfolio with a longer average portfolio duration will be more sensitive to changes in interest rates than a portfolio with a shorter average portfolio duration

Call Risk: the risk that an issuer may exercise its right to redeem a fixed income security earlier than expected (a call). Issuers may call outstanding securities prior to their maturity for a number of reasons (e.g., declining interest rates, changes in credit spreads and improvements in the issuer's credit quality). If an issuer calls a security that the Portfolio has invested in, the Portfolio may not recoup the full amount of its initial investment and may be forced to reinvest in lower-yielding securities, securities with greater credit risks or securities with other, less favorable features

Credit Risk: the risk that the Portfolio could lose money if the issuer or guarantor of a fixed income security, or the counterparty to a derivative contract, is unable or unwilling to meet its financial obligations

High Yield Risk: the risk that high yield securities and unrated securities of similar credit quality (commonly known as "junk bonds") are subject to greater levels of credit, call and liquidity risks. High yield securities are considered primarily speculative with respect to the issuer's continuing ability to make principal and interest payments, and may be more volatile than higher-rated securities of similar maturity

Distressed Company Risk: the risk that securities of distressed companies may be subject to greater levels of credit, issuer and liquidity risk than a portfolio that does not invest in such securities. Securities of distressed companies include both debt and equity securities. Debt securities of distressed companies are considered predominantly speculative with respect to the issuers' continuing ability to make principal and interest payments

Market Risk: the risk that the value of securities owned by the Portfolio may go up or down, sometimes rapidly or unpredictably, due to factors affecting securities markets generally or particular industries

Issuer Risk: the risk that the value of a security may decline for a reason directly related to the issuer, such as management performance, financial leverage and reduced demand for the issuer's goods or services

Liquidity Risk: the risk that a particular investment may be difficult to purchase or sell and that the Portfolio may be unable to sell illiquid securities at an advantageous time or price or achieve its desired level of exposure to a certain sector. Liquidity risk may result from the lack of an active market, reduced number and capacity of traditional market participants to make a market in fixed income securities, and may be magnified in a rising interest rate environment or other circumstances where investor redemptions from fixed income mutual funds may be higher than normal, causing increased supply in the market due to selling activity

Derivatives Risk: the risk of investing in derivative instruments (such as futures, swaps and structured securities), including leverage, liquidity, interest rate, market, credit and management risks, mispricing or valuation complexity. Changes in the value of the derivative may not correlate perfectly with, and may be more sensitive to market events than, the underlying asset, rate or index, and the Portfolio could lose more than the initial amount invested. An Underlying PIMCO Fund's use of derivatives may result in losses to the Portfolio, a reduction in the Portfolio's returns and/or increased volatility. Over-the-counter ("OTC") derivatives are also subject to the risk that a counterparty to the transaction will not fulfill its contractual obligations to the other party, as many of the protections afforded to centrally-cleared derivative transactions might not be available for OTC derivatives. For derivatives traded on an exchange or through a central counterparty, credit risk resides with the Underlying PIMCO Fund's clearing broker, or the clearinghouse itself, rather than with a counterparty in an OTC derivative transaction. Changes in regulation relating to a mutual fund's use of derivatives and related instruments could potentially limit or impact the Underlying PIMCO Fund's ability to invest in derivatives, limit the Underlying PIMCO Fund's ability to employ certain strategies that use derivatives and/or adversely affect the value of derivatives and the Underlying PIMCO Fund's performance

Futures Contract Risk: the risk that, while the value of a futures contract tends to correlate with the value of the underlying asset that it represents, differences between the futures market and the market for the underlying asset may result in an imperfect correlation. Futures contracts may involve risks different from, and possibly greater than, the risks associated with investing directly in the underlying assets. The purchase or sale of a futures contract may result in losses in excess of the amount invested in the futures contract

Model Risk: the risk that an Underlying PIMCO Fund's investment models used in making investment allocation decisions may not adequately take into account certain factors and may result in a decline in the value of an investment in the Underlying PIMCO Fund

Commodity Risk: the risk that investing in commodity-linked derivative instruments may subject the Portfolio to greater volatility than investments in traditional securities. The value of commodity-linked derivative instruments may be affected by changes in overall market movements, commodity index volatility, changes in interest rates, or factors affecting a particular industry or commodity, such as drought, floods, weather, livestock disease, embargoes, tariffs and international economic, political and regulatory developments

Equity Risk: the risk that the value of equity securities, such as common stocks and preferred stocks, may decline due to general market conditions which are not specifically related to a particular company or to factors affecting a particular industry or industries. Equity securities generally have greater price volatility than fixed income securities

Mortgage-Related and Other Asset-Backed Securities Risk: the risks of investing in mortgage-related and other asset-backed securities, including interest rate risk, extension risk, prepayment risk and credit risk

Foreign (Non-U.S.) Investment Risk: the risk that investing in foreign (non-U.S.) securities may result in the Portfolio experiencing more rapid and extreme changes in value than a portfolio that invests exclusively in securities of U.S. companies, due to smaller markets, differing reporting, accounting and auditing standards, increased risk of delayed settlement of portfolio transactions or loss of certificates of portfolio securities, and the risk of unfavorable foreign government actions, including nationalization, expropriation or confiscatory taxation, currency blockage, or political changes or diplomatic developments. Foreign securities may also be less liquid and more difficult to value than securities of U.S. issuers

Real Estate Risk: the risk that a Portfolio's investments in Real Estate Investment Trusts ("REITs") or real estate-linked derivative instruments will subject the Portfolio to risks similar to those associated with direct ownership of real estate, including losses from casualty or condemnation, and changes in local and general economic conditions, supply and demand, interest rates, zoning laws, regulatory limitations on rents, property taxes and operating expenses. A Portfolio's investments in REITs or real estate-linked derivative instruments subject it to management and tax risks. In addition, privately traded REITs subject a Portfolio to liquidity and valuation risk

Emerging Markets Risk: the risk of investing in emerging market securities, primarily increased foreign (non-U.S.) investment risk

Sovereign Debt Risk: the risk that investments in fixed income instruments issued by sovereign entities may decline in value as a result of default or other adverse credit event resulting from an issuer's inability or unwillingness to make principal or interest payments in a timely fashion

Currency Risk: the risk that foreign (non-U.S.) currencies will decline in value relative to the U.S. dollar and affect the Portfolio's investments in foreign (non-U.S.) currencies or in securities that trade in, and receive revenues in, or in derivatives that provide exposure to, foreign (non-U.S.) currencies

Leveraging Risk: the risk that certain transactions of the Portfolio, such as reverse repurchase agreements, loans of portfolio securities, and the use of when-issued, delayed delivery or forward commitment transactions, or derivative instruments, may give rise to leverage, magnifying gains and losses and causing the Portfolio to be more volatile than if it had not been leveraged. This means that leverage entails a heightened risk of loss

Smaller Company Risk: the risk that the value of securities issued by a smaller company may go up or down, sometimes rapidly and unpredictably as compared to more widely held securities, due to narrow markets and limited resources of smaller companies. A Portfolio's investments in smaller companies subject it to greater levels of credit, market and issuer risk

PIMCO All Asset Portfolio

Issuer Non-Diversification Risk: the risks of focusing investments in a small number of issuers, including being more susceptible to risks associated with a single economic, political or regulatory occurrence than a more diversified portfolio might be. Portfolios that are “non-diversified” may invest a greater percentage of their assets in the securities of a single issuer (such as bonds issued by a particular state) than portfolios that are “diversified”

Management Risk: the risk that the investment techniques and risk analyses applied by PIMCO will not produce the desired results and that legislative, regulatory, or tax restrictions, policies or developments may affect the investment techniques available to PIMCO and the individual portfolio manager in connection with managing the Portfolio. There is no guarantee that the investment objective of the Portfolio will be achieved

Short Sale Risk: the risk of entering into short sales, including the potential loss of more money than the actual cost of the investment, and the risk that the third party to the short sale will not fulfill its contractual obligations, causing a loss to the Portfolio

Tax Risk: the risk that the tax treatment of swap agreements and other derivative instruments, such as commodity-linked derivative instruments, including commodity index-linked notes, swap agreements, commodity options, futures, and options on futures, may be affected by future regulatory or legislative changes that could affect whether income from such investments is “qualifying income” under Subchapter M of the Internal Revenue Code, or otherwise affect the character, timing and/or amount of the Portfolio’s taxable income or gains and distributions

Subsidiary Risk: the risk that, by investing in certain Underlying PIMCO Funds that invest in a subsidiary (each a “Subsidiary”), the Portfolio is indirectly exposed to the risks associated with a Subsidiary’s investments. The Subsidiaries are not registered under the 1940 Act and may not be subject to all the investor protections of the 1940 Act. There is no guarantee that the investment objective of a Subsidiary will be achieved

Value Investing Risk: a value stock may decrease in price or may not increase in price as anticipated by PIMCO if it continues to be undervalued by the market or the factors that the portfolio manager believes will cause the stock price to increase do not occur

Arbitrage Risk: the risk that securities purchased pursuant to an arbitrage strategy intended to take advantage of a perceived relationship between the value of two securities may not perform as expected

Convertible Securities Risk: as convertible securities share both fixed income and equity characteristics, they are subject to risks to which fixed income and equity investments are subject. These risks include equity risk, interest rate risk and credit risk

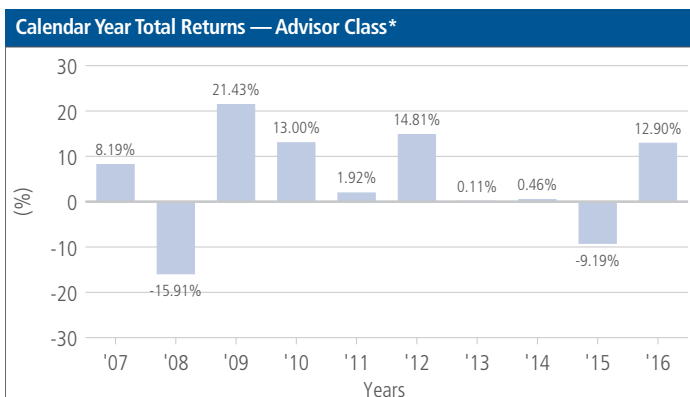
Please see “Description of Principal Risks” in the Portfolio’s prospectus for a more detailed description of the risks of investing in the Portfolio. An investment in the Portfolio is not a deposit of a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency.

Performance Information

The performance information below shows summary performance information for the Portfolio in a bar chart and an Average Annual Total Returns table. The information provides some indication of the risks of investing in the Portfolio by showing changes in its performance from year to year and by showing how the Portfolio’s average annual returns compare with the returns of a broad-based securities market index and an index of similar funds. The Portfolio’s performance information reflects applicable fee waivers and/or expense limitations in effect during the periods presented. Absent such fee waivers and/or expense limitations, if any, performance would have been lower. Performance shown does not reflect any charges or expenses imposed by an insurance company and if it did, performance shown would be lower. The bar chart and the table show performance of the Portfolio’s Advisor Class shares. *The Portfolio’s past performance is not necessarily an indication of how the Portfolio will perform in the future.*

The Portfolio measures its performance against a primary benchmark and a secondary benchmark. The Bloomberg Barclays U.S. TIPS: 1-10 Year Index, the primary benchmark, is an unmanaged index comprised of U.S. Treasury Inflation-Protected securities having a maturity of at least 1 year and less than 10 years. The CPI + 500 Basis Points benchmark, the secondary benchmark, is created by adding 5% to the annual percentage change in the Consumer Price Index (“CPI”). The CPI is an unmanaged index representing the rate of inflation of the U.S. consumer prices as determined by the U.S. Bureau of Labor Statistics.

Performance for the Portfolio is updated daily and monthly and may be obtained as follows: daily updates on the net asset value may be obtained by calling 1-888-87-PIMCO and monthly performance may be obtained at <http://pvit.pimco-funds.com>.



*For the periods shown in the bar chart, the highest quarterly return was 12.12% in the Q2 2009, and the lowest quarterly return was -8.78% in the Q3 2015.

Average Annual Total Returns (for periods ended 12/31/16)

	1 Year	5 Years	10 Years
Advisor Class Return	12.90%	3.43%	4.18%
Bloomberg Barclays U.S. TIPS: 1-10 Year Index (reflects no deductions for fees, expenses or taxes)	4.01%	0.70%	3.75%
Consumer Price Index + 500 Basis Points (reflects no deductions for fees, expenses or taxes)	7.10%	6.35%	6.81%

Investment Adviser/Portfolio Manager



PIMCO serves as the investment adviser for the Portfolio. Research Affiliates, LLC serves as the asset allocation sub-adviser to the Portfolio. The Portfolio's portfolio is jointly managed by Robert D. Arnott and Christopher J. Brightman. Mr. Arnott is the

Chairman and Founder of Research Affiliates, LLC and he has managed the Portfolio since its inception in April 2003. Mr. Brightman is Chief Investment Officer of Research Affiliates, LLC and he has managed the Portfolio since November 2016.

Purchase and Sale of Portfolio Shares

Shares of the Portfolio currently are sold to segregated asset accounts ("Separate Accounts") of insurance companies that fund variable annuity contracts and variable life insurance policies ("Variable Contracts"). Investors do not deal directly with the Portfolio to purchase and redeem shares. Please refer to the prospectus for the Separate Account for information on the allocation of premiums and on transfers of accumulated value among sub-accounts of the Separate Account.

Tax Information

The shareholders of the Portfolio are the insurance companies offering the variable products. Please refer to the prospectus for the Separate Account and the Variable Contract for information regarding the federal income tax treatment of distributions to the Separate Account.

Payments to Insurance Companies and Other Financial Intermediaries

The Portfolio and/or its related companies (including PIMCO) may pay the insurance company and other intermediaries for the sale of the Portfolio and/or other services. These payments may create a conflict of interest by influencing the insurance company or intermediary and your salesperson to recommend a Variable Contract and the Portfolio over another investment. Ask your insurance company or salesperson or visit your financial intermediary's Web site for more information.

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