Summary Prospectus February 1, 2021

Virtus AllianzGI Emerging Markets Consumer Fund (formerly AllianzGI Emerging Markets Consumer Fund)



A: AMMAX Institutional: AERIX

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, shareholder reports, statement of additional information (SAI), and other information about the fund online at virtus.com/tools-resources/mutual-fund-documents.

You can also get this information at no cost by calling 800-243-1574 or by sending an e-mail to:

virtus.investment.partners@virtus.com. If you purchase shares of the fund through a broker-dealer or other financial intermediary such as a bank, the prospectus and other information will also be available from your financial intermediary.

The fund's prospectus and SAI, both dated February 1, 2021, are incorporated by reference into this Summary Prospectus.

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the fund's shareholder reports will no longer be sent by mail, unless specifically requested from the fund or from your broker-dealer or financial intermediary. Instead, the reports will be 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.

You may elect at any time to receive not only shareholder reports but also certain other communications such as prospectuses from the fund electronically, or you may elect to receive all future shareholder reports in paper free of charge to you. If you own your shares directly with the fund, you may make such elections by calling the fund at 1-800-243-1574 or, with respect to requesting electronic delivery, by visiting www.virtus.com. An election made directly with the fund will apply to all Virtus Mutual Funds in which you own shares directly. If you own your shares through a financial intermediary, please contact your financial intermediary to make your request and to determine whether your election will apply to all funds in which you own shares through that intermediary.

Investment Objective

The fund seeks long-term capital appreciation.

Fees and Expenses

The tables below illustrate the fees and expenses that you may pay if you buy, hold and sell shares of the fund. You may qualify for sales charge discounts in Class A Shares if you and your family invest, or agree to invest in the future, at least \$50,000 in Virtus Funds. More information on these and other discounts is available: (i) from your financial advisor or other financial intermediary; (ii) under "Sales Charges" on page 170 of the fund's prospectus; (iii) with respect to purchase of shares through specific intermediaries, in Appendix A to the fund's prospectus, entitled "Intermediary Sales Charge Discounts and Waivers;" and (iv) under "Alternative Purchase Arrangements" on page 130 of the fund's statement of additional information.

Shareholder Fees (fees paid directly from your investment)	Class A	Institutional
Maximum Sales Charge (load) Imposed on Purchases (as a percentage of offering price)	5.50%	None
Maximum Contingent Deferred Sales Charge (CDSC) (load) (as a percentage of the lower of original		
purchase price or NAV)(1)	1.00%	None

Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your					
investment)	Class A	Institutional			
Management Fees	0.85%	0.85%			
Distribution and Shareholder Servicing (12b-1) Fees	0.25%	None			
Other Expenses ⁽³⁾	0.85%	0.82%			
Total Annual Fund Operating Expenses	1.95%	1.67%			
Less: Fee Waiver and/or Expense Reimbursement ⁽²⁾	(0.55)%	(0.62)%			
Total Annual Fund Operating Expenses After Expense Reimbursement ⁽²⁾	1.40%	1.05%			

- (1) For Class A shares, the CDSC is imposed only in certain circumstances where shares are purchased without a front-end sales charge at the time of purchase.
- (2) Total Annual Fund Operating Expenses After Expense Reimbursement reflect the effect of a contractual agreement by Virtus Investment Advisers ("VIA") to waive its management fee and/or reimburse the fund for a period of two years beginning upon effectiveness of its investment advisory agreement with the fund to the extent that Total Annual Fund Operating Expenses, excluding interest, any other fees or expenses relating to financial leverage or borrowing (such as commitment, amendment and renewal expenses on credit or redemption facilities), tax, extraordinary, unusual or infrequently occurring expenses, brokerage commissions, expenses incurred in connection with any merger or reorganization, dividend expenses, and acquired fund fees and expenses, exceed 1.40% for Class A shares and 1.05% for Institutional Class shares. Under the Expense

Limitation Agreement, VIA may recoup amounts waived or reimbursed in the preceding three years, provided total expenses, including such recoupment, do not exceed the annual expense limit in effect at the time of such waiver/reimbursement or recoupment. The amount of any such recoupment would have the effect of being shared equally between VIA and Allianz Global Investors U.S. LLC ("AllianzGI U.S.") pursuant to the currently effective subadvisory arrangement between those parties. The Expense Limitation Agreement also permits recoupment by AllianzGI U.S. of amounts waived or reimbursed within the three preceding years under an analogous expense limitation arrangement in effect before VIA became adviser to the fund. The Expense Limitation Agreement is terminable by mutual agreement of Virtus Strategy Trust, AllianzGI U.S. and VIA.

(3) Other expenses are based on estimated amounts for the current fiscal year to reflect the new investment advisory agreement with VIA, and the new sub-advisory agreement with AllianzGI U.S. approved by the fund's shareholders at the Combined Special meeting of the Shareholders of Allianz Funds and Allianz Multi-Strategy Trust on October 28, 2020.

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 or continued to hold them. The example also assumes that your investment has a 5% return each year, that the fund's operating expenses remain the same and that the expense reimbursement agreement remains in place for the contractual period. The Examples are based, for the first two years, on Total Annual Fund Operating Expenses After Expense Reimbursement and, for all other periods, on Total Annual Fund Operating Expenses. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	Share Status	1 Year	3 Years	5 Years	10 Years
Class A	Sold or Held	\$685	\$1,026	\$1,447	\$2,617
Institutional	Sold or Held	\$107	\$401	\$786	\$1,866

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 57% of the average value of its portfolio.

Investments, Risks and Performance

Principal Investment Strategies

The fund seeks to achieve its investment objective by normally investing at least 80% of its net assets (plus borrowings made for investment purposes) in securities and instruments that are tied economically to emerging market countries and by investing at least 80% of its net assets (plus borrowings made for investment purposes) in securities of companies in the consumer and consumer-related sectors. The fund currently defines emerging market countries as countries with securities markets that are, in the opinion of the portfolio managers, less sophisticated than more developed markets in terms of participation by investors, analyst coverage, liquidity and regulation. The fund's portfolio managers consider a security to be tied economically to a country with an emerging securities market if it is classified as an emerging market security by MSCI Inc. ("MSCI"), incorporated in a Benchmark Country (as defined below), traded on an exchange in a Benchmark Country or if it has exposure to a Benchmark Country. The fund will normally invest primarily in companies located in the countries represented in the fund's primary benchmark index, which, as of the date of this Prospectus, is currently the MSCI Emerging Markets Index ("Benchmark Countries"). The fund normally invests primarily in common stocks, either directly or indirectly through American Depositary Receipts (ADRs) and other depositary receipts. Additionally, the fund may invest in certain eligible Chinese securities ("China A Shares") listed and traded on either the Shanghai Stock Exchange or the Shenzhen Stock Exchange. The fund expects to access China A Shares through the Shanghai-Hong Kong Stock Connect program or the Shenzhen-Hong Kong Stock Connect program (each a "Stock Connect"), as applicable.

The fund seeks to capitalize on economic growth, a significant young population, and expanding middle class consumption within emerging market countries via consumer-related companies. Generally, companies in the consumer and consumer-related sectors are companies principally engaged in the manufacture, sale or distribution of goods and services to consumers. The fund maintains flexibility to invest in all industries within the consumer staples, consumer discretionary, communication services and health care sectors, and select consumer-oriented industries within information technology, industrials, financials and real estate sectors. The consumer staples sector comprises those companies whose consumer products are less sensitive to economic cycles. It includes manufacturers and distributors of food, beverages and tobacco and producers of non-durable household goods and personal products. It also includes food and drug retailing companies as well as hypermarkets and consumer super centers. The consumer discretionary sector encompasses those businesses whose consumer products tend to be the most sensitive to economic cycles. Its manufacturing segment includes automotive, household durable goods, leisure equipment and textiles and apparel. Its services segment includes hotels, restaurants and

other leisure facilities, media production and services, and consumer retailing and services. The health care sector includes health care providers and services, companies that manufacture and distribute health care equipment and supplies and health care technology companies. It also includes companies involved in the research, development, production and marketing of pharmaceuticals and biotechnology products. The communication services sector includes companies exposed to telecommunication services, media, interactive media & services, and entertainment. It includes internet and software companies, traditional and internet-based content publishers, diversified telecommunications and wireless telecommunications providers. Consumer-oriented companies in other sectors may include, but are not limited to, airlines, consumer-related financials, communication equipment and professional services industries.

The portfolio managers seek to invest in consumer-oriented securities in emerging and developed markets which they believe capitalize on secular growth of the emerging market consumer. The portfolio managers believe that behavioral biases of investors contribute to market inefficiencies, which in turn can be exploited. The fund's investment universe consists primarily of approximately 1,300 emerging market consumer-related equities within the capitalization range of the MSCI Emerging Markets Index (between \$251.7 million and \$1.9 trillion as of December 31, 2020) and approximately 200 developed market equities that the portfolio managers consider to have exposure to emerging markets. The investment process begins with a proprietary "alpha" model which blends behavioral and intrinsic-valuation factors in assessing individual securities' prospects of outperforming the broader market. This multi-factor approach is integrated with a sophisticated risk model to form the basis of portfolio construction, with constraints at the individual security, industry and country levels to manage exposures relative to the benchmark index. Additionally, all investment recommendations are thoroughly vetted on a bottom-up basis to confirm the investment thesis and suitability before a purchase or sale. The integrated relationship between research and portfolio management combines the latest research from the academic and investment management communities with real-world portfolio management experience to attempt to maximize excess return opportunities within a framework that seeks to control risk.

In addition to common stocks, the fund may invest in other equity securities (such as preferred stocks, convertible securities and warrants) and equity-related instruments. The fund may invest in the securities of issuers of any market capitalization, including smaller capitalization companies, and may invest a portion of its assets in securities issued in initial public offerings (IPOs). The fund may utilize foreign currency exchange contracts, options, stock index futures contracts and other derivative instruments. Although the fund does not expect to invest significantly in derivative instruments, it may do so at any time. The fund typically does not seek to hedge its exposure to securities denominated in non-U.S. dollar currencies but retains the flexibility to do so at any time.

Principal Risks

The fund may not achieve its objective(s), and it is not intended to be a complete investment program. The value of the fund's investments that supports your share value may decrease. If between the time you purchase shares and the time you sell shares the value of the fund's investments decreases, you will lose money. Investment values can decrease for a number of reasons. Conditions affecting the overall economy, specific industries or companies in which the fund invests can be worse than expected, and investments may fail to perform as the subadviser expects. As a result, the value of your shares may decrease. Purchase and redemption activities by fund shareholders may impact the management of the fund and its ability to achieve its investment objective(s). The principal risks of investing in the fund are identified below (in alphabetical order after the first seven risks):

- Market Volatility Risk. The value of the securities in the fund may go up or down in response to the prospects of individual companies and/or general economic conditions. Price changes may be short- or long-term. Local, regional or global events such as war, acts of terrorism, the spread of infectious illness or other public health issue, recessions, or other events could have a significant impact on the fund and its investments, including hampering the ability of the fund's portfolio manager(s) to invest the fund's assets as intended.
- > **Issuer Risk**. The fund will be affected by factors specific to the issuers of securities and other instruments in which the fund invests, including actual or perceived changes in the financial condition or business prospects of such issuers.
- Equity Securities Risk. The value of the stocks held by the fund may be negatively affected by the financial market, industries in which the fund invests, or issuer-specific events. Focus on a particular style or in small or medium-sized companies may enhance that risk.
- > Foreign Investing Risk. Investing in foreign securities subjects the fund to additional risks such as increased volatility; currency fluctuations; less liquidity; and political, regulatory, economic, and market risk.
- Emerging Markets Risk. Foreign investing risk may be particularly high to the extent that the fund invests in emerging market securities. Emerging markets securities may be more volatile, or more greatly affected by negative conditions, than those of their counterparts in more established foreign markets.

- > China-Related Risk. Because the fund may invest a substantial portion of its assets in equity securities of Chinese companies, it is particularly affected by events or factors relating to China, which may increase risk and volatility.
- Focused Investment Risk (Consumer-Related Companies Risk). To the extent the fund focuses its investments on a limited number of issuers, sectors (such as the consumer and consumer-related sectors), industries or geographic regions, it may be subject to increased risk and volatility.
- > **Allocation Risk.** If the fund's exposure to equities and fixed income securities, or to other asset classes, deviates from the intended allocation, or if the fund's allocation is not optimal for market conditions at a given time, the fund's performance may suffer.
- > Convertible Securities Risk. The value of a convertible security may decline as interest rates rise and/or vary with fluctuations in the market value of the underlying securities. The security will be called for redemption at a time and/or price unfavorable to the fund.
- Counterparty Risk. A counterparty to a derivatives contract, repurchase agreement, a loan of portfolio securities or an unsettled transaction may be unable or unwilling to make timely settlement payments or otherwise honor its obligations to the fund.
- > Credit Risk. If the issuer of a debt instrument fails to pay interest or principal in a timely manner, or negative perceptions exist in the market of the issuer's ability to make such payments, the price of the security may decline.
- > Currency Rate Risk. Fluctuations in the exchange rates between the U.S. dollar and foreign currencies may negatively affect the value of the fund's shares.
- > **Derivatives Risk.** Derivatives may include, among other things, futures, options, forwards and swap agreements and may be used in order to hedge portfolio risks, create leverage or attempt to increase returns. Investments in derivatives may result in increased volatility and the fund may incur a loss greater than its principal investment.
- > IPO Risk. Securities purchased in initial public offerings have no trading history, limited issuer information and increased volatility.
- > Leverage Risk. When a fund leverages its portfolio by borrowing or certain types of transactions or instruments, including derivatives, fund may be less liquid, may liquidate positions at an unfavorable time, and the volatility of the fund's value may increase.
- Liquidity Risk. Certain securities may be substantially less liquid than many other securities, such as U.S. Government securities or common stocks. To the extent the fund invests in less liquid securities or the level of liquidity in a particular market is constrained, the lack of an active market for investments may cause delay in disposition or force a sale below fair value.
- > *Portfolio Turnover Risk.* High levels of portfolio turnover increase transaction costs and taxes and may lower investment performance.
- Small and Medium Market Capitalization Companies Risk. The fund's investments in small and medium market capitalization companies may increase the volatility and risk of loss to the fund, as compared with investments in larger, more established companies.

Please see "More Information About Risks Related to Principal Investment Strategies" in the fund's prospectus for a more detailed description of the fund's risks.

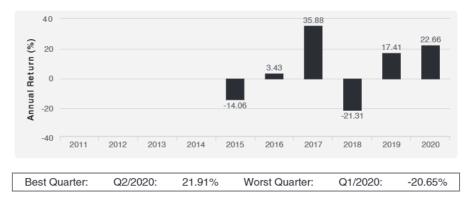
Performance Information

The bar chart and table below provide some indication of the potential risks of investing in the fund. The fund's past performance, before and after taxes, is not necessarily an indication of how the fund will perform in the future.

The bar chart shows changes in the fund's performance from year to year over a 10-year period. The table shows how the fund's average annual returns compare to those of a broad-based securities market index. Updated performance information is available at virtus.com or by calling 800-243-1574.

Calendar year total returns for Class A Shares

Returns do not reflect sales charges and would be lower if they did.



Average Annual Total Returns (for the periods ended 12/31/20)

Returns reflect deduction of maximum sales charges and full redemption at end of periods shown.

	1 Year	5 Years	Fund Inception (12/1/14)
Class A			
Return Before Taxes	15.91%	8.52%	3.41%
Return After Taxes on Distributions	14.03%	7.63%	2.68%
Return After Taxes on Distributions and Sale of Fund Shares	9.39%	6.35%	2.34%
Institutional Class			
Return Before Taxes	23.16%	10.14%	4.75%
MSCI Emerging Markets Index (returns reflect no deduction for fees or expenses but are net of dividend tax withholding)	18.31%	12.81%	7.03%

The MSCI Emerging Markets Index captures large and mid-cap representation across Emerging Markets countries. The index covers approximately 85% of the free float-adjusted market capitalization in each country. It is not possible to invest directly in the index. Performance data shown for the index is calculated net of dividend tax withholding.

After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. After-tax returns are shown only for Class A Shares; after-tax returns for other classes will vary. Actual after-tax returns depend on the investor's tax situation and may differ from those shown. After-tax returns are not relevant to investors who hold fund shares in tax-deferred accounts or to shares held by non-taxable entities.

Management

The fund's investment adviser is Virtus Investment Advisers, Inc. ("VIA").

The fund's subadviser is Allianz Global Investors U.S. LLC ("AllianzGI U.S.").

Portfolio Management

- > Kunal Ghosh, lead portfolio manager and managing director, has managed the fund since its inception in 2014.
- > Lu Yu, CFA, CIPM, portfolio manager and director, has managed the fund since its inception in 2014.

Purchase and Sale of Fund Shares

Minimum initial investments applicable to Class A and Class C Shares:

- \$2,500, generally
- \$100 for Individual Retirement Accounts (IRAs), systematic purchase or exchange accounts
- No minimum for defined contribution plans, asset-based fee programs, profit-sharing plans or employee benefit plans.

Minimum additional investments applicable to Class A and Class C Shares:

- \$100, generally
- No minimum for defined contribution plans, asset-based fee programs, profit-sharing plans or employee benefit plans.

Virtus Mutual Funds P.O. Box 9874 Providence, RI 02940-8074

For Class P, Institutional Class and Administrative Class shares, the minimum initial investment in the fund is \$1,000,000 and no minimum is needed to add to an existing account, though minimums may be modified for certain financial intermediaries that aggregate trades on behalf of investors.

In general, you may buy or sell shares of the fund by mail or telephone on any business day. You also may buy and sell shares through a financial advisor, broker-dealer or other financial intermediary.

Taxes

The fund's distributions are taxable to you as either ordinary income or capital gains, except when your investment is through a tax-deferred arrangement, such as a 401(k) plan or an individual retirement account. Such tax-deferred arrangements may be taxed later upon withdrawal of monies from those arrangements.

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, its distributor, its investment adviser or their affiliates 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 intermediary and your salesperson to recommend the fund over another investment. Ask your salesperson or visit your financial intermediary's Web site for more information.

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