

American Funds Insurance Series®

Prospectus
Class 4 shares

May 1, 2022



Growth Fund

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The U.S. Securities and Exchange Commission has not approved or disapproved of these securities. Further, it has not determined that this prospectus is accurate or complete. Any representation to the contrary is a criminal offense.

Growth Fund

Investment objective The fund's investment objective is to provide growth of capital.

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

Principal risks

This section describes the principal risks associated with investing in the fund. 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. Investors in the fund should have a long-term perspective and be able to tolerate potentially sharp declines in value.

Market conditions – The prices of, and the income generated by, the common stocks and other securities held by the fund may decline – sometimes rapidly or unpredictably – due to various factors, including events or conditions affecting the general economy or particular industries; overall market changes; local, regional or global political, social or economic instability; governmental, governmental agency or central bank responses to economic conditions; 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) 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 fund invests in securities of issuers located in or with significant exposure to the countries affected, the value and liquidity of the fund's 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 fund 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 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.

Investing in growth-oriented stocks – Growth-oriented common stocks and other equity-type securities (such as preferred stocks, convertible preferred stocks and convertible bonds) may involve larger price swings and greater potential for loss than other types of investments. These risks may be even greater in the case of smaller capitalization stocks.

Investing outside the United States – Securities of issuers domiciled outside the United States, or with significant operations or revenues 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 operate or generate revenue. 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 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 accounting and auditing practices and standards and different regulatory, legal and reporting 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 the fund. The risks of investing outside the United States may be heightened in connection with investments in emerging markets.

Management – The investment adviser to the fund actively manages the fund's investments. Consequently, the fund is 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 the fund to lose value or its investment results to lag relevant benchmarks or other funds with similar objectives.

Investment results The following bar chart shows how the investment results of the Class 4 shares of the fund have varied from year to year, 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. This information provides some indication of the risks of investing in the fund. Past investment res

Investment objectives, strategies and risks

Growth Fund The fund's investment objective is to provide growth of capital. While it has no present intention to do so, the fund's board may change the fund's investment objective without shareholder approval upon 60 days' written notice to shareholders.

The fund invests primarily in common stocks and seeks to invest in companies that appear to offer superior opportunities for growth of capital. The fund may invest up to 25% of its assets in common stocks and other securities of issuers domiciled outside the United States, including, to a more limited extent, in emerging markets. Although the fund focuses on investments in medium to larger capitalization companies, the fund's investments are not limited to a particular capitalization size. The fund may also invest in other equity type securities, such as preferred stocks, convertible preferred stocks and convertible bonds.

The fund is designed for investors seeking capital appreciation through investments in stocks. Investors in the fund should have a long-term perspective and be able to tolerate potentially sharp declines in value.

The fund may also hold cash or cash equivalents, including commercial paper and short-term securities issued by the U.S. government, its agencies and instrumentalities. The percentage of the fund invested in such holdings varies and depends on various factors, including market conditions and purchases and redemptions of fund shares. The investment adviser may determine that it is appropriate to invest a substantial portion of the fund's assets in such instruments in response to certain circumstances, such as periods of market turmoil. For temporary defensive purposes, the fund may invest without limitation in such instruments. A larger percentage of such holdings could moderate a fund's investment results in a period of rising market prices. Alternatively, a larger percentage of such holdings could reduce the magnitude of a fund's loss in a period of falling market prices.

Management and organization

Investment adviser Capital Research and Management Company, an experienced investment management organization founded in 1931, serves as the investment adviser to the Series and other funds, including the American Funds. Capital Research and Management Company is a wholly owned subsidiary of The Capital Group Companies, Inc. and is located at 333 South Hope Street, Los Angeles, California 90071. Capital Research and Management Company manages the investment portfolios and business affairs of the Series. The total management fee paid by each fund to its investment adviser for the most recent fiscal year, including any amounts waived, in each

Portfolio manager for the Series/Title (if applicable)

Primary title with investment adviser (or affiliate) and investment experience

Portfolio manager's role in management of,

Portfolio manager for the Series/Title (if applicable)	Primary title with investment adviser (or affiliate) and investment experience	Portfolio manager's role in management of, and experience in, the fund(s)
Carlos A. Schonfeld	Partner – Capital International Investors Investment professional for 24 years in total; 23 years with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for: Growth-Income Fund – 8 years
Akira Shiraishi	Partner – Capital International Investors Investment professional for 25 years in total; 19 years with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for: New World Fund – 2 years
Kirstie Spence	Partner – Capital Fixed Income Investors Investment professional for 27 years, all with Capital Research and Management Company or affiliate	Serves as a fixed income portfolio manager for: New World Fund – 2 years (plus 9 years of prior experience as an investment analyst for the fund)
Eric H. Stern	Partner – Capital International Investors Investment professional for 33 years in total; 31 years with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for: Washington Mutual Investors Fund – 1 year
Andrew B. Suzman	Partner – Capital World Investors Investment professional for 29 years, all with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for: International Growth and Income Fund – Less than 1 year
Tomonori Tani	Partner – Capital World Investors Investment professional for 24 years in total; 18 years with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for: New World Fund – 4 years
Lisa Thompson	Partner – Capital International Investors Investment professional for 34 years in total; 28 years with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for: New World Fund – 2 years International Growth and Income Fund – Less than 1 year
Christopher Thomsen	Partner – Capital Research Global Investors Investment professional for 25 years, all with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for: International Fund – 16 years New World Fund – 2 years
Tara L. Torrens	Partner – Capital Fixed Income Investors Investment professional for 19 years, all with Capital Research and Management Company or affiliate	Serves as a fixed income portfolio manager for: American High-Income Trust – 4 years
Ritchie Tuazon	Partner – Capital Fixed Income Investors Investment professional for 22 years in total; 11 years with	Serves as a fii U.S. Government Securities Fund – 7 years
Bradley J. Vogt	Partner – Capital Research Global Investors Investment professional for 35 years, all with Capital Research and Management Company or affiliate	Serves as an equity portfolio manager for: Capital Income Builder – 2 years

Partner – Capital World Investors

Purchases and redemptions of shares Shares of the Series are currently offered only to insurance company separate accounts as well as so-called “feeder funds” under master-feeder arrangements sponsored by insurance companies as underlying investments for such insurance companies’ variable annuity contracts and variable life insurance policies. All such shares may be purchased or redeemed by the insurance company separate accounts (or feeder funds) at net asset value without any sales or redemption charges. These purchases and redemptions are made at the price next determined after such purchases and redemptions of units of the separate accounts (or feeder funds). The Series typically expects to remit redemption proceeds one business day following receipt and acceptance of a redemption order, regardless of the method the Series uses to make such payment (e.g., check, wire or automated clearing house transfer). However, payment may take longer than one business day and may take up to seven days as generally permitted by the Investment Company Act of 1940, as amended (the “1940 Act”). Under the 1940 Act, the Series may be permitted to pay redemption proceeds beyond seven days under certain limited circumstances.

Under normal conditions, the Series typically expects to meet shareholder redemptions by monitoring the Series’ portfolio and redemption activities and by regularly holding a reserve of highly liquid assets, such as cash or cash equivalents. The Series may use additional methods to meet shareholder redemptions, if they become necessary. These methods may include, but are not limited to, the sale of portfolio assets, the use of overdraft protection afforded by the Series’ custodian bank, borrowing from a line of credit and making payment with fund securities or other fund assets rather than in cash (as further discussed in the following paragraph).

Although payment of redemptions normally will be in cash, the Series may pay the redemption price wholly or partly with portfolio securities or other fund assets under conditions and circumstances determined by the Series’ board of trustees. On the same redemption date, some shareholders may be paid in whole or in part in securities (which may differ among those shareholders), while other shareholders may be paid entirely in cash. In general, in-kind redemptions to affiliated shareholders will as closely as practicable represent the affiliated shareholder’s pro rata share of the Series’ securities, subject to certain exceptions. Securities distributed in-kind to unaffiliated shareholders will be selected by the investment adviser in a manner the investment adviser deems to be fair and reasonable to the Series’ shareholders. The disposal of the securities received in-kind may be subject to brokerage costs and, until sold, such securities remain subject to market risk and liquidity risk, including the risk that such securities are or become difficult to sell. If the Series pays your redemption with illiquid or less liquid securities, you will bear the risk of not being able to sell such securities.

Frequent trading of fund shares The Series and American Funds Distributors, Inc., the Series’ distributor, reserve the right to reject any purchase order for any reason. The funds are not designed to serve as vehicles for frequent trading. Frequent trading of fund shares may lead to increased costs to the funds and less efficient management of the funds’ portfolios, potentially resulting in dilution of the value of the shares held by long-term shareholders. Accordingly, purchases, including those that are part of exchange activity, that the Series or American Funds Distributors has determined could involve actual or potential harm to a fund may be rejected.

The Series, through its transfer agent, American Funds Service Company, has agreements with the Series’ insurance relationships to maintain its surveillance procedures that are designed to detect frequent trading in fund shares. The agreements generally require the

Valuing shares The net asset value of each share class of a fund is the value of a single share of that class. The net asset value per share is calculated once daily as of the close of regular trading on the New York Stock Exchange, normally 4 p.m. New York time, each day the New York Stock Exchange is open. If the New York Stock Exchange makes a scheduled (e.g. the day after Thanksgiving) or an unscheduled close prior to 4 p.m. New York time, the net asset value of each fund will be determined at approximately the time the New York Stock Exchange closes on that day. If on such a day market quotations and prices from third-party pricing services are not based as of the time of the early close of the New York Stock Exchange but are as of a later time (up to approximately 4 p.m. New York time), the net asset value will be based on the later time.

Fund expenses In periods of market volatility, assets of the funds may decl

Financial highlights The Financial Highlights table is intended to help you understand a fund's results for the past five fiscal years. Certain information reflects financial results for a single share of a particular class. The total returns in the table represent the rate that an investor would have earned or lost on an investment in a fund (assuming reinvestment of all dividends and capital gain distributions). Where indicated, figures in the table reflect the impact, if any, of certain waivers from Capital Research and Management Company. For more information about these waivers, see the fund's statement of additional information and annual report. The information in the Financial Highlights table has been audited by PricewaterhouseCoopers LLP, whose current report, along with the fund's financial statements, is included in the statement of additional information, which is available upon request. Figures shown do not reflect insurance contract fees and expenses. If insurance contract fees and expenses were reflected, results would be lower.

		Income (loss) from investment operations ¹	Dividends and distributions	
	Net asset value, beginning of period	Net investment		
Period ended				

(Loss) income from
investment operations¹



	Income (loss) from investment operations ¹		
		Dividends and distributions	

Period ended	Net asset value, beginning of period	Income (loss) from investment operations ¹			Dividends and distributions			Net asset
		Net investment income	Net gains (losses) on securities (both realized and unrealized)	Total from investment operations	Dividends (from net investment income)	Distributions (from capital gains)	Total dividends and distributions	

(Loss) income from
investment operations¹

(Loss) income from
investment operations¹

Dividends and distributions

Other fund information Shares of the Series are currently offered to insurance company separate accounts funding both variable annuity contracts and variable life insurance policies. Interests of various contract owners participating in the Series may be in conflict. The board of trustees of the