

Carillon Scout Mid Cap Fund

SUMMARY PROSPECTUS | 3.1. 2021

| Class A CSMEX | Class C CSMFX | Class I UMBMX | Class Y CSMZX | Class R-3 CSMRX | Class R-5 CSMSX | Class R-6 CSMUX |
|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|
|---------------|---------------|---------------|---------------|-----------------|-----------------|-----------------|

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, Statement of Additional Information ("SAI"), shareholder reports and other information about the fund online at <http://www.carillontower.com/prospectus.htm>. You can also get this information at no cost by calling 800.421.4184 or by sending an email to CarillonFundServices@carillontower.com. The fund's Prospectus and SAI, both dated March 1, 2021 as each may be supplemented from time to time, are incorporated by reference into this Summary Prospectus.

As of January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the funds' shareholder reports are no longer sent by mail, unless you specifically request paper copies of the reports from a fund or from your financial intermediary, such as a broker-dealer or bank. Instead, the reports are made available on a website, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from a fund or your financial intermediary electronically by going to carillontower.com/eDelivery.

You may elect to receive all future reports in paper free of charge. You can inform a fund that you wish to continue receiving paper copies of your shareholder reports by calling 800.421.4184, or you may directly inform your financial intermediary of your wish. A notice that will be mailed to you each time a report is posted will also include instructions for informing a fund that you wish to continue receiving paper copies of your shareholder reports. Your election to receive reports in paper from a fund will apply to all funds held with the Carillon Mutual Funds or your financial intermediary, as applicable.

Investment objective | The Carillon Scout Mid Cap Fund ("Mid Cap Fund" or the "fund") seeks long-term growth of capital.

Fees and expenses of the fund | The tables that follow describe the fees and expenses that you may pay if you buy, hold, and sell shares of the Mid Cap Fund. **You may pay other fees, such as brokerage commissions and other fees to financial intermediaries, which are not reflected in the tables and examples below.** You may qualify for sales discounts if you and your family invest, or agree to invest in the future, at least \$25,000 in the Class A shares of the Carillon Family of Funds. More information about these and other discounts, including through specific financial intermediaries, is available from your financial professional, on page 97 of the fund's Prospectus and on page 52 of the fund's Statement of Additional Information. Although the fund does not impose any sales charge on Class I shares, you may pay a commission to your broker on your purchases and sales of those shares, which is not reflected in the tables or Example below.

Shareholder fees (fees paid directly from your investment):

| | Class A | Class C | Class I | Class Y | Class R-3 | Class R-5 | Class R-6 |
|--|----------|-----------|---------|---------|-----------|-----------|-----------|
| Maximum Sales Charge Imposed on Purchases (as a % of offering price) | 4.75% | None | None | None | None | None | None |
| Maximum Deferred Sales Charge (as a % of original purchase price or redemption proceeds, whichever is lower) | None (a) | 1.00% (a) | None | None | None | None | None |
| Redemption Fee | None | None | None | None | None | None | None |

Annual fund operating expenses (expenses that you pay each year as a percentage of the value of your investment):

| | Class A | Class C | Class I | Class Y | Class R-3 | Class R-5 | Class R-6 |
|---------------------------------------|---------|---------|---------|---------|-----------|-----------|-----------|
| Management Fees | 0.74% | 0.74% | 0.74% | 0.74% | 0.74% | 0.74% | 0.74% |
| Distribution and Service (12b-1) Fees | 0.25% | 1.00% | 0.00% | 0.25% | 0.50% | 0.00% | 0.00% |
| Other Expenses | 0.23% | 0.26% | 0.23% | 0.29% | 0.30% | 0.23% | 0.14% |
| Total Annual Fund Operating Expenses | 1.22% | 2.00% | 0.97% | 1.28% | 1.54% | 0.97% | 0.88% |

(a) If you purchased \$1,000,000 or more of Class A shares of a Carillon mutual fund that were not otherwise eligible for a sales charge waiver and sell the shares within 18 months from the date of purchase, you may pay up to a 1% contingent deferred sales charge at the time of sale. If you sell Class C shares less than one year after purchase, you will pay a 1% CDSC at the time of sale.

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Expense example | This example is intended to help you compare the cost of investing in 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 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. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

| Share Class | Year 1 | Year 3 | Year 5 | Year 10 |
|-------------|--------|--------|---------|---------|
| Class A | \$593 | \$844 | \$1,113 | \$1,882 |
| Class C | \$303 | \$627 | \$1,078 | \$2,327 |
| Class I | \$99 | \$309 | \$536 | \$1,190 |
| Class Y | \$130 | \$406 | \$702 | \$1,545 |
| Class R-3 | \$157 | \$486 | \$839 | \$1,834 |
| Class R-5 | \$99 | \$309 | \$536 | \$1,190 |
| Class R-6 | \$90 | \$281 | \$488 | \$1,084 |

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 109% of the average value of its portfolio.

Principal investment strategies | The fund pursues its objective by investing primarily in common stocks of mid cap companies. Under normal circumstances, at least 80% of the fund's net assets will be invested in mid cap equity securities. The fund's portfolio managers consider mid-capitalization companies to be those companies that, at the time of initial purchase, have market capitalizations greater than \$1 billion and equal to or less than the largest company in the Russell Midcap[®] Index during the most recent 12-month period (approximately \$80.6 billion during the 12-month period ended December 31, 2020). The fund normally maintains a portfolio of investments diversified across companies and economic sectors.

The equity securities in which the fund invests include common stocks, depositary receipts, preferred stocks, convertible securities, warrants and other rights, and real estate investment trusts ("REITs"). The portfolio management team seeks to invest in the securities of companies that are expected to benefit from macroeconomic or company-specific factors, and that are attractively priced relative to their fundamentals. In making investment decisions, the portfolio management team may consider fundamental factors such as cash flow, financial strength, profitability, statistical valuation measures, potential or actual catalysts that could move the share price, accounting practices, management quality, risk factors such as litigation, the estimated fair value of the company, general economic and industry conditions, and additional information as appropriate. The fund may engage in frequent and active trading.

The fund will invest primarily in securities of U.S. companies, but may invest up to 20% of the portfolio in foreign companies, including those located in developing countries or emerging markets; American Depositary Receipts ("ADRs") or Global Depositary Receipts ("GDRs") (collectively, "depositary receipts"). At times, the fund may hold securities of small capitalization companies.

The fund intends to hold some cash, short-term debt obligations, government securities or other high-quality investments for reserves to cover redemptions and unanticipated expenses. There may be times, however, when the fund attempts to respond to adverse market, economic, political or other conditions by investing a higher percentage of its assets in cash or in those types of money market investments for temporary defensive purposes. During those times, the fund may not be able to pursue its investment objective or follow its principal investment strategies and, instead, will focus on preserving your investment.

The fund may lend its securities to broker-dealers and other financial institutions to earn additional income.

Principal risks | The greatest risk of investing in the fund is that you could lose money. The fund invests primarily in common stocks whose values may increase and decrease in response to the activities of the companies that issued such stocks, general market conditions and/or economic conditions. As a result, the fund's net asset value ("NAV") may also increase and decrease. An investment in the fund is not a deposit with a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Investments in the fund are subject to the following primary risks. The most significant risks of investing in the fund as of the date of this Prospectus are listed first below, followed by the remaining risks in alphabetical order. Each risk summarized below is considered a "principal risk" of investing in the fund, regardless of the order in which it appears. Different risks may be more significant at different times depending on market conditions or other factors.

- Equity securities are subject to market risk. The fund may invest in the following equity securities, which may expose the fund to the following additional risks:

Common stocks. The value of a company's common stock may fall as a result of factors affecting the company, companies in the same industry or sector, or the financial markets overall. Common stock generally is subordinate to preferred stock upon the liquidation or bankruptcy of the issuing company;

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Preferred stock. Preferred stocks are subject to issuer-specific risks and are sensitive to movements in interest rates. Preferred stocks may be less liquid than common stocks and, unlike common stocks, participation in the growth of an issuer may be limited. Distributions on preferred stocks generally are payable at the discretion of an issuer and after required payments to bond holders. Preferred stocks may also be subject to credit risk, which is the risk that an issuer may be unable or unwilling to meet its financial obligations;

Convertible securities. Convertible securities are subject to the risk that the credit standing of the issuer may have an effect on the convertible securities' investment value. Convertible securities also are sensitive to movements in interest rates. Generally, a convertible security is subject to the market risks of stocks when the price of the underlying stock is high relative to the conversion price, and is subject to the market risks of debt securities when the underlying stock's price is low relative to the conversion price;

Depository receipts. Investing in depository receipts entails many of the same risks as direct investment in foreign securities, including, but not limited to, currency exchange rate fluctuations, political and financial instability in the home country of a particular depository receipt, less liquidity and more volatility;

REITs. Investments in REITs are subject to the risks associated with investing in the real estate industry, such as adverse developments affecting the real estate industry and real property values, and are dependent upon the skills of their managers. REITs typically incur fees that are separate from those incurred by the fund, meaning the fund, as a shareholder, will indirectly bear a proportionate share of a REIT's operating expenses;

Rights and warrants. Rights and warrants do not carry dividend or voting rights with respect to the underlying securities or any rights in the assets of the issuer, and a right or a warrant ceases to have value if it is not exercised prior to its expiration date;

- Mid-cap company risk arises because mid-cap companies may have narrower commercial markets, limited managerial and financial resources, more volatile performance, and less liquid stock, compared to larger, more established companies;
- Market risk is the risk that markets may at times be volatile, and the values of the fund's holdings may decline, sometimes significantly and/or rapidly, because of adverse issuer-specific conditions or general market conditions, including a broad stock market decline, which are not specifically related to a particular issuer. These conditions may include real or perceived adverse political, regulatory, market, economic or other developments, such as natural disasters, public health crises, pandemics, changes in federal, state or foreign government policies, regional or global economic instability (including terrorism and geopolitical risks) and interest and currency rate fluctuations. These and other conditions may cause broad changes in market value, the general outlook for corporate earnings, public perceptions concerning these developments or adverse investment sentiment generally. Changes in the financial condition of a single issuer, industry or market segment also can impact the market as a whole. In addition, adverse market events may lead to increased redemptions, which could cause the fund to experience a loss when selling securities to meet redemption requests by shareholders. Adverse market conditions may be prolonged and may not have the same impact on all types of securities. Conversely, it is also possible that, during a general downturn in the securities markets, multiple asset classes may decline in value simultaneously. Changes in value may be temporary or may last for extended periods. The financial markets generally move in cycles, with periods of rising prices followed by periods of declining prices. The value of your investment may reflect these fluctuations.

Recent market events risk includes risks arising from current and recent circumstances impacting markets. The impact of the COVID-19 pandemic has been rapidly evolving, and it has resulted, and may continue to result, in significant disruptions to business operations, travel restrictions, closed international borders, enhanced health screenings at ports of entry and elsewhere, disruptions of and delays in healthcare service preparation and delivery, prolonged quarantines and stay-at-home orders, cancellations, supply chain disruptions, widespread business closures and layoffs, service and event cancellations, reductions and other changes, and lower consumer demand, as well as general concern and uncertainty that has negatively affected the global economy. The Board of Governors of the Federal Reserve System (also known as "the Fed") has taken and may continue to take numerous measures to address the economic impact of the COVID-19 pandemic, such as the reduction of the federal funds target rate and the introduction of several credit and liquidity facilities, and the U.S. federal government has taken and may continue to take steps to stimulate the U.S. economy, including adopting stimulus packages targeted at large parts of the economy. The effect of these and other efforts may not be known for some time, and it is not known whether and to what extent they will be successful.

Decisions by the Fed regarding interest rate and monetary policy continue to have a significant impact on securities prices as well as the overall strength of the U.S. economy. Future legislative, regulatory and policy changes may impact current international trade deals, result in changes to prudential regulation of certain players in the financial market, and provide significant new investments in infrastructure, the environment, or other areas. A rise in protectionist trade policies, slowing global economic growth, risks associated with ongoing trade negotiations with China, risks associated with the United Kingdom's departure from the European Union on December 31, 2020, and a trade agreement between the United Kingdom and the European Union, and the possibility of changes to some international trade agreements, could affect the economies of many nations, including the United States, in ways that cannot necessarily be foreseen at the present time. Interest rates have been unusually low in recent years in the U.S. and abroad and are currently at historic lows. Economists and others have expressed increasing concern about the potential effects of global climate change on property and security values. Regulatory changes and divestment movements tied to concerns about climate change could adversely affect the value of certain land and the viability of industries whose activities or products are seen as accelerating climate change;

- Currency risk is the risk related to the fund's exposure to foreign currencies through its investments. Foreign currencies may fluctuate significantly over short periods of time, may be affected unpredictably by intervention, or the failure to intervene, of the U.S. or foreign governments or central banks, and may be affected by currency controls or political developments in the U.S. or abroad. Foreign currencies may also decline in value relative to the U.S. dollar and other currencies and thereby affect the fund's investments;

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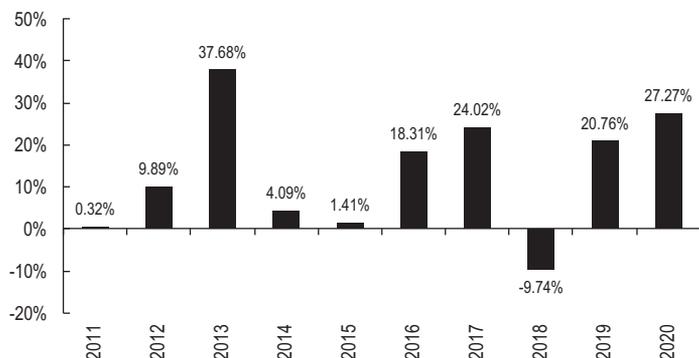
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- Emerging markets are generally smaller, less developed, less liquid and more volatile than the securities markets of the U.S. and other foreign developed markets. There are also risks of: greater political uncertainties; an economy's dependence on revenues from particular commodities or on international aid or development assistance; currency transfer restrictions; a limited number of potential buyers for such securities; delays and disruptions in securities settlement procedures; less stringent, or a lack of, accounting, auditing, financial reporting and recordkeeping requirements or standards; and significant limitations on investor rights and recourse. The governments of emerging market countries may also be more unstable. There may be less publicly available information about issuers in emerging markets. When investing in emerging markets, the risks of investing in foreign securities are heightened;
- Foreign securities risks, which are potential risks not associated with U.S. investments, include, but are not limited to: (1) currency exchange rate fluctuations; (2) political and financial instability; (3) less liquidity; (4) lack of uniform accounting, auditing and financial reporting standards; (5) increased volatility; (6) less government regulation and supervision of foreign stock exchanges, brokers and listed companies; (7) significant limitations on investor rights and recourse; (8) use of unfamiliar corporate organizational structures; (9) unavailable or unreliable public information regarding issuers; and (10) delays in transaction settlement in some foreign markets. The unavailability and/or unreliability of public information available may impede the fund's ability to accurately evaluate foreign securities. Moreover, it may be difficult to enforce contractual obligations or invoke judicial or arbitration processes against non-U.S. companies and non-U.S. persons in foreign jurisdictions. The risks associated with investments in governmental or quasi-governmental entities of a foreign country are heightened by the potential for unexpected governmental change and inadequate government oversight. Foreign security risk may also apply to ADRs and GDRs;
- Growth stock risk is the risk of a growth company not providing an expected earnings increase or dividend yield. When these expectations are not met, the prices of these stocks may decline, even if earnings showed an absolute increase. If a growth investment style shifts out of favor based on market conditions and investor sentiment, the fund could underperform funds that use a value or other non-growth approach to investing or have a broader investment style;
- Market timing risk arises because certain types of securities in which the fund invests, including small-cap and foreign securities, could cause the fund to be at greater risk of market timing activities by fund shareholders. Such activities can dilute the fund's NAV, increase the fund's expenses and interfere with the fund's ability to execute efficient investment strategies;
- Portfolio turnover risk is the risk that performance may be adversely affected by the high rate of portfolio turnover that can be caused by the fund engaging in active and frequent trading, which generally leads to greater transaction costs;
- Securities lending risk is the risk that, if the fund lends its portfolio securities and receives collateral in the form of cash that is reinvested in securities, those securities may not perform sufficiently to cover the return collateral payments owed to borrowers. In addition, delays may occur in the recovery of securities from borrowers, which could interfere with the fund's ability to vote proxies or to settle transactions and there may be a loss of rights in the collateral should the borrower fail financially;
- Small-cap company risk arises because small-cap companies may have less liquid stock, a more volatile share price, a limited product or service base, narrower commercial markets and limited access to capital, compared to larger, more established companies; and
- Value stock risk arises from the possibility that a stock's intrinsic value may not be fully realized by the market or that its price may decline. If a value investment style shifts out of favor based on market conditions and investor sentiment, the fund could underperform funds that use a non-value approach to investing or have a broader investment style.

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Performance | The bar chart that follows illustrates annual fund returns for the periods ended December 31. The table that follows compares the fund's returns for various periods with benchmark returns. This information is intended to give you some indication of the risk of investing in the fund by demonstrating how its returns have varied over time. The bar chart shows the fund's Class I share performance from one year to another. The Class I shares of the fund have adopted the performance history and financial statements of the Institutional Class shares of the fund's predecessor. Each of the fund's share classes is invested in the same portfolio of securities, and the annual returns would have differed only to the extent that the classes do not have the same sales charges and expenses. The fund's past performance (before and after taxes) is not necessarily an indication of how the fund will perform in the future. To obtain more current performance data as of the most recent month-end, please visit our website at carillontower.com.



During 10 year period (Class I shares):

| | Return | Quarter Ended |
|---------------|----------|----------------|
| Best Quarter | 28.15% | June 30, 2020 |
| Worst Quarter | (25.25)% | March 31, 2020 |

Average annual total returns (for the periods ended December 31, 2020):

Fund return (after deduction of sales charges and expenses)

| Share Class | Inception Date | 1-yr | 5-yr | 10-yr | Lifetime (if less than 10 yrs) |
|---|----------------|--------|--------|--------|--------------------------------------|
| Class I – Before Taxes | 10/31/2006 | 27.27% | 15.27% | 12.55% | |
| After Taxes on Distributions | | 26.55% | 14.07% | 10.85% | |
| After Taxes on Distributions and Sale of Fund Shares | | 16.64% | 12.00% | 9.77% | |
| Class A – Before Taxes | 11/20/17 | 21.00% | | | 9.79% |
| Class C – Before Taxes | 11/20/17 | 26.03% | | | 10.68% |
| Class Y – Before Taxes | 11/20/17 | 26.90% | | | 11.47% |
| Class R-3 – Before Taxes | 11/20/17 | 26.55% | | | 11.14% |
| Class R-5 – Before Taxes | 11/20/17 | 27.32% | | | 11.67% |
| Class R-6 – Before Taxes | 11/20/17 | 27.43% | | | 11.85% |

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Index (reflects no deduction for fees, expenses or taxes)

| | 1-yr | 5-yr | 10-yr | Lifetime (From Inception Date of Class A, Class C, Class Y, Class R-3, Class R-5 and Class R-6 Shares) |
|-----------------------|--------|--------|--------|---|
| Russell Midcap® Index | 17.10% | 13.40% | 12.41% | 12.30% |

After-tax returns are calculated using the historically highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on an investor's tax situation and may differ from those shown. After-tax returns shown are not relevant to investors who hold their fund shares through tax-deferred arrangements, such as a 401(k) plan or individual retirement account ("IRA"). After-tax returns are shown for Class I only and after-tax returns for Class A, Class C, Class Y, Class R-3, Class R-5, and Class R-6 will vary. The return after taxes on distributions and sale of fund shares may exceed the return before taxes due to an assumed tax benefit from any losses on a sale of fund shares at the end of the measurement period.

Investment Adviser | Carillon Tower Advisers, Inc. is the fund's investment adviser.

Sub-adviser | Scout Investments, Inc. serves as the sub-adviser to the fund.

Portfolio Managers | G. Patrick Dunkerley, CFA®, has served as the Lead Portfolio Manager of the fund and Derek M. Smashey, CFA®, John A. Indellicate II, CFA® and Jason J. Votruba, CFA®, have served as Portfolio Co-Managers of the fund since its inception in 2017. Messrs. Dunkerley, Smashey, Indellicate and Votruba are jointly and primarily responsible for the day-to-day management of the fund. Mr. Dunkerley served as Lead Portfolio Manager of the fund's predecessor and Mr. Smashey served as Portfolio Co-Manager of the fund's predecessor from its inception in 2006 to 2017. Messrs. Indellicate and Votruba served as Portfolio Co-Managers of the fund's predecessor from 2011 and 2013, respectively, to 2017.

Purchase and sale of fund shares | You may purchase, redeem, or exchange Class A, C, I and Y shares of the fund on any business day through your financial intermediary, by mail at Carillon Family of Funds, c/o U.S. Bank Global Fund Services, P.O. Box 701, Milwaukee, WI 53201-0701 (for regular mail) or 615 East Michigan Street, Third Floor, Milwaukee, WI, 53202 (for overnight service), or by telephone (800.421.4184). In Class A and Class C shares, the minimum purchase amount is \$1,000 for regular accounts, \$500 for retirement accounts and \$50 through a periodic investment program, with a minimum subsequent investment plan of \$50 per month. In Class Y shares, the minimum purchase amount is \$1,000 for regular accounts, \$100 for retirement accounts and \$100 through a periodic investment program, with a minimum subsequent investment plan of \$50 per month. The minimum initial purchase for Class I shares is \$10,000, while fee-based plan sponsors set their own minimum requirements. Class R-3, Class R-5 and Class R-6 shares can only be purchased through a participating retirement plan and the minimum initial purchase for Class R-3, Class R-5 and Class R-6 shares is set by the plan administrator.

Tax information | The dividends you receive from the fund will be taxed as ordinary income or net capital gain (i.e., the excess of net long-term capital gain over net short-term capital loss) unless you are investing through a tax-deferred arrangement, such as a 401(k) plan or an IRA, in which case you may be subject to federal income tax on withdrawals from the arrangement.

Payments to broker-dealers and other financial intermediaries | If you purchase shares of the fund through a broker-dealer or other financial intermediary (such as a bank), the fund and its related companies may pay the intermediary for the sale of fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the fund over another investment. Ask your salesperson or visit your financial intermediary's website for more information.