

VALIC Co II Large Cap Value

Available in Portfolio Director® Fixed and Variable Annuity

Prospectus Benchmark
Russell 1000 Value TR USD

Broad Benchmark
Russell 1000 Value TR USD

Morningstar Category
Large Value

Overall Morningstar Rating™
★★★

Out of 7,457 Large Value subaccounts. An investment's overall Morningstar Rating, based on its risk-adjusted return, is a weighted average of its applicable 3-, 5-, and 10-year Ratings. See disclosure page for details.

Morningstar Return
Above Average

Morningstar Risk
Above Average

Investment Information

Investment Objective & Strategy from investment's prospectus

The investment seeks to provide total returns that exceed over time the Russell 1000® Value Index ("index") through investment in equity securities.

The fund invests, under normal circumstances, at least 80% of net assets in a portfolio comprised of equity securities of large market capitalization companies traded in the U.S. that are deemed to be attractive by the portfolio management team. Generally, large-cap companies will include companies whose market capitalizations, at the time of purchase, are equal to or greater than the market capitalization of the smallest company in the Russell 1000® Index during the most recent 12-month period.

Fees and Expenses as of 01-01-21

Prospectus Net Expense Ratio 0.89%
Prospectus Gross Expense Ratio 0.89%

| Waiver Data | Type | Exp. Date | % |
|-------------|------|-----------|---|
| — | — | — | — |

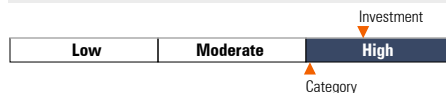
Operations and Management

| | |
|------------------------|--|
| Product Inception Date | 09-22-98 |
| Fund Inception Date | 09-22-98 |
| Advisor | The Variable Annuity Life Insurance Company |
| Subadvisor(s) | Mellon Investments Corporation Janus Capital Management LLC |

Portfolio Manager(s)

No manager information is available.

Volatility Analysis

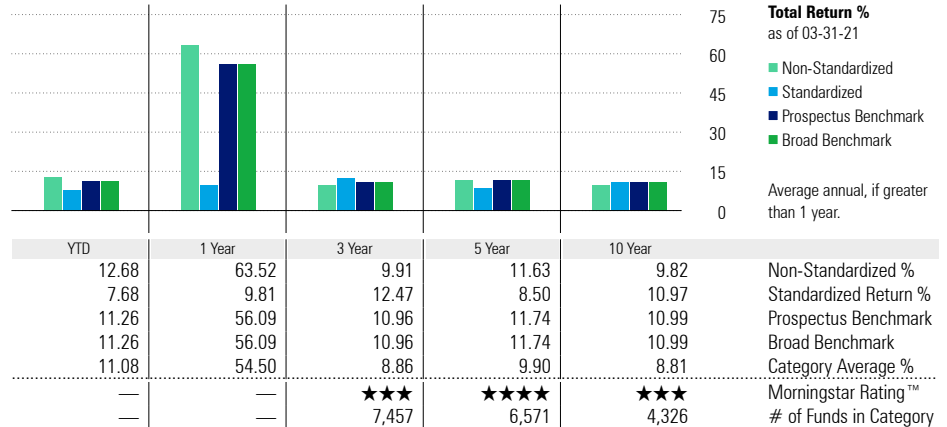


In the past, this investment has shown a wide range of price fluctuations relative to other investments. This investment may experience significant price increases in favorable markets or undergo large price declines in adverse markets. Some of this risk may be offset by owning other investments that follow different investment strategies.

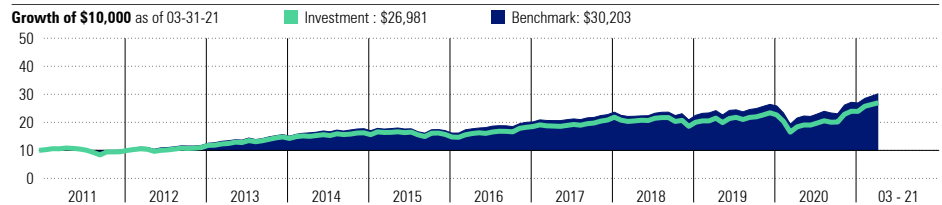
Principal Risks as of 02-28-21

Lending, Foreign Securities, Loss of Money, Not FDIC Insured, Value Investing, Market/Market Volatility, Equity Securities, Management, Large Cap
See disclosure page for more information on Risk Definitions. Please refer to the Risk Definitions document located at www.aig.com/RetirementServices.

Performance



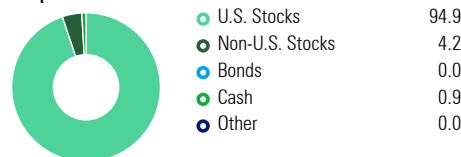
The performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate; thus an investor's units, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than return data quoted herein. Please visit www.aig.com/RetirementServices for more current information including month-end performance or contact your financial professional. Refer to the performance section of the disclosure page for more information.



This chart is hypothetical and for illustrative purposes only.

Portfolio Analysis

Composition as of 02-28-21



Top 10 Holdings as of 02-28-21

| Company | % Assets |
|--------------------------------|----------|
| JPMorgan Chase & Co | 3.32 |
| Berkshire Hathaway Inc Class B | 2.70 |
| Medtronic PLC | 2.60 |
| Alphabet Inc A | 2.33 |
| Chubb Ltd | 2.29 |
| Marathon Petroleum Corp | 2.06 |
| Goldman Sachs Group Inc | 1.94 |
| Morgan Stanley | 1.94 |
| Capital One Financial Corp | 1.73 |
| Eaton Corp PLC | 1.71 |
| Total Number of Stock Holdings | 130 |
| Total Number of Bond Holdings | 0 |
| Annual Turnover Ratio % | 82 |
| Total Fund Assets (\$mil) | — |

Morningstar Equity Style Box™ as of 02-28-21

| Style | % Mkt Cap |
|--------|-----------|
| Giant | 20.33 |
| Large | 44.06 |
| Medium | 32.81 |
| Small | 2.80 |
| Micro | 0.00 |

Morningstar Equity Sectors as of 02-28-21

| Sector | % Fund |
|------------------------|--------|
| Cyclical | 43.20 |
| Basic Materials | 6.59 |
| Consumer Cyclical | 4.84 |
| Financial Services | 29.42 |
| Real Estate | 2.35 |
| Sensitive | 32.35 |
| Communication Services | 4.12 |
| Energy | 6.52 |
| Industrials | 11.65 |
| Technology | 10.06 |
| Defensive | 24.45 |
| Consumer Defensive | 3.42 |
| Healthcare | 14.47 |
| Utilities | 6.56 |

Disclosure

Variable annuities are long-term, tax deferred vehicles that offer investment options through subaccounts and insurance features such as annuitization and death benefit options. Investors should consider the investment objectives, risks, charges and expenses of each underlying mutual fund carefully before investing. Both the contract prospectus and underlying mutual fund prospectus contain this and other information. The contract prospectus and underlying fund prospectus should be read carefully before investing. To request a prospectus, talk with your financial professional, visit www.aig.com/RetirementServices, or call 1-800-428-2542. Policy Form Series UIT-194, UITG-194, UITG-194P, and V-806.

Morningstar Category Definition

Morningstar Category is assigned by placing funds into peer groups based on their underlying holdings. The underlying securities in each portfolio are the primary factor in our analysis as the investment objective and investment strategy stated in a fund's prospectus may not be sufficiently detailed for our proprietary calculation methodology. Funds are placed in a category based on their portfolio statistics and compositions over the past three years. Analysis of performance and other indicative facts are also considered. If the fund is new and has no portfolio history, Morningstar estimates where it will fall before giving it a permanent category assignment. Categories may be changed based on recent changes to the portfolio.

Morningstar Category

Large-value portfolios invest primarily in big U.S. companies that are less expensive or growing more slowly than other large-cap stocks. Stocks in the top 70% of the capitalization of the U.S. equity market are defined as large cap. Value is defined based on low valuations (low price ratios and high dividend yields) and slow growth (low growth rates for earnings, sales, book value, and cash flow).

Benchmark: Russell 1000 Value TR USD

The index measures the performance of the large-cap value segment of the US equity securities. It includes the Russell 1000 index companies with lower price-to-book ratios and lower expected growth values. It is market-capitalization weighted. Russell Investment Group is the source and owner of the trademarks, service marks and copyrights related to the Russell Indexes. Russell® is a trademark of Russell Investment Group.

Average Annual Return %

Non-Standardized Return reflects performance without adjusting for sales charges or the effects of taxation, but is adjusted to reflect all actual ongoing fund expenses and assumes reinvestment of dividends and capital gains. If adjusted, sales charges would reduce the performance quoted.

Standardized Return is total return adjusted for maximum sales charges. The sales charge includes the maximum surrender charge for the representative insured described in the policy prospectus.

The fund's performance is compared with that of an index. The index is an unmanaged portfolio of specified securities, has no identifiable objectives, cannot be purchased, and does not reflect any initial or ongoing expenses. A fund's portfolio may differ significantly from the securities in the index.

Growth of \$10,000 Graph

The Growth of \$10,000 graph shows a fund's performance based on how \$10,000 invested in the fund could have performed over time. The returns used in the graph are not load-adjusted. The growth of \$10,000 begins at the date of the fund's inception, or the first year listed on the graph, whichever is appropriate. Located alongside the fund's graph line is a line that represents the growth of \$10,000 in an index. The inclusion of the index allows investors to compare the performance of the fund with the performance of a benchmark index.

Fund Fees and Expenses

This is the percentage of fund assets paid for operating expenses and management fees. The expense ratio typically includes the following types of fees: accounting, administrator, advisor, auditor, board of directors, custodial, distribution (payment of 12b-1), legal, organizational, professional, registration, shareholder reporting, sub-advisor, and transfer agency. The expense ratio does not reflect the fund's brokerage costs or any investor sales charges. In contrast to the net expense ratio, the Annual Fund Operating Expense Ratio does not reflect any fee waivers in effect during the time period. Also known as the Gross Expense Ratio, Morningstar pulls the Gross Expense Ratio from the fund's most recent prospectus. Prospectus expense ratios reflect material changes to the expense structure for the current period.

Waiver Data

Pursuant to an expense limitation agreement, the fund's management will waive fees or reimburse expenses as shown in the Waiver Data section. The expense waivers or reimbursements are contractual or voluntary, listed in the Type column. If contractual, the waiver will continue to the date listed in the Exp. Date column. The expense limitations are subject to change by the Boards of Trustees/Directors of the funds.

Morningstar Rating™

The Morningstar Rating™ for funds, or "star rating", is calculated for managed products (including mutual funds, variable annuity and variable life subaccounts, exchange-traded funds, closed-end funds, and separate accounts) with at least a three-year history. Exchange-traded funds and open-ended mutual funds are considered a single population for comparative purposes. It is calculated based on a Morningstar Risk-Adjusted Return measure that accounts for variation in a managed product's monthly excess performance, placing more emphasis on downward variations and rewarding consistent performance. The Morningstar Rating does not include any adjustment for sales loads. The top 10% of products in each product category receive 5 stars, the next 22.5% receive 4 stars, the next 35% receive 3 stars, the next 22.5% receive 2 stars, and the bottom 10% receive 1 star. The Overall Morningstar Rating for a managed product is derived from a weighted average of the performance figures associated with its three-, five-, and 10-year (if applicable) Morningstar Rating metrics. The weights are: 100% three-year rating for 36-59 months of total returns, 60% five-year rating/40% three-year rating for 60-119 months of total returns, and 50% 10-year rating/30% five-year rating/20% three-year rating for 120 or more months of total returns. While the 10-year overall star rating formula seems to give the most weight to the 10-year period, the most recent three-year period actually has the greatest impact

because it is included in all three rating periods.

Morningstar Return

The Morningstar Return rates a fund's performance relative to other managed products in its Morningstar Category. It is an assessment of a product's excess return over a risk-free rate (the return of the 90-day Treasury Bill) in comparison with the products in its Morningstar category. In each Morningstar category, the top 10% of products earn a High Morningstar Return (High), the next 22.5% Above Average (+Avg), the middle 35% Average (Avg), the next 22.5% Below Average (-Avg), and the bottom 10% Low (Low). Morningstar Return is measured for up to three time periods (three, five, and 10 years). These separate measures are then weighted and averaged to produce an overall measure for the product. Products with less than three years of performance history are not rated.

Morningstar Risk

Morningstar Risk evaluates a fund's downside volatility relative to that of other products in its Morningstar Category. It is an assessment of the variations in monthly returns, with an emphasis on downside variations, in comparison with the products in its Morningstar category. In each Morningstar category, the 10% of products with the lowest measured risk are described as Low Risk (Low), the next 22.5% Below Average (-Avg), the middle 35% Average (Avg), the next 22.5% Above Average (+Avg), and the top 10% High (High). Morningstar Risk is measured for up to three time periods (three, five, and 10 years). These separate measures are then weighted and averaged to produce an overall measure for the product. Products with less than three years of performance history are not rated.

Morningstar Style Box™

The most recent Morningstar Style Box™ reveals a fund's investment style as of the date noted on this report. For equity funds the vertical axis shows the market capitalization of the long stocks owned and the horizontal axis shows investment style (value, blend, or growth). For fixed-income funds, the vertical axis shows the credit quality of the long bonds owned and the horizontal axis shows interest rate sensitivity as measured by a bond's effective duration. Morningstar seeks credit rating information from fund companies on a periodic basis (e.g., quarterly). In compiling credit rating information Morningstar accepts credit ratings reported by fund companies that have been issued by all Nationally Recognized Statistical Rating Organizations (NRSROs). For a list of all NRSROs, please visit <http://www.sec.gov/divisions/marketreg/ratingagency.htm>.

Additionally, Morningstar accepts foreign credit ratings from widely recognized or registered rating agencies. If two rating organizations/agencies have rated a security, fund companies are to report the lower rating; if three or more organizations/agencies have rated a security, fund companies are to report the median rating, and in cases where there are more than two organization/agency ratings and a median rating does not exist, fund companies are to use the lower of the two middle ratings. PLEASE NOTE: Morningstar, Inc. is not itself an NRSRO nor does it issue a credit rating on the fund. An NRSRO or rating agency ratings can change from time-to-time.

For credit quality, Morningstar combines the credit rating information provided by the fund companies with an average default rate calculation to come up with a weighted-average

Disclosure

credit quality. The weighted-average credit quality is currently a letter that roughly corresponds to the scale used by a leading NRSRO. Bond funds are assigned a style box placement of "low", "medium", or "high" based on their average credit quality. Funds with a low credit quality are those whose weighted-average credit quality is determined to be less than "BBB-"; medium are those less than "AA-", but greater or equal to "BBB-"; and high are those with a weighted-average credit quality of "AA-" or higher. When classifying a bond portfolio, Morningstar first maps the NRSRO credit ratings of the underlying holdings to their respective default rates (as determined by Morningstar's analysis of actual historical default rates). Morningstar then averages these default rates to determine the average default rate for the entire bond fund. Finally, Morningstar maps this average default rate to its corresponding credit rating along a convex curve.

For interest-rate sensitivity, Morningstar obtains from fund companies the average effective duration. Generally, Morningstar classifies a fixed-income fund's interest-rate sensitivity based on the effective duration of the Morningstar Core Bond Index (MCBI), which is currently three years. The classification of Limited will be assigned to those funds whose average effective duration is between 25% to 75% of MCBI's average effective duration; funds whose average effective duration is between 75% to 125% of the MCBI will be classified as Moderate; and those that are at 125% or greater of the average effective duration of the MCBI will be classified as Extensive.

For municipal bond funds, Morningstar also obtains from fund companies the average effective duration. In these cases static breakpoints are utilized. These breakpoints are as follows: (i) Limited: 4.5 years or less; (ii) Moderate: more than 4.5 years but less than 7 years; and (iii) Extensive: more than 7 years. In addition, for non-US taxable and non-US domiciled fixed income funds static duration breakpoints are used: (i) Limited: less than or equal to 3.5 years; (ii) Moderate: greater than 3.5 and less than equal to 6 years; (iii) Extensive: greater than 6 years.

Principal Risks

The specific risks associated with investing in this fund. Please see the Risk Definitions document, located at https://www.valic.com/content/dam/valic/america-canada/us-corporate/documents/pdfs/principal_risks_definitions_english.pdf, for more information on each type of risk.

Average Annual Returns

The data in the Standard Average Annual Return column are based upon the date the fund was included in the Separate Account. Returns for periods prior to the date the funds became available in the Separate Account are hypothetical and are derived from the performance of the underlying fund, adjusted to reflect fees, expenses, and surrender charges if applicable, of Portfolio Director as if the fund had been in the Separate Account during the stated period. If applicable, returns reflect deduction of all fees and charges, including surrender charges (a maximum of 5%) and account maintenance fees, but not premium taxes or IncomeLock fees. Partial or full surrenders may be subject to a charge of the lesser of either 5% of the sum of the contributions received during the prior 60 months or 5% of the amount withdrawn. A Standard Net Separate Account charge is deducted from all variable investment options. The charge is

calculated each day and is based on the average daily net asset value of each option at the Separate Account level. The charge is annualized at 0.15% to 1.25%, depending on the variable option and contract. There may be a quarterly account maintenance fee of \$3.75 for investments in the variable options, depending on the contract.

Returns in the Non-Standard Average Annual Return column reflect overall change in accumulation unit value from the beginning to the end of the periods shown, after deduction of fund expenses. Figures do not reflect deduction of account maintenance fees, surrender charges, IncomeLock fees or premium taxes.

For Standard and Non-Standard Average Annual Returns: Returns for periods prior to the date the funds became available in the Separate Account are hypothetical and are calculated as if the fund had been in the Separate Account during the stated period.

Additional Information

Retirement plans and accounts such as 403(b)s, IRAs, 401(k)s, etc., can be tax deferred regardless of whether or not they are funded with an annuity. Investment in an annuity within a plan does not provide additional tax-deferred treatment of earnings. However, annuities do provide other features and benefits.

Annuities are long-term retirement savings vehicles. Withdrawals may reduce benefits and/or contract value; and may be subject to withdrawal or surrender charges, federal and/or state income taxes. A 10% federal early withdrawal tax penalty may apply if taken before age 59½.

Annuity contracts typically include limitations, surrender charges, exclusions and expense charges.

Fees and expenses are only one of several factors that participants and beneficiaries should consider when making investment decisions. The cumulative effect of fees and expenses can substantially reduce the growth of a participant's or beneficiary's retirement account; visit the Employee Benefit Security Administration's website http://www.dol.gov/ebsa/publications/401k_employee.html for an example demonstrating the long-term effect of fees and expenses.

Top Holdings

Top Holdings and Top Sector Allocation illustrate composition as of the stated period and may not be representative of the fund's current or future investments.

Standard Net Separate Account Charge

Reflects VALIC's voluntary reduction of the separate account charge on certain subaccounts based on the 12b-1 fees and non-12b-1 service fees that VALIC (and its affiliates) receive in connection with services that are provided to or on behalf of certain underlying funds. Currently, the subaccounts with a reduced separate account charge include the subaccounts investing in the following underlying funds: American Beacon Bridgeway Large Cap Growth Fund, Ariel Fund, Ariel Appreciation Fund, Invesco Balanced-Risk Commodity Strategy Fund, the T. Rowe Retirement Advisor Fund series, the VALIC Company II funds, Vanguard Long-Term Investment-Grade Fund and Vanguard Long-Term Treasury Fund. Please see your variable annuity product prospectus for detailed information. These underlying funds may not be available if

you are in an employer-sponsored plan and your employer has chosen to limit options available to you.

Advisor Disclosure

Securities and investment advisory services offered through VALIC Financial Advisors, Inc. (VFA), member FINRA, SIPC and an SEC-registered investment adviser. Annuities issued by The Variable Annuity Life Insurance Company (VALIC), Houston, TX. Variable annuities distributed by its affiliate, AIG Capital Services, Inc. (ACS), member FINRA. All companies are members of American International Group, Inc. (AIG).

Product availability and features may vary by state. Variable annuity products and their guarantees, including optional benefits and any crediting rates, are backed by the financial strength and claims-paying ability of VALIC, but they do not protect the value of the underlying mutual funds. Look to the strength of VALIC with regard to such guarantees as these guarantees are not backed by the broker-dealer, insurance agency or their affiliates from which products are purchased.

This report has been prepared by Morningstar, Inc. for AIG member companies VALIC and/or VFA.