

American Funds Insurance Series®

Target Date Series

American Funds® IS 2050

Target Date Fund

Summary prospectus

Class 1 and Class 4 shares

May 1, 2025



**CAPITAL
GROUP®**

**AMERICAN
FUNDS®**

Before you invest, you may want to review the fund's [prospectus](#) and [statement of additional information](#), which contain more information about the fund and its risks. You can find the fund's prospectus, statement of additional information, reports to shareholders and other information about the fund online at capitalgroup.com/afis. You can also get this information at no cost by calling (800) 421-9900, ext. 65413 or by sending an email request to afisd@americanfunds.com. The current prospectus and statement of additional information, dated May 1, 2025, are incorporated by reference into this summary prospectus.

Investment objectives Depending on the proximity to its target date, which we define as the year that corresponds roughly to the year in which the investor expects to retire, the fund will seek to achieve the following objectives to varying degrees: growth, income and conservation of capital. The fund will increasingly emphasize income and conservation of capital by investing a greater portion of its assets in fixed income, equity-income and balanced funds as it approaches and passes its target date. In this way, the fund seeks to balance total return and stability over time.

Fees and expenses of the fund This table describes the fees and expenses that you may pay if you buy, hold and sell an interest in Class 1 or Class 4 shares of the fund. **You may pay other fees, such as insurance contract fees and expenses, which are not reflected in the tables and examples below.** If insurance contract fees and expenses were reflected, expenses shown would be higher.

| Annual fund operating expenses (expenses that you pay each year as a percentage of the value of your investment) | Class 1 | Class 4 |
|------------------------------------------------------------------------------------------------------------------|---------|---------|
| Management fees | None | None |
| Distribution (12b-1) fees | None | 0.25% |
| Other expenses ¹ | 0.07% | 0.32 |
| Acquired (underlying) fund fees and expenses | 0.36 | 0.36 |
| Total annual fund operating expenses | 0.43 | 0.93 |
| Expense reimbursement ² | 0.01 | 0.01 |
| Total annual fund operating expenses after expense reimbursement | 0.42 | 0.92 |

¹ Restated to reflect current fees.
² The investment adviser is currently reimbursing a portion of the other expenses. This reimbursement will be in effect through at least May 1, 2026. The adviser may elect at its discretion to extend, modify or terminate the reimbursement at that time.

Example This example is intended to help you compare the cost of investing in Class 1 and Class 4 shares of the fund with the cost of investing in other mutual funds.

The example assumes that you invest \$10,000 in the fund for the time periods indicated and then redeem or hold all of your shares at the end of those periods. The example also assumes that your investment has a 5% return each year and that the fund’s operating expenses remain the same. The example does not reflect insurance contract fees and expenses. If insurance contract fees and expenses were reflected, expenses shown would be higher. The example reflects the expense reimbursement described above through the expiration date of such reimbursement and total annual fund operating expenses thereafter. No sales charge (load) or other fees are charged by the fund upon redemption, so you would incur these hypothetical costs whether or not you were to redeem your shares at the end of the given period. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

| | 1 year | 3 years | 5 years | 10 years |
|---------|--------|---------|---------|----------|
| Class 1 | \$43 | \$137 | \$240 | \$541 |
| Class 4 | 94 | 295 | 514 | 1,142 |

Portfolio turnover The fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs. These costs, which are not reflected in annual fund operating expenses or in the example, affect the fund’s investment results. During the most recent fiscal year, the fund’s portfolio turnover rate was 18% of the average value of its portfolio.

Principal investment strategies The fund will attempt to achieve its investment objectives by investing in a mix of American Funds in different combinations and weightings. The underlying American Funds represent a variety of fund categories, including growth funds, growth-and-income funds, equity-income funds, balanced funds and fixed income funds. The fund categories represent differing investment objectives and strategies. For example, growth funds seek long-term growth primarily through investing in both U.S. stocks and stocks of issuers domiciled outside the United States. Growth-and-income funds seek long-term growth and income primarily through investments in stocks. Equity-income and balanced funds generally strive for income and growth through stocks and/or fixed income investments, while fixed income funds seek current income through investments in bonds or in other fixed income instruments.

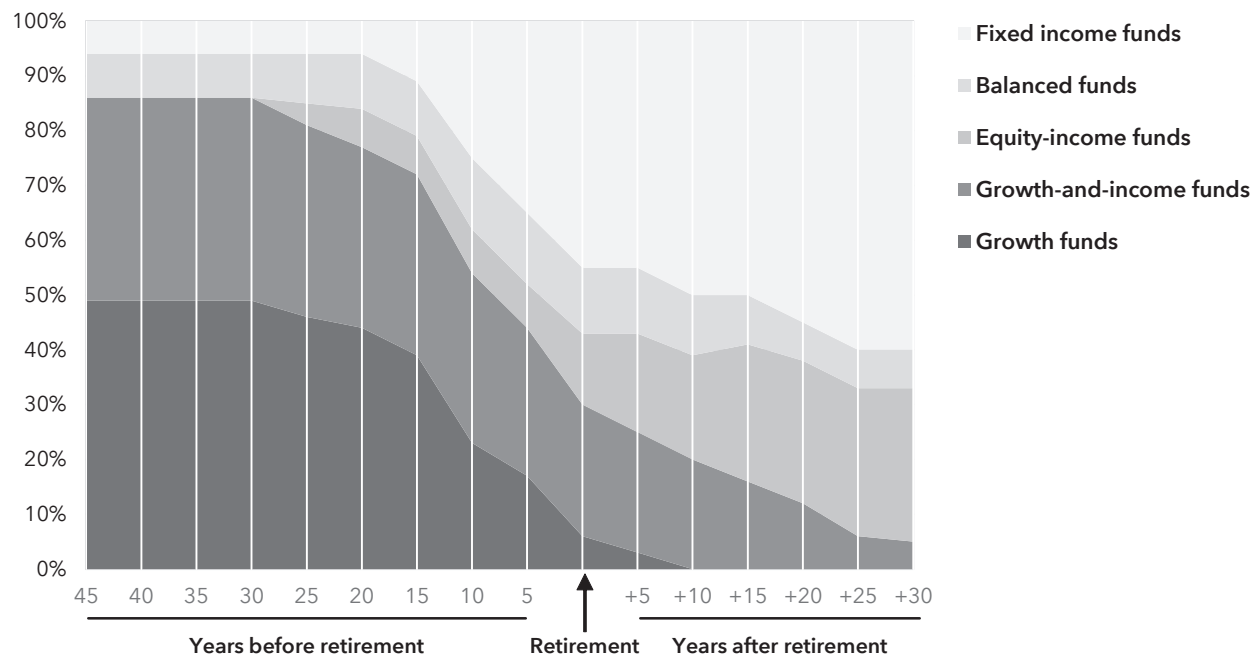
The fund is designed for investors who plan to retire in, or close to, the fund’s target date – that is, the year designated in the fund’s name. However, investors may purchase shares of the fund throughout the life of the fund, including after the target date. In an effort to achieve the fund’s overall investment objective, the fund will continue to provide equity and fixed income exposure in varying amounts after the target date has passed.

The fund’s investment adviser periodically reviews the investment strategies and asset mix of the underlying funds and may, from time to time, rebalance or modify the asset mix of the funds and change the underlying fund investments. The investment adviser may also determine not to change the underlying fund allocations, particularly in response to short-term market movements, if in its opinion the combination of underlying funds is appropriate to meet the fund’s investment objective.

According to its current investment approach, the investment adviser will continue to manage the fund for approximately thirty years after the fund reaches its target date. As reflected in the glide path below, the fund’s asset allocations will change throughout this period. Thirty years after its target date, the fund may be combined with other funds in a single portfolio with an investment allocation that will not evolve beyond that which is in effect at that time.

The following glide path chart illustrates the investment approach of the fund by showing how its investment in the various fund categories will change over time. The glide path represents the shifting of asset classes over time and shows how the fund’s asset mix becomes relatively more conservative – both prior to and after retirement – as time elapses. Although the glide path is meant to dampen the fund’s potential volatility as retirement approaches, the fund is not designed for a lump sum redemption at the retirement date. The fund’s asset allocation strategy promotes asset accumulation prior to retirement, but it is also intended to provide equity exposure throughout retirement to deliver capital growth potential. The fund will seek dividend income to help dampen risk while maintaining equity exposure, and will invest in fixed income securities to help provide current income, capital preservation and inflation protection. The allocations shown reflect the target allocations as of May 1, 2025.

Investment approach



The investment adviser anticipates that the fund will invest its assets within a range that deviates no more than 10% above or below the investment approach set forth above. For example, a 40% target allocation to growth funds is not expected to be greater than 50% nor less than 30%. The investment adviser will monitor the fund on an ongoing basis and may make modifications to either the investment approach or the underlying fund allocations that the investment adviser believes could benefit shareholders.

Principal risks This section describes the principal risks associated with investing in the fund and its underlying funds. You may lose money by investing in the fund. The likelihood of loss may be greater if you invest for a shorter period of time.

The following are principal risks associated with investing in the fund.

Allocation risk – Investments in the fund are subject to risks related to the investment adviser's allocation choices. The selection of the underlying funds and the allocation of the fund's assets could cause the fund to lose value or its results to lag relevant benchmarks or other funds with similar objectives. For investors who are close to or in retirement, the fund's equity exposure may result in investment volatility that could reduce an investor's available retirement assets at a time when the investor has a need to withdraw funds. For investors who are farther from retirement, there is a risk the fund may invest too much in investments designed to ensure capital conservation and current income, which may prevent the investor from meeting his or her retirement goals.

Fund structure – The fund invests in underlying funds and incurs expenses related to the underlying funds. In addition, investors in the fund will incur fees to pay for certain expenses related to the operations of the fund. An investor holding the underlying funds directly and in the same proportions as the fund would incur lower overall expenses but would not receive the benefit of the portfolio management and other services provided by the fund. Additionally, in accordance with an exemption under the Investment Company Act of 1940, as amended, the investment adviser considers only proprietary funds when selecting underlying investment options and allocations. This means that the fund's investment adviser does not, nor does it expect to, consider any unaffiliated funds as underlying investment options for the fund. This strategy could raise certain conflicts of interest when determining the overall asset allocation of the fund or choosing underlying investments for the fund, including the selection of funds that result in greater compensation to the adviser or funds with relatively lower historical investment results. The investment adviser has policies and procedures designed to mitigate material conflicts of interest that may arise in connection with its management of the fund.

Underlying fund risks – Because the fund's investments consist of underlying funds, the fund's risks are directly related to the risks of the underlying funds. For this reason, it is important to understand the risks associated with investing in the underlying funds, as described below.

The following are principal risks associated with investing in the underlying funds.

Market conditions – The prices of, and the income generated by, the common stocks, bonds and other securities held by the underlying funds may decline – sometimes rapidly or unpredictably – due to various factors, including events or conditions affecting the general economy or particular industries or companies; overall market changes; local, regional or global political, social or economic instability; governmental, governmental agency or central bank responses to economic conditions; levels of public debt and deficits; changes in inflation rates; and currency exchange rate, interest rate and commodity price fluctuations.

Economies and financial markets throughout the world are highly interconnected. Economic, financial or political events, trading and tariff arrangements, wars, terrorism, cybersecurity events, natural disasters, public health emergencies (such as the spread of infectious disease), bank failures and other circumstances in one country or region, including actions taken by governmental or quasi-governmental authorities in response to any of the foregoing, could have impacts on global economies or markets. As a result, whether or not the underlying funds invest in securities of issuers located in or with significant exposure to the countries affected, the value and liquidity of the underlying funds' investments may be negatively affected by developments in other countries and regions.

Issuer risks – The prices of, and the income generated by, securities held by the underlying funds may decline in response to various factors directly related to the issuers of such securities, including reduced demand for an issuer's goods or services, poor management performance, major litigation, investigations or other controversies related to the issuer, changes in the issuer's financial condition or credit rating, changes in government regulations affecting the issuer or its competitive environment and strategic initiatives such as mergers, acquisitions or dispositions and the market response to any such initiatives. An individual security may also be affected by factors relating to the industry or sector of the issuer or the securities markets as a whole, and conversely an industry or sector or the securities markets may be affected by a change in financial condition or other event affecting a single issuer.

Investing in stocks – Investing in stocks may involve larger price swings and greater potential for loss than other types of investments. As a result, the value of the underlying funds may be subject to sharp declines in value. The value of the underlying fund's securities and income provided by an underlying fund may be reduced by changes in the dividend policies of, and the capital resources available at, the companies in which the underlying fund invests. These risks may be even greater in the case of smaller capitalization stocks. As the fund nears its target date, a decreasing proportion of the fund's assets will be invested in underlying funds that invest primarily in stocks. Accordingly, these risks are expected to be more significant the further the fund is removed from its target date and are expected to lessen as the fund approaches its target date.

Investing outside the United States – Securities of issuers domiciled outside the United States or with significant operations or revenues outside the United States, and securities tied economically to countries outside the United States, may lose value because of adverse political, social, economic or market developments (including social instability, regional conflicts, terrorism and war) in the countries or regions in which the issuers are domiciled, operate or generate revenue or to which the securities are tied economically. These securities may also lose value due to changes in foreign currency exchange rates against the U.S. dollar and/or currencies of other countries. Issuers of these securities may be more susceptible to actions of foreign governments, such as nationalization, currency blockage or the imposition of price controls, sanctions, or punitive taxes, each of which could adversely impact the value of these securities. Securities markets in certain countries may be more volatile and/or less liquid than those in the United States. Investments outside the United States may also be subject to different regulatory, legal, accounting, auditing, financial reporting and recordkeeping requirements, and may be more difficult to value, than those in the United States. In addition, the value of investments outside the United States may be reduced by foreign taxes, including foreign withholding taxes on interest and dividends. Further, there may be increased risks of delayed settlement of securities purchased or sold by an underlying fund, which could impact the liquidity of the fund's portfolio. The risks of investing outside the United States may be heightened in connection with investments in emerging markets (as further described in the section relating to investing in emerging markets in the statement of additional information).

Investing in debt instruments – The prices of, and the income generated by, bonds and other debt securities held by an underlying fund may be affected by factors such as the interest rates, maturities and credit quality of these securities.

Rising interest rates will generally cause the prices of bonds and other debt securities to fall. Also, when interest rates rise, issuers of debt securities that may be prepaid at any time, such as mortgage- or other asset-backed securities, are less likely to refinance existing debt securities, causing the average life of such securities to extend. A general change in interest rates may cause investors to sell debt securities on a large scale, which could also adversely affect the price and liquidity of debt securities and could also result in increased redemptions from the fund. Falling interest rates may cause an issuer to redeem, call or refinance a debt security before its stated maturity, which may result in the fund having to reinvest the proceeds in lower yielding securities. Longer maturity debt securities generally have greater sensitivity to changes in interest rates and may be subject to greater price fluctuations than shorter maturity debt securities.

Bonds and other debt securities are also subject to credit risk, which is the possibility that the credit strength of an issuer or guarantor will weaken or be perceived to be weaker, and/or an issuer of a debt security will fail to make timely payments of principal or interest and the security will go into default. Changes in actual or perceived creditworthiness may occur quickly. A downgrade or default affecting any of the underlying funds' securities could cause the value of the underlying funds' shares to decrease. Lower quality debt securities generally have higher rates of interest and may be subject to greater price fluctuations than higher quality debt securities. Credit risk is gauged, in part, by the credit ratings of the debt securities in which the underlying fund invests. However, ratings are only the opinions of the rating agencies issuing them and are not guarantees as to credit quality or an evaluation of market risk. The underlying funds' investment adviser relies on its own credit analysts to research issuers and issues in assessing credit and default risks. These risks will be more significant as the fund approaches and passes its target date because a greater proportion of the fund's assets will consist of underlying funds that primarily invest in bonds.

Investing in securities backed by the U.S. government – U.S. government securities are subject to market risk, interest rate risk and credit risk. Securities backed by the U.S. Treasury or the full faith and credit of the U.S. government are guaranteed only as to the timely payment of interest and principal when held to maturity. Accordingly, the current market values for these securities will fluctuate with changes in interest rates and the credit rating of the U.S. government. Notwithstanding that these securities are backed by the full faith and credit of the U.S. government, circumstances could arise that would prevent or delay the payment of interest or principal on these securities, which could adversely affect their value and cause the fund to suffer losses. Such an event could lead to significant disruptions in U.S. and global markets.

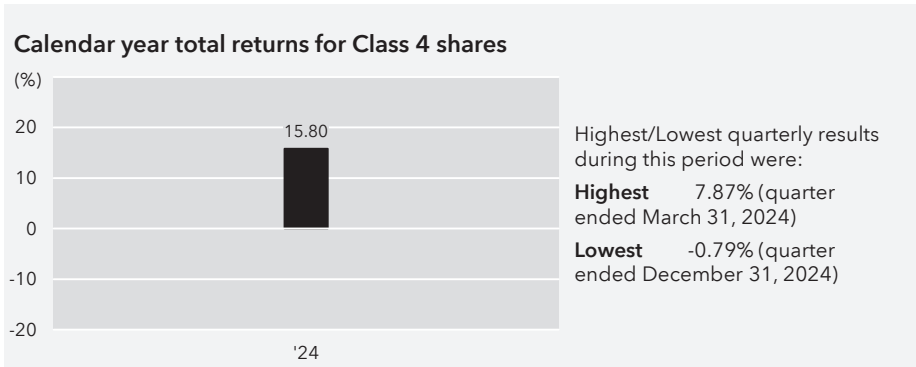
Securities issued by U.S. government-sponsored entities and federal agencies and instrumentalities that are not backed by the full faith and credit of the U.S. government are neither issued nor guaranteed by the U.S. government.

Interest rate risk – The values and liquidity of the securities held by the underlying fund may be affected by changing interest rates. For example, the values of these securities may decline when interest rates rise and increase when interest rates fall. Longer maturity debt securities generally have greater sensitivity to changes in interest rates and may be subject to greater price fluctuations than shorter maturity debt securities. The underlying fund may invest in variable and floating rate securities. When the underlying fund holds variable or floating rate securities, a decrease in market interest rates will adversely affect the income received from such securities and the net asset value of the fund's shares. Although the values of such securities are generally less sensitive to interest rate changes than those of other debt securities, the value of variable and floating rate securities may decline if their interest rates do not rise as quickly, or as much, as market interest rates. Conversely, floating rate securities will not generally increase in value if interest rates decline. During periods of extremely low short-term interest rates, the underlying fund may not be able to maintain a positive yield or total return and, in relatively low interest rate environments, there are heightened risks associated with rising interest rates.

Management – The investment adviser to the fund and to the underlying funds actively manages each underlying fund's investments. Consequently, the underlying funds are subject to the risk that the methods and analyses, including models, tools and data, employed by the investment adviser in this process may be flawed or incorrect and may not produce the desired results. This could cause an underlying fund to lose value or its investment results to lag relevant benchmarks or other funds with similar objectives.

Your investment in the fund is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency, entity or person. You should consider how this fund fits into your overall investment program.

Investment results The following bar chart shows the fund’s investment results of the Class 4 shares of the fund for its first full calendar year of operations, and the following table shows how the fund’s average annual total returns for various periods compare with a broad measure of securities market results and, if applicable, other measures of market results that reflect the fund’s investment universe. This information provides some indication of the risks of investing in the fund. Past investment results are not predictive of future investment results. Updated information on the fund’s investment results can be obtained by visiting capitalgroup.com/afis.



| Average annual total returns For the periods ended December 31, 2024: | 1 year | Lifetime |
|-----------------------------------------------------------------------|--------|----------|
| Fund (inception date – 5/1/2023) | 15.80% | 17.16% |
| S&P 500 Index | 25.02 | 24.77 |
| S&P Target Date 2050 Index | 14.30 | 15.40 |
| Bloomberg U.S. Aggregate Index | 1.25 | 2.47 |

Management

Investment adviser Capital Research and Management Company

Target Date Solutions Committee The investment adviser's Target Date Solutions Committee develops the allocation approach and selects the underlying funds in which the fund invests. The members of the Target Date Solutions Committee, who are jointly and primarily responsible for the portfolio management of the fund, are:

| Investment professional/ Series title (if applicable) | Investment professional experience in this fund | Primary title with investment adviser |
|----------------------------------------------------------|----------------------------------------------------|---------------------------------------------|
| Michelle J. Black | 2 years | Partner – Capital Solutions Group |
| David A. Hoag | 2 years | Partner – Capital Fixed Income Investors |
| Samir Mathur | 2 years | Partner – Capital Solutions Group |
| Raj Paramaguru | 1 year | Partner – Capital Solutions Group |
| Wesley K. Phoa | 2 years | Partner – Capital Solutions Group |
| William L. Robbins | 1 year | Partner – Capital International Investors |
| Jessica C. Spaly | 2 years | Partner – Capital Research Global Investors |
| Shannon Ward | 2 years | Partner – Capital Fixed Income Investors |

Purchase and sale of fund shares Shares of the fund are not sold directly to the general public. The fund is offered only as an underlying investment option for variable insurance contracts, and insurance company separate accounts and qualified feeder funds – and not the holders of variable insurance contracts – are the shareholders of the fund. Although the fund does not require a minimum amount for initial or subsequent purchases from insurance companies, your insurance company may impose investment minimums for your purchase of the fund.

You may sell (redeem) shares on any business day. You must sell (redeem) shares through your insurance company.

Tax information See your variable insurance contract prospectus for information regarding the federal income tax treatment of your variable insurance contract and related distributions.

Payments to broker-dealers and other financial intermediaries The fund is not sold directly to the general public but instead is offered as an underlying investment option for variable insurance contracts. The fund and its related companies may make payments to the sponsoring insurance company (or its affiliates) for distribution and/or other services. These payments may be a factor that the insurance company considers in including the fund as an underlying investment option in the variable insurance contract. The prospectus (or other offering document) for your variable insurance contract may contain additional information about these payments.