

Allspring VT Discovery SMID Cap Growth Fund

Class 2

[Link to Prospectus](#)
[Link to SAI](#)

Before you invest, you may want to review the Fund's prospectus, which contains more information about the Fund and its risks. You can find the Fund's prospectus, reports to shareholders and other information about the Fund online at allspringglobal.com/reports. You can also get information at no cost by calling 1-800-222-8222, or by sending an email request to AllspringFundsShareholders@allspringglobal.com. The current prospectus ("Prospectus") and statement of additional information ("SAI"), dated May 1, 2025, as supplemented from time to time, are incorporated by reference into this summary prospectus. The Fund's SAI may be obtained, free of charge, in the same manner as the Prospectus.

Investment Objective

The Fund seeks long-term capital appreciation.

Fees and Expenses

These tables are intended to help you understand the various costs and expenses you will pay if you buy and hold shares of the Fund. These tables do not reflect any fees or other expenses imposed in connection with variable life insurance policies ("VLI Policies") or variable annuity contracts ("VA Contracts"). If they were reflected, the overall expenses would be higher than those shown.

Shareholder Fees (fees paid directly from your investment)

Maximum sales charge (load) imposed on purchases	None
Maximum deferred sales charge (load)	None

Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)¹

Management Fees	0.75%
Distribution (12b-1) Fees	0.25%
Other Expenses	0.15%
Total Annual Fund Operating Expenses	1.15%
Fee Waivers	(0.00)%
Total Annual Fund Operating Expenses After Fee Waivers²	1.15%

- Expenses have been adjusted as necessary from amounts incurred during the Fund's most recent fiscal year to reflect current fees and expenses.
- The Manager has contractually committed through April 30, 2026, to waive fees and/or reimburse expenses to the extent necessary to cap Total Annual Fund Operating Expenses After Fee Waivers at 1.15% for Class 2. Brokerage commissions, stamp duty fees, interest, taxes, acquired fund fees and expenses (if any), and extraordinary expenses are excluded from the expense cap. Prior to or after the commitment expiration date, the cap may be increased or the commitment to maintain the cap may be terminated only with the approval of the Board of Trustees. The Manager and/or its affiliates may also voluntarily waive all or a portion of any fees to which they are entitled and/or reimburse certain expenses as they may determine from time to time.

Example of Expenses

The example below is intended to help you compare the costs of investing in the Fund with the costs of investing in other funds. The example assumes a \$10,000 initial investment, 5% annual total return, and that fees and expenses remain the same as in the tables above. To the extent that the Manager is waiving fees or reimbursing expenses, the example assumes that such waiver or reimbursement will only be in place through the date noted above. The example does not reflect any fees or other expenses imposed in connection with VLI Policies or VA Contracts and the amounts

shown would be higher if such fees and expenses were included. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

After:	
1 Year	\$117
3 Years	\$365
5 Years	\$633
10 Years	\$1,398

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 and may result in higher taxes when Fund shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Fund’s performance. During the most recent fiscal year, the Fund’s portfolio turnover rate was 63% of the average value of its portfolio.

Principal Investment Strategies

Under normal circumstances, we invest:

- at least 80% of the Fund’s net assets in equity securities of small- and medium-capitalization companies; and
- up to 25% of the Fund’s total assets in equity securities of foreign issuers through ADRs and similar investments.

We invest in equity securities of small- and medium-capitalization companies that we believe offer favorable opportunities for growth. We define small- and medium capitalization companies as those with market capitalizations at the time of purchase equal to or lower than the company with the largest market capitalization in the Russell Midcap® Index, which was approximately \$198.61 billion as of March 31, 2025, and is expected to change frequently. We may also invest in equity securities of foreign issuers through ADRs and similar investments.

We seek to identify companies that have the prospect for robust sales and earnings growth rates, that enjoy a competitive advantage and that we believe have effective management with a history of making investments that are in the best interests of shareholders. Furthermore, we seek to identify companies that embrace innovation and foster disruption using technology to maximize efficiencies, gain pricing advantages, and take market share from competitors. We believe innovation found in companies on the “right side of change” are benefiting from technological, demographic, lifestyle and environmental trends, and are often mispriced in today’s public equity markets. This mispricing is a key inefficiency that the team seeks to exploit through intensive fundamental research. We pay particular attention to how management teams allocate capital in order to drive future cash flow; this includes the allocation of human capital, financial capital, and social capital. We believe successful allocation of such resources has a correlation with key indicators of future performance. Price objectives are determined based on industry-specific valuation methodologies, including relative price-to-earnings multiples, price-to-book value, operating profit margin trends, enterprise value to EBITDA (earnings before interest, taxes, depreciation and amortization) and free cash flow yield. Portfolio holdings are continuously monitored for changes in fundamentals. The team seeks a favorable risk/reward relationship to fair valuation, which we define as the value of the company (i.e., our price target for the stock) relative to where the stock is currently trading. We may invest in any sector, and at times the Fund may emphasize one or more particular sectors. We may choose to sell a holding when it no longer offers favorable growth prospects, reaches our target price, or to take advantage of a better investment opportunity.

Principal Investment Risks

An investment in the Fund may lose money, is not a deposit of a bank or its affiliates, is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency, and is primarily subject to the risks briefly summarized below.

Market Risk. The values of, and/or the income generated by, securities held by the Fund may decline due to general market conditions or other factors, including those directly involving the issuers of such securities. Securities markets are volatile and may decline significantly in response to adverse issuer, regulatory, political, or economic developments. Different sectors of the market and different security types may react differently to such developments.

Equity Securities Risk. The values of equity securities may experience periods of substantial price volatility and may decline significantly over short time periods. In general, the values of equity securities are more volatile than those of debt securities. Equity securities fluctuate in value and price in response to factors specific to the issuer of the security, such as management performance, financial condition, and market demand for the issuer’s products or services, as well as factors unrelated to the fundamental condition of the issuer, including general market, economic and political

conditions. Different parts of a market, industry and sector may react differently to adverse issuer, market, regulatory, political, and economic developments.

Smaller Company Securities Risk. Securities of companies with smaller market capitalizations tend to be more volatile and less liquid than those of larger companies.

Foreign Investment Risk. Foreign investments may be subject to lower liquidity, greater price volatility and risks related to adverse political, regulatory, market or economic developments. Foreign investments may involve exposure to changes in foreign currency exchange rates and may be subject to higher withholding and other taxes.

Growth/Value Investing Risk. Securities that exhibit growth or value characteristics tend to perform differently and shift into and out of favor with investors depending on changes in market and economic sentiment and conditions.

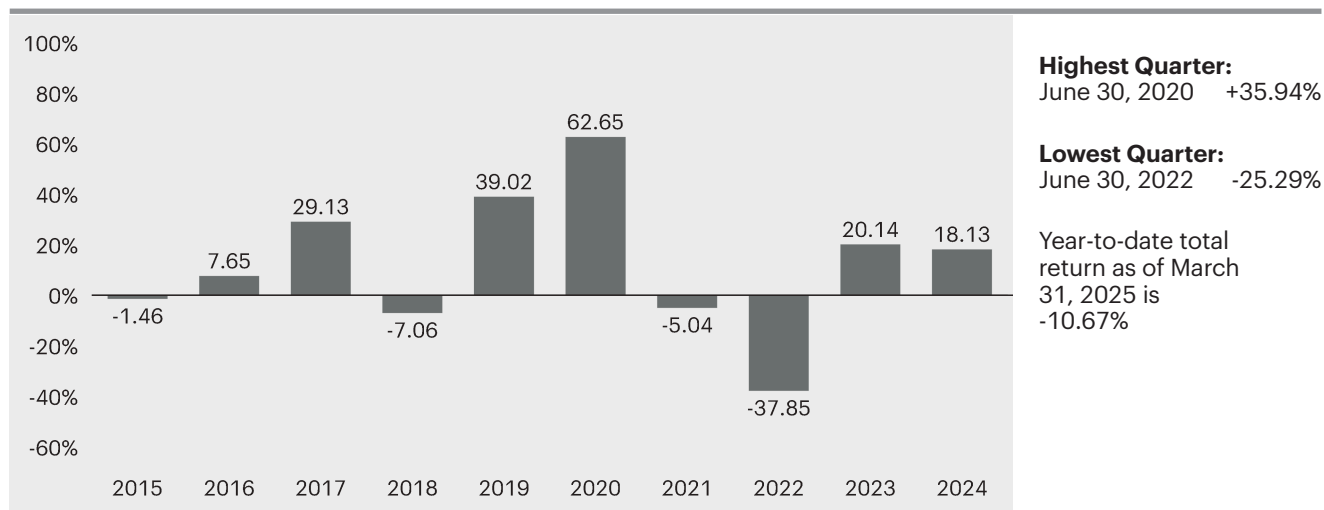
Management Risk. Investment decisions, techniques, analyses or models implemented by a Fund's manager or sub-adviser in seeking to achieve the Fund's investment objective may not produce expected returns, may cause the Fund's shares to lose value or may cause the Fund to underperform other funds with similar investment objectives.

Performance

The following information provides some indication of the risks of investing in the Fund by showing changes in the Fund's performance from year to year. The Fund's average annual total returns are compared to the performance of one or more indices. Past performance is no guarantee of future results. Current month-end performance is available on the Fund's website at allspringglobal.com.

The performance for the Fund does not reflect fees charged by VLI Policies or VA Contracts. If it did, returns would be lower.

Calendar Year Total Returns for Class 2 shares as of 12/31 each year



Average Annual Total Returns for the periods ended 12/31/2024

	Inception Date of Share Class	1 Year	5 Year	10 Year
Class 2	5/8/1992	18.13%	6.38%	9.20%
Russell 2500™ Growth Index (Strategy Benchmark) (reflects no deduction for fees, expenses, or taxes)		13.90%	8.08%	9.45%
Russell 3000® Index (Regulatory Benchmark) (reflects no deduction for fees, expenses, or taxes)		23.81%	13.86%	12.55%

Fund Management

Manager	Sub-Adviser	Portfolio Manager, Title/Managed Since
Allspring Funds Management, LLC	Allspring Global Investments, LLC	Robert Gruendyke, CFA , Portfolio Manager/2024 Michael T. Smith, CFA , Portfolio Manager/2011 Christopher J. Warner, CFA , Portfolio Manager/2012

Purchase and Sale of Fund Shares

Shares of Allspring Variable Trust ("AVT") are not offered directly to the general public. The Trust currently offers its Fund shares to separate accounts of various life insurance companies as funding vehicles for certain VA Contracts and VLI Policies issued through the separate accounts by such life insurance companies. Many of the separate accounts are registered as investment companies with the SEC. AVT has entered into an agreement with the life insurance company sponsor of each separate account setting forth the terms and conditions pursuant to which the insurer will purchase and redeem shares of the Fund. Please refer to your VA Contract or VLI Policy prospectus for more information regarding the purchase and sale of your Fund shares.

Tax Information

For federal income tax purposes, the Fund is treated as a separate entity. The Fund intends to qualify each year as a "regulated investment company" under the Internal Revenue Code. By so qualifying, the Fund expects to have little or no liability for federal income taxes by distributing substantially all of its net investment income and net realized capital gains to the separate accounts each year. Please refer to the VA Contract or VLI Policy prospectus for additional information on tax matters.

Payments to Insurance Companies

Fund shares are available only through separate accounts issued by various life insurance companies. The Fund and its related companies may make payments to such insurance companies or their affiliates for distribution and administrative services. These payments may create a conflict of interest by influencing the insurance company to recommend the Fund over another investment. Consult your insurance company for more information about these payments.

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