THRIVENT SINGLE PREMIUM IMMEDIATE VARIABLE ANNUITY


Prospectuses
April 30, 2020
Thrivent Variable Annuity Account II
Thrivent Series Fund, Inc.
The Board of Directors of Thrivent Series Fund, Inc. has approved the merger of Thrivent Partner Growth Stock Portfolio (the “Target Portfolio”) into Thrivent Large Cap Growth Portfolio. The merger is subject to approval by contractholders of the Target Portfolio at a special meeting of contractholders to be held on or about August 24, 2020. The merger, if approved by contractholders, will occur on or about August 31, 2020. The Target Portfolio and its corresponding subaccount will be closed as new investment selections at the end of the day on July 17, 2020. If you already invest in a subaccount corresponding to the Target Portfolio, you can continue to invest in the subaccount until the merger has been completed.

The date of this Supplement is June 24, 2020.

*Please include this Supplement with your Prospectus.*
Supplement to the Prospectus
dated April 30, 2020
with respect to
Thrivent Partner Growth Stock Portfolio

The Board of Directors of Thrivent Series Fund, Inc. has approved the merger of Thrivent Partner Growth Stock Portfolio (the “Target Portfolio”) into Thrivent Large Cap Growth Portfolio. The merger is subject to approval by contractholders of the Target Portfolio at a special meeting of contractholders to be held on or about August 24, 2020. The merger, if approved by contractholders, will occur on or about August 31, 2020. The Target Portfolio and its corresponding subaccount will be closed as new investment selections at the end of the day on July 17, 2020. If you already invest in a subaccount corresponding to the Target Portfolio, you can continue to invest in the subaccount until the merger has been completed.

The date of this Supplement is June 24, 2020.
Thrivent Series Fund, Inc.

Supplement to
Prospectus and Thrivent Partner Healthcare Portfolio Summary Prospectus,
each dated April 30, 2020

1. Xiang Liu, PhD and Jeff Lee joined Erin Xie, PhD as portfolio co-managers of Thrivent Partner Healthcare Portfolio in June 2020. The following replaces similar information for Thrivent Partner Healthcare Portfolio found in the “Summary Section” under the heading “Portfolio Manager(s)” and in the “Management of the Portfolios” section under the heading “Portfolio Management”:

   Erin Xie, PhD, Xiang Liu, PhD, and Jeff Lee are jointly and primarily responsible for the day-to-day management of the Portfolio. Dr. Xie, Managing Director of BlackRock, Inc. (“BlackRock”), has served as a portfolio manager of the Portfolio since September 2017. Dr. Xie has been a Managing Director of BlackRock since 2006 and joined BlackRock as a Director in 2005. Prior to joining BlackRock, Dr. Xie was a Senior Vice President of State Street Research & Management from 2001 to 2005. Dr. Liu, Director of BlackRock, has served as a portfolio manager of the Portfolio since June 2020. Dr. Liu has been a Director of Black Rock since 2016 and joined BlackRock in 2008 as a Vice President in 2005. Mr. Lee, Vice President of BlackRock, has served as a portfolio manager of the Portfolio since June 2020. Mr. Lee has been a Vice President of BlackRock since joining BlackRock in 2011. Prior to joining BlackRock, Mr. Lee was an analyst of Duquesne Capital Management from 2008 to 2010.

2. Thrivent Partner Healthcare Portfolio currently is considered to be diversified within the meaning of the 1940 Act.

   Accordingly, the third sentence under “Principal Strategies” for Thrivent Partner Healthcare Portfolio in the “Summary Section” is deleted and replaced with the following: “The Portfolio invests primarily in equity securities of both U.S. and non-U.S. companies (including American Depositary Receipts and issuers in emerging markets).”

   Non-Diversified Risk is deleted from the “Principal Risks” for Thrivent Partner Healthcare Portfolio in the “Summary Section.”

   The date of this Supplement is July 24, 2020.

   Please include this Supplement with your Prospectus or Summary Prospectus.

36079
# Table of Contents

## Product Prospectuses

<table>
<thead>
<tr>
<th>Prospectus Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Variable Annuity Account II</td>
<td>1</td>
</tr>
</tbody>
</table>

## Summary Prospectuses

<table>
<thead>
<tr>
<th>Prospectus Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Aggressive Allocation Portfolio</td>
<td>TSF-1</td>
</tr>
<tr>
<td>Thrivent All Cap Portfolio</td>
<td>TSF-7</td>
</tr>
<tr>
<td>Thrivent Balanced Income Plus Portfolio</td>
<td>TSF-11</td>
</tr>
<tr>
<td>Thrivent Diversified Income Plus Portfolio</td>
<td>TSF-18</td>
</tr>
<tr>
<td>Thrivent ESG Index Portfolio</td>
<td>TSF-25</td>
</tr>
<tr>
<td>Thrivent Global Stock Portfolio</td>
<td>TSF-29</td>
</tr>
<tr>
<td>Thrivent Government Bond Portfolio</td>
<td>TSF-34</td>
</tr>
<tr>
<td>Thrivent High Yield Portfolio</td>
<td>TSF-39</td>
</tr>
<tr>
<td>Thrivent Income Portfolio</td>
<td>TSF-44</td>
</tr>
<tr>
<td>Thrivent International Allocation Portfolio</td>
<td>TSF-49</td>
</tr>
<tr>
<td>Thrivent International Index Portfolio</td>
<td>TSF-54</td>
</tr>
<tr>
<td>Thrivent Large Cap Growth Portfolio</td>
<td>TSF-58</td>
</tr>
<tr>
<td>Thrivent Large Cap Index Portfolio</td>
<td>TSF-62</td>
</tr>
<tr>
<td>Thrivent Large Cap Value Portfolio</td>
<td>TSF-66</td>
</tr>
<tr>
<td>Thrivent Limited Maturity Bond Portfolio</td>
<td>TSF-70</td>
</tr>
<tr>
<td>Thrivent Low Volatility Equity Portfolio</td>
<td>TSF-75</td>
</tr>
<tr>
<td>Thrivent Mid Cap Growth Portfolio</td>
<td>TSF-80</td>
</tr>
<tr>
<td>Thrivent Mid Cap Index Portfolio</td>
<td>TSF-84</td>
</tr>
<tr>
<td>Thrivent Mid Cap Stock Portfolio</td>
<td>TSF-88</td>
</tr>
<tr>
<td>Thrivent Mid Cap Value Portfolio</td>
<td>TSF-92</td>
</tr>
<tr>
<td>Thrivent Moderate Allocation Portfolio</td>
<td>TSF-96</td>
</tr>
<tr>
<td>Thrivent Moderately Aggressive Allocation Portfolio</td>
<td>TSF-102</td>
</tr>
<tr>
<td>Thrivent Moderately Conservative Allocation Portfolio</td>
<td>TSF-108</td>
</tr>
<tr>
<td>Thrivent Money Market Portfolio</td>
<td>TSF-115</td>
</tr>
<tr>
<td>Thrivent Multidimensional Income Portfolio</td>
<td>TSF-119</td>
</tr>
<tr>
<td>Thrivent Opportunity Income Plus Portfolio</td>
<td>TSF-126</td>
</tr>
<tr>
<td>Thrivent Partner Emerging Markets Equity Portfolio</td>
<td>TSF-132</td>
</tr>
<tr>
<td>Thrivent Partner Growth Stock Portfolio</td>
<td>TSF-137</td>
</tr>
<tr>
<td>Thrivent Partner Healthcare Portfolio</td>
<td>TSF-142</td>
</tr>
<tr>
<td>Thrivent Real Estate Securities Portfolio</td>
<td>TSF-147</td>
</tr>
<tr>
<td>Thrivent Small Cap Growth Portfolio</td>
<td>TSF-151</td>
</tr>
<tr>
<td>Thrivent Small Cap Index Portfolio</td>
<td>TSF-155</td>
</tr>
<tr>
<td>Thrivent Small Cap Stock Portfolio</td>
<td>TSF-159</td>
</tr>
</tbody>
</table>
This Prospectus describes the individual single premium immediate variable annuity Contract (the “Contract”) which was issued by Thrivent Financial for Lutherans (“Thrivent,” “we,” “us,” or “our”), a fraternal benefit society organized under Wisconsin law. We no longer issue new Contracts.

We allocate net premiums based on your designation to one or more Subaccounts of Thrivent Variable Annuity Account II (the “Variable Account”), and/or to the Fixed Account (which is the general account of ours, and which pays guaranteed periodic payments).

The assets of each Subaccount will be invested solely in a corresponding Portfolio of Thrivent Series Fund, Inc. (the “Fund”), which is an open-end management investment company (commonly known as a “mutual fund”). We provide the overall investment management for each of the Portfolios of the Fund, although some of the Portfolios are managed by an investment subadviser. The accompanying Prospectus for the Fund describes the investment objectives and attendant risks of the following Portfolios:

- Thrivent Aggressive Allocation Portfolio
- Thrivent All Cap Portfolio
- Thrivent Balanced Income Plus Portfolio
- Thrivent Diversified Income Plus Portfolio
  - Thrivent ESG Index Portfolio
  - Thrivent Global Stock Portfolio
  - Thrivent Government Bond Portfolio
  - Thrivent High Yield Portfolio
  - Thrivent Income Portfolio
  - Thrivent International Allocation Portfolio (subadvised by Goldman Sachs Asset Management, L.P.)
  - Thrivent International Index Portfolio
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Index Portfolio
  - Thrivent Large Cap Value Portfolio
  - Thrivent Limited Maturity Bond Portfolio
  - Thrivent Low Volatility Equity Portfolio
  - Thrivent Mid Cap Growth Portfolio
- Thrivent Mid Cap Index Portfolio
- Thrivent Mid Cap Stock Portfolio
- Thrivent Mid Cap Value Portfolio
- Thrivent Moderate Allocation Portfolio
- Thrivent Moderately Aggressive Allocation Portfolio
- Thrivent Moderately Conservative Allocation Portfolio
  - Thrivent Money Market Portfolio
  - Thrivent Multidimensional Income Portfolio
  - Thrivent Opportunity Income Plus Portfolio
  - Thrivent Partner Emerging Markets Equity Portfolio (subadvised by Aberdeen Asset Managers Limited)
  - Thrivent Partner Growth Stock Portfolio (subadvised by T. Rowe Price Associates, Inc.)
  - Thrivent Partner Healthcare Portfolio (subadvised by BlackRock Investment Management, LLC)
  - Thrivent Real Estate Securities Portfolio
  - Thrivent Small Cap Growth Portfolio
  - Thrivent Small Cap Index Portfolio
  - Thrivent Small Cap Stock Portfolio

Additional information about us, the Contract and the Variable Account is contained in a Statement of Additional Information (“SAI”) dated April 30, 2020. That SAI was filed with the Securities and Exchange Commission and is incorporated by reference in this Prospectus. You may obtain a copy of the SAI and all other documents required to be filed with the SEC without charge by calling us at 1-800-847-4836, going online at thrivent.com, or by writing us at Thrivent, 4321 North Ballard Road, Appleton, Wisconsin, 54919-0001. In addition, the Securities and Exchange Commission maintains a website (http://www.sec.gov) that contains the SAI and all other documents required to be filed with the SEC. The Table of Contents for the SAI may be found on Page 36 of this Prospectus.

An investment in the Contract is not a deposit of a bank or financial institution and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. An investment in the Contract involves investment risk including the possible loss of principal.

The Securities and Exchange Commission has not approved or disapproved these securities or determined if this Prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

This Prospectus sets forth concisely the information about the Contract that a prospective investor ought to know before investing, and should be read and kept for future reference. We have not authorized anyone to provide you with information that is different.

Beginning on Jan. 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the shareholder reports for portfolios available under your contract will no longer be sent by mail, unless you specifically request paper copies of the reports from Thrivent or from your financial professional. 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.
If you already elected to receive reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive reports and other communications from Thrivent electronically by calling our Service Center at (800) 847-4836 or by signing up for electronic delivery on our website at www.thrivent.com/gopaperless.

You may elect to receive all future reports in paper free of charge. You can inform Thrivent that you wish to continue receiving paper copies of your reports by calling our Service Center or by signing up at our website. Your election to receive reports in paper will apply to all portfolios available under your Contract.

The date of this Prospectus is April 30, 2020.
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Definitions</td>
<td>5</td>
</tr>
<tr>
<td>Fee and Expense Tables</td>
<td>6</td>
</tr>
<tr>
<td>Summary</td>
<td>8</td>
</tr>
<tr>
<td>The Contract</td>
<td>8</td>
</tr>
<tr>
<td>Investment Options</td>
<td>8</td>
</tr>
<tr>
<td>Free Look Period</td>
<td>8</td>
</tr>
<tr>
<td>Withdrawals and Surrenders</td>
<td>8</td>
</tr>
<tr>
<td>Transfers</td>
<td>8</td>
</tr>
<tr>
<td>Annuity Payment Amount</td>
<td>8</td>
</tr>
<tr>
<td>Federal Tax Status</td>
<td>8</td>
</tr>
<tr>
<td>Condensed Financial Information</td>
<td>8</td>
</tr>
<tr>
<td>Thrivent Financial and the Variable Account</td>
<td>9</td>
</tr>
<tr>
<td>Thrivent</td>
<td>9</td>
</tr>
<tr>
<td>The Variable Account</td>
<td>9</td>
</tr>
<tr>
<td>Investment Options</td>
<td>10</td>
</tr>
<tr>
<td>Variable Investment Options and the Subaccounts</td>
<td>10</td>
</tr>
<tr>
<td>Investment Management</td>
<td>14</td>
</tr>
<tr>
<td>Addition, Deletion, Combination, or Substitution of Investments</td>
<td>14</td>
</tr>
<tr>
<td>Voting Privileges</td>
<td>15</td>
</tr>
<tr>
<td>Fixed Account</td>
<td>16</td>
</tr>
<tr>
<td>The Contract</td>
<td>16</td>
</tr>
<tr>
<td>Crediting and Allocating Your Premium Payment</td>
<td>16</td>
</tr>
<tr>
<td>Telephone and Online Transactions</td>
<td>17</td>
</tr>
<tr>
<td>Timely Processing</td>
<td>17</td>
</tr>
<tr>
<td>Owners, Payees and Annuitants</td>
<td>17</td>
</tr>
<tr>
<td>Adult and Juvenile Contracts</td>
<td>18</td>
</tr>
<tr>
<td>Beneficiaries</td>
<td>18</td>
</tr>
<tr>
<td>Assignment of Ownership</td>
<td>18</td>
</tr>
<tr>
<td>Annuity Payments</td>
<td>20</td>
</tr>
<tr>
<td>Selecting an Annuity Payment Option</td>
<td>20</td>
</tr>
<tr>
<td>Annuity Payment Options</td>
<td>20</td>
</tr>
<tr>
<td>Annuity Payment Dates</td>
<td>21</td>
</tr>
<tr>
<td>Fixed Account Annuity Payments</td>
<td>21</td>
</tr>
<tr>
<td>Variable Annuity Payments</td>
<td>21</td>
</tr>
<tr>
<td>Transfers Among Subaccounts and/or the Fixed Account</td>
<td>23</td>
</tr>
<tr>
<td>Transfers Among Subaccounts</td>
<td>23</td>
</tr>
<tr>
<td>Frequent Trading Policies</td>
<td>23</td>
</tr>
<tr>
<td>Surrenders and Withdrawals</td>
<td>24</td>
</tr>
<tr>
<td>Death of the Owner and/or Annuitant</td>
<td>26</td>
</tr>
<tr>
<td>Contract Fees and Charges</td>
<td>26</td>
</tr>
<tr>
<td>Withdrawal or Surrender Charge</td>
<td>26</td>
</tr>
<tr>
<td>Transfer Charge</td>
<td>27</td>
</tr>
<tr>
<td>Mortality and Expense Risk Charge</td>
<td>27</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>27</td>
</tr>
<tr>
<td>Taxes</td>
<td>27</td>
</tr>
<tr>
<td>General Information About the Contract</td>
<td>28</td>
</tr>
<tr>
<td>The Entire Contract</td>
<td>28</td>
</tr>
<tr>
<td>Gender Neutral Benefits</td>
<td>28</td>
</tr>
<tr>
<td>Section</td>
<td>Page</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>State Variations</td>
<td>28</td>
</tr>
<tr>
<td>Reports to Contract Owners</td>
<td>28</td>
</tr>
<tr>
<td>Postponement of Payments</td>
<td>28</td>
</tr>
<tr>
<td>Anti-Money Laundering</td>
<td>28</td>
</tr>
<tr>
<td>Maintenance of Solvency</td>
<td>29</td>
</tr>
<tr>
<td>How to Contact Us</td>
<td>30</td>
</tr>
<tr>
<td>Federal Tax Status</td>
<td>30</td>
</tr>
<tr>
<td>General</td>
<td>30</td>
</tr>
<tr>
<td>Tax Status of the Variable Account</td>
<td>30</td>
</tr>
<tr>
<td>Taxation of Annuities in General</td>
<td>30</td>
</tr>
<tr>
<td>Tax Treatment as an Annuity</td>
<td>30</td>
</tr>
<tr>
<td>Taxation of Annuity Income Payments</td>
<td>32</td>
</tr>
<tr>
<td>Taxation of Withdrawals and Surrenders</td>
<td>32</td>
</tr>
<tr>
<td>Tax Treatment of Life Income with Guaranteed Payment Period After Annuitant’s Death</td>
<td>32</td>
</tr>
<tr>
<td>Penalty Tax on Premature Distributions</td>
<td>32</td>
</tr>
<tr>
<td>Exchanges of Annuity Contracts</td>
<td>33</td>
</tr>
<tr>
<td>Qualified Plans</td>
<td>33</td>
</tr>
<tr>
<td>Direct Rollovers</td>
<td>34</td>
</tr>
<tr>
<td>Federal Income Tax Withholding</td>
<td>34</td>
</tr>
<tr>
<td>Legal Proceedings</td>
<td>35</td>
</tr>
<tr>
<td>Financial Statements</td>
<td>35</td>
</tr>
<tr>
<td>Statement of Additional Information</td>
<td>36</td>
</tr>
<tr>
<td>Table of Contents</td>
<td>36</td>
</tr>
<tr>
<td>Appendix A—Condensed Financial Information</td>
<td>37</td>
</tr>
</tbody>
</table>
DEFINITIONS

**Annuitant.** The person on whose life or life expectancy the Contract is based.

**Annuity Payment.** One of a series of periodic distributions.

**Annuity Payment Date.** The date of the month on which you elect to receive Annuity Payments.

**Annuity Payment Period.** The period during which Annuity Payments are made.

**Committed Value.** The amount expressed as a lump sum payment which represents the present value of the future payments for the remaining guaranteed period.

**Contract.** The Contract between you and us providing the single premium immediate variable annuity.

**Contract Anniversary.** The same date in each year as the Issue Date.

**Contract Year.** A period beginning on a Contract Anniversary and ending on the day immediately preceding the next Contract Anniversary.

**Code.** The Internal Revenue Code of 1986, as amended.

**Fixed Account.** Part of the general account of Thrivent, which includes all of Thrivent assets other than those in any Variable Account of Thrivent.

**Funds.** Thrivent Series Fund, Inc.

**Issue Date.** The effective date of the Contract, generally the date on which we apply your premium.

**Medallion Signature Guarantee.** A stamp provided by a financial institution that guarantees your signature. An eligible guarantor institution, such as a national bank, brokerage firm, commercial bank, trust company, credit union, or a savings association participating in the Medallion Signature Guarantee Program provides that service.

**Qualified Plan.** A retirement plan that receives favorable tax treatment under Section 401, 403(b), 408 or 408A of the Code.

**Service Center.** Thrivent, 4321 North Ballard Road, Appleton, Wisconsin 54919-0001, telephone, 1-800-847-4836, or such other office as we may specify in a notice to the contract owner.

**Subaccount.** A division of the Variable Account that invests exclusively in shares of a single portfolio of the fund.

**Valuation Date.** Any date we are open for business and the New York Stock Exchange is open for regular trading. The Valuation Date ends at the close of regular trading on the New York Stock Exchange, usually 4:00 p.m. Eastern Time.

**Valuation Period.** The period of time from the end of one Valuation Date to the end of the next Valuation Date.

**Variable Account.** Thrivent Variable Annuity Account II, which is separate from Thrivent’s general account.

**Written Request.** A written request or notice provided by the owner, received in good order by Thrivent at its Service Center and satisfactory in form and content to Thrivent.
The following tables describe the fees and expenses that you will pay when buying, owning, and surrendering the Contract. For a complete discussion of Contract fees and expenses, see Contract Fees and Charges.

The first table describes the fees and expenses that you will pay at the time that you buy the Contract, surrender the Contract, or transfer cash value between investment options. No state premium taxes are deducted.

### Contract Owner Transaction Expenses

<table>
<thead>
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<th>Description</th>
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<tr>
<td>Sales Load Imposed on Purchase (as a percentage of purchase payments)</td>
<td>0%</td>
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<td>Transfer Charge (after 12 free transfers per Contract Year)</td>
<td>$25(^1)</td>
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<td>Maximum Commuted Value Charge (if surrendered)</td>
<td>2%(^2)</td>
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The next table describes the fees and expenses that you will pay periodically during the time that you own the Contract, not including Portfolio fees and expenses.

### Periodic Fees and Expenses other than Fund Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Mortality and Expense Risk Charge</td>
<td>1.25%</td>
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</table>

The next table shows the minimum and maximum Total Annual Portfolio Operating Expenses charged by the Portfolios that you pay indirectly during the time you own the Contract. This table shows the range (minimum and maximum) of fees and expenses (including management fees and other expenses) charged by any of the Portfolios, expressed as an annual percentage of average daily net assets. The amounts are based on the arithmetic average of expenses paid in the year ended December 31, 2019, for all of the available Portfolios, adjusted to reflect anticipated changes in fees and expenses. With respect to new Portfolios, amounts are based on estimates for the current fiscal year. The amounts shown reflect expenses before any applicable expense reimbursement or fee waiver.

### Total Annual Portfolio Operating Expenses\(^3\)

<table>
<thead>
<tr>
<th>Description</th>
<th>Maximum</th>
<th>Minimum</th>
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<tbody>
<tr>
<td>(expenses that are deducted from Fund Assets, including management fees and other expenses)</td>
<td>3.90%</td>
<td>0.24%</td>
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Each Subaccount of the Variable Account purchases shares of the corresponding Fund Portfolio at net asset value. The net asset value reflects the investment advisory fees and other expenses that are deducted from the assets of the Portfolio. The advisory fees and other expenses are not fixed or specified under the terms of the Contract, and they may vary from year to year. More detail concerning the fees and expenses of the Portfolios is contained in the prospectus for the Fund.

If a Portfolio is structured as a “fund of funds,” the Portfolio will indirectly bear its proportionate share of any fees and expenses (like investment advisory fees and operating expenses) of the investment companies in which it invests. However, Thrivent has contractually agreed, for as long as the current fee structure is in place, to waive an amount equal to any investment advisory fees indirectly incurred by an Asset Allocation Portfolio as a result of its investment in any other mutual fund for which the Adviser or an affiliate serves as investment adviser, other than Thrivent Cash Management Trust. For a list of the “fund of funds” portfolios available through the Contract, see the chart of portfolios available in the prospectus for the Fund.
Examples

The following two examples are intended to help you compare the cost of investing in the Contract with the cost of investing in other variable annuity contracts. These costs include contract owner transaction expenses, Contract fees, separate account annual expenses, and Portfolio fees and expenses. The following two examples assume that you invest $10,000 in the Contract for the time periods indicated and that your investment has a 5% return each year and assumes both the minimum and the maximum fees and expenses of the Portfolios. Although your actual costs may be higher or lower, based on these assumptions, your costs would be:

Example 1: If you select a life income payment option with a 10-year guaranteed Payment

<table>
<thead>
<tr>
<th>Years</th>
<th>1</th>
<th>3</th>
<th>5</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If you surrender your Contract at the end of the applicable time period with</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Portfolio Expenses:</td>
<td>$195</td>
<td>$445</td>
<td>$695</td>
<td>$1,328</td>
</tr>
<tr>
<td>Maximum Portfolio Expenses:</td>
<td>$605</td>
<td>$1,486</td>
<td>$2,303</td>
<td>$4,092</td>
</tr>
<tr>
<td>If you do not surrender your Contract at end of the applicable time period with</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Portfolio Expenses:</td>
<td>$137</td>
<td>$409</td>
<td>$677</td>
<td>$1,328</td>
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<tr>
<td>Maximum Portfolio Expenses:</td>
<td>$495</td>
<td>$1,423</td>
<td>$2,273</td>
<td>$4,092</td>
</tr>
</tbody>
</table>

Example 2: If you select a 20-year fixed period income payment option

<table>
<thead>
<tr>
<th>Years</th>
<th>1</th>
<th>3</th>
<th>5</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>If you surrender your Contract at the end of the applicable time period with</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Portfolio Expenses:</td>
<td>$ 503</td>
<td>$696</td>
<td>$870</td>
<td>$1,223</td>
</tr>
<tr>
<td>Maximum Portfolio Expenses:</td>
<td>$1,174</td>
<td>$1,886</td>
<td>$2,494</td>
<td>$3,602</td>
</tr>
<tr>
<td>If you do not surrender your Contract at end of the applicable time period with</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Portfolio Expenses:</td>
<td>$ 133</td>
<td>$386</td>
<td>$619</td>
<td>$1,101</td>
</tr>
<tr>
<td>Maximum Portfolio Expenses:</td>
<td>$ 481</td>
<td>$1,345</td>
<td>$2,084</td>
<td>$3,434</td>
</tr>
</tbody>
</table>

Notes to Fee and Expense Tables:
1. You are allowed 12 free transfers between the Subaccounts in each Contract Year. Subsequent transfers will incur a $25 transfer charge.
2. If you surrender or withdraw from the Contract, we will pay you the commuted value of the future payments for the remaining guaranteed payment period. We calculate the commuted value you receive for the Fixed Account using an interest rate that is currently 0.5% greater than the rate used to determine the Annuity Payments. For variable Subaccounts, we currently use an interest rate that is 0.5% greater than the assumed investment return that you selected. Since we use a higher interest rate in calculating the commuted value, the contract has an indirect surrender charge. Also, the amount that you will receive upon a withdrawal or surrender of the Contract will be less than you would receive had you chosen to continue receiving Annuity Payments.
3. Thrivent Financial has agreed to reimburse certain expenses other than the advisory fees for certain of the Portfolios. After taking these contractual and voluntary arrangements into account, the actual range (minimum and maximum) of total operating expenses charged by the Portfolios was between 0.24% to 1.25%. The reimbursements may be discontinued at any time.
4. For both examples, the following assumptions are used: portfolio operating expenses ranging from 3.90% to 0.24%.
Please see *Definitions* at the beginning of this Prospectus for definitions of several technical terms, which can help you understand details about your Contract. The Summary is an introduction to various topics related to the Contract. For more detailed information on each subject, refer to the appropriate section of this Prospectus.

**The Contract**

The Contract along with any riders or endorsements, amendments, application, and our Articles of Incorporation and Bylaws constitutes your entire agreement. The Contract is an individual single premium immediate variable annuity that allows you to receive periodic payments whose amounts are adjusted up or down according to the performance of various underlying Subaccounts you select.

**Investment Options**

The Contract offers a choice of a number of variable investment options. You bear the investment risk as to the performance of the variable investment options. The Contract also offers a Fixed Account option. Premiums allocated to the Fixed Account will fund guaranteed periodic payments.

**Free Look Period**

You may cancel your Contract within 10 days starting on the day you receive it. This 10-day period is called the free look period. Some states require that we provide you a longer free look period. In some states we may restrict the initial premium allocation to the Thrivent Money Market Subaccount during the *Free Look Period*.

**Withdrawals and Surrenders**

Unless your Contract is irrevocable, you may withdraw from or surrender the Contract for its commuted value. If you take a withdrawal from or surrender the Contract before attaining age 59½, you may be subject to a 10% premature distribution penalty tax in addition to ordinary income tax.

**Transfers**

You may transfer all or a part of your Contract’s value among the Subaccounts or from the Subaccounts to the Fixed Account subject to certain limitations. We do not allow transfers from the Fixed Account. You may make up to twelve transfers per contract year without a fee. Certain other restrictions apply to transfers.

**Annuity Payment Amount**

We determine the amount of your Annuity Payment based upon your premium, the Annuity Payment option you choose, and the investment allocations that you select.

**Federal Tax Status**

All or a portion of every distribution or Annuity Payment will generally be taxable as ordinary income. The taxable portion of most distributions will be subject to withholding unless the payee elects otherwise. There may be tax penalties if you take a distribution before reaching age 59½. Current tax laws may change at any time.

Death proceeds are taxable and generally are included in the income of the recipient as follows:

- If payments from a life income with a guaranteed payment period are continued, they are taxed only after the remaining investment in the contract has been recovered.
- Other payments are taxed as annuity income payments.
- If distributed in a lump sum, they are taxed in the same manner as a full surrender.

**Condensed Financial Information**

Condensed financial information containing the accumulated unit value history appears at the end of this Prospectus in Appendix A.
Thrivent

Thrivent is a not-for-profit financial services membership organization of Christians helping our members achieve financial security and give back to their communities. We were organized in 1902 as a fraternal benefit society under Wisconsin law, and comply with Internal Revenue Code Section 501(c)(8). We are licensed to sell insurance in all states and the District of Columbia.

For more information, visit Thrivent.com.

The Variable Account

The Variable Account is a separate account of ours, which was established in 1999. The Variable Account meets the definition of a “separate account” under the federal securities laws. The Variable Account is registered with the Securities and Exchange Commission (the “SEC”) as a unit investment trust under the Investment Company Act of 1940 (the “1940 Act”). This registration does not involve supervision by the SEC of the management or investment policies or practices of the Variable Account.

We own the assets of the Variable Account, and we are not a trustee with respect to such assets. However, the Wisconsin laws under which the Variable Account is operated provide that the Variable Account shall not be chargeable with liabilities arising out of any other business we may conduct. The Variable Account will be fully funded at all times for the purposes of federal securities laws. We may transfer to our general account assets of the Variable Account which exceed the reserves and other liabilities of the Variable Account.

Income and realized and unrealized gains and losses from each Subaccount of the Variable Account are credited to or charged against that Subaccount without regard to any of our other income, gains or losses. We may accumulate in the Variable Account the charge for expense and mortality risk, mortality gains and losses and investment results applicable to those assets that are in excess of net assets supporting the Contracts.
Variable Investment Options and the Subaccounts

We select the Portfolios offered through the Contract based on several factors. We generally select the Portfolios to provide a range of investment options for the Contracts from conservative to more aggressive investment strategies.

You may allocate the premiums paid under the Contract and transfer from the Variable Account to the Subaccounts of the Variable Account. We invest the assets of each Subaccount in a corresponding Portfolio of the Fund. Note that the italicized Portfolios below are “fund of funds” which are comprised of investments in other Portfolios within the Fund. The Subaccounts and the corresponding Portfolios are listed below.

<table>
<thead>
<tr>
<th>Subaccount</th>
<th>Corresponding Portfolio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Aggressive Allocation Subaccount</td>
<td>Thrivent Aggressive Allocation Portfolio</td>
</tr>
<tr>
<td>Thrivent All Cap Subaccount</td>
<td>Thrivent All Cap Portfolio</td>
</tr>
<tr>
<td>Thrivent Balanced Income Plus Subaccount</td>
<td>Thrivent Balanced Income Plus Portfolio</td>
</tr>
<tr>
<td>Thrivent Diversified Income Plus Subaccount</td>
<td>Thrivent Diversified Income Plus Portfolio</td>
</tr>
<tr>
<td>Thrivent ESG Index Subaccount</td>
<td>Thrivent ESG Index Portfolio</td>
</tr>
<tr>
<td>Thrivent Global Stock Subaccount</td>
<td>Thrivent Global Stock Portfolio</td>
</tr>
<tr>
<td>Thrivent Government Bond Subaccount</td>
<td>Thrivent Government Bond Portfolio</td>
</tr>
<tr>
<td>Thrivent High Yield Subaccount</td>
<td>Thrivent High Yield Portfolio</td>
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<tr>
<td>Thrivent Income Subaccount</td>
<td>Thrivent Income Portfolio</td>
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<tr>
<td>Thrivent International Allocation Subaccount</td>
<td>Thrivent International Allocation Portfolio</td>
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<tr>
<td>Thrivent International Index Subaccount</td>
<td>Thrivent International Index Portfolio</td>
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<tr>
<td>Thrivent Large Cap Growth Subaccount</td>
<td>Thrivent Large Cap Growth Portfolio</td>
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<tr>
<td>Thrivent Large Cap Index Subaccount</td>
<td>Thrivent Large Cap Index Portfolio</td>
</tr>
<tr>
<td>Thrivent Large Cap Value Subaccount</td>
<td>Thrivent Large Cap Value Portfolio</td>
</tr>
<tr>
<td>Thrivent Limited Maturity Bond Subaccount</td>
<td>Thrivent Limited Maturity Bond Portfolio</td>
</tr>
<tr>
<td>Thrivent Low Volatility Equity Subaccount</td>
<td>Thrivent Low Volatility Equity Portfolio</td>
</tr>
<tr>
<td>Thrivent Mid Cap Growth Subaccount</td>
<td>Thrivent Mid Cap Growth Portfolio</td>
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<tr>
<td>Thrivent Mid Cap Index Subaccount</td>
<td>Thrivent Mid Cap Index Portfolio</td>
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<tr>
<td>Thrivent Mid Cap Stock Subaccount</td>
<td>Thrivent Mid Cap Stock Portfolio</td>
</tr>
<tr>
<td>Thrivent Mid Cap Value Subaccount</td>
<td>Thrivent Mid Cap Value Portfolio</td>
</tr>
<tr>
<td><strong>Thrivent Moderate Allocation Subaccount</strong></td>
<td><strong>Thrivent Moderate Allocation Portfolio</strong></td>
</tr>
<tr>
<td><strong>Thrivent Moderately Aggressive Allocation Subaccount</strong></td>
<td><strong>Thrivent Moderately Aggressive Allocation Portfolio</strong></td>
</tr>
<tr>
<td><strong>Thrivent Moderately Conservative Allocation Subaccount</strong></td>
<td><strong>Thrivent Moderately Conservative Allocation Portfolio</strong></td>
</tr>
<tr>
<td>Thrivent Money Market Subaccount</td>
<td>Thrivent Money Market Portfolio</td>
</tr>
<tr>
<td>Thrivent Multidimensional Income Subaccount</td>
<td>Thrivent Multidimensional Income Portfolio</td>
</tr>
<tr>
<td>Thrivent Opportunity Income Plus Subaccount</td>
<td>Thrivent Opportunity Income Plus Portfolio</td>
</tr>
<tr>
<td>Thrivent Partner Emerging Markets Equity Subaccount</td>
<td>Thrivent Partner Emerging Markets Equity Portfolio</td>
</tr>
<tr>
<td>Thrivent Partner Growth Stock Subaccount</td>
<td>Thrivent Partner Growth Stock Portfolio</td>
</tr>
<tr>
<td>Thrivent Partner Healthcare Subaccount</td>
<td>Thrivent Partner Healthcare Portfolio</td>
</tr>
<tr>
<td>Thrivent Real Estate Securities Subaccount</td>
<td>Thrivent Real Estate Securities Portfolio</td>
</tr>
<tr>
<td>Thrivent Small Cap Growth Subaccount</td>
<td>Thrivent Small Cap Growth Portfolio</td>
</tr>
<tr>
<td>Thrivent Small Cap Index Subaccount</td>
<td>Thrivent Small Cap Index Portfolio</td>
</tr>
<tr>
<td>Thrivent Small Cap Stock Subaccount</td>
<td>Thrivent Small Cap Stock Portfolio</td>
</tr>
</tbody>
</table>

10
The following table summarizes each Portfolio’s investment objective:

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>Investment Objective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Aggressive Allocation Portfolio</td>
<td>To seek long-term capital growth.</td>
</tr>
<tr>
<td>Thrivent All Cap Portfolio</td>
<td>To seek long-term growth of capital.</td>
</tr>
<tr>
<td>Thrivent Balanced Income Plus Portfolio</td>
<td>To seek long-term total return through a balance between income and the potential for long-term capital growth.</td>
</tr>
<tr>
<td>Thrivent Diversified Income Plus Portfolio</td>
<td>To seek to maximize income while maintaining prospects for capital appreciation.</td>
</tr>
<tr>
<td>Thrivent ESG Index Portfolio</td>
<td>To seek to track the investment results of an index composed of companies selected by the index provider based on environmental, social and governance characteristics. The Portfolio’s investment objective may be changed without shareholder approval.</td>
</tr>
<tr>
<td>Thrivent Global Stock Portfolio</td>
<td>To seek long-term capital growth.</td>
</tr>
<tr>
<td>Thrivent Government Bond Portfolio</td>
<td>To seek total return, consistent with preservation of capital. The Portfolio’s investment objective may be changed without shareholder approval.</td>
</tr>
<tr>
<td>Thrivent High Yield Portfolio</td>
<td>To achieve a higher level of income, while also considering growth of capital as a secondary objective.</td>
</tr>
<tr>
<td>Thrivent Income Portfolio</td>
<td>To achieve a high level of income over the longer term while providing reasonable safety of capital.</td>
</tr>
<tr>
<td>Thrivent International Allocation Portfolio</td>
<td>To seek long-term growth of capital.</td>
</tr>
<tr>
<td>Thrivent International Index Portfolio</td>
<td>To seek total returns that track the performance of the MSCI EAFE Index.** The Portfolio’s investment objective may be changed without shareholder approval.</td>
</tr>
<tr>
<td>Thrivent Large Cap Growth Portfolio</td>
<td>To achieve long-term growth of capital.</td>
</tr>
<tr>
<td>Thrivent Large Cap Index Portfolio</td>
<td>To seek total returns that track the performance of the S&amp;P 500 Index*.</td>
</tr>
<tr>
<td>Thrivent Large Cap Value Portfolio</td>
<td>To achieve long-term growth of capital.</td>
</tr>
<tr>
<td>Thrivent Limited Maturity Bond Portfolio</td>
<td>To seek a high level of current income consistent with stability of principal.</td>
</tr>
<tr>
<td>Thrivent Low Volatility Equity Portfolio</td>
<td>To seek long-term capital appreciation with lower volatility relative to the global equity markets. The Portfolio’s investment objective may be changed without shareholder approval.</td>
</tr>
<tr>
<td>Thrivent Mid Cap Growth Portfolio</td>
<td>To seek long-term capital growth. The Portfolio’s investment objective may be changed without shareholder approval.</td>
</tr>
<tr>
<td>Thrivent Mid Cap Index Portfolio</td>
<td>To seek total returns that track the performance of the S&amp;P MidCap 400 Index*.</td>
</tr>
<tr>
<td>Thrivent Mid Cap Stock Portfolio</td>
<td>To seek long-term capital growth.</td>
</tr>
<tr>
<td>Portfolio</td>
<td>Investment Objective</td>
</tr>
<tr>
<td>-----------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Thrivent Mid Cap Value Portfolio</td>
<td>To seek long-term capital growth. The Portfolio's investment objective may be changed without shareholder approval.</td>
</tr>
<tr>
<td>Thrivent Moderate Allocation Portfolio</td>
<td>To seek long-term capital growth while providing reasonable stability of principal.</td>
</tr>
<tr>
<td>Thrivent Moderately Aggressive Allocation Portfolio</td>
<td>To seek long-term capital growth.</td>
</tr>
<tr>
<td>Thrivent Moderately Conservative Allocation Portfolio</td>
<td>To seek long-term capital growth while providing reasonable stability of principal.</td>
</tr>
<tr>
<td>Thrivent Money Market Portfolio</td>
<td>To achieve the maximum current income that is consistent with stability of capital and maintenance of liquidity.</td>
</tr>
<tr>
<td>Thrivent Multidimensional Income Portfolio</td>
<td>To seek a high level of current income and, secondarily, growth of capital. The Portfolio’s investment objective may be changed without shareholder approval.</td>
</tr>
<tr>
<td>Thrivent Opportunity Income Plus Portfolio</td>
<td>To seek a combination of current income and long-term capital appreciation.</td>
</tr>
<tr>
<td>Thrivent Partner Emerging Markets Equity Portfolio</td>
<td>To seek long-term capital growth.</td>
</tr>
<tr>
<td>Thrivent Partner Growth Stock Portfolio</td>
<td>To achieve long-term growth of capital and, secondarily, increase dividend income.</td>
</tr>
<tr>
<td>Thrivent Partner Healthcare Portfolio</td>
<td>To seek long-term capital growth.</td>
</tr>
<tr>
<td>Thrivent Real Estate Securities Portfolio</td>
<td>To seek to provide long-term capital appreciation and high current income.</td>
</tr>
<tr>
<td>Thrivent Small Cap Growth Portfolio</td>
<td>To seek long-term capital growth. The Portfolio’s investment objective may be changed without shareholder approval.</td>
</tr>
<tr>
<td>Thrivent Small Cap Index Portfolio</td>
<td>To seek capital growth that tracks the performance of the S&amp;P SmallCap 600 Index*.</td>
</tr>
<tr>
<td>Thrivent Small Cap Stock Portfolio</td>
<td>To seek long-term capital growth.</td>
</tr>
</tbody>
</table>

* The S&P 500, S&P MidCap 400, and S&P SmallCap 600 Indexes are products of S&P Dow Jones Indices LLC or its affiliates ("SPDJI"), and has been licensed for use by Thrivent Financial for Lutherans ("Thrivent"). Standard & Poor’s® and S&P® are registered trademarks of Standard & Poor’s Financial Services LLC ("S&P") and Dow Jones® is a registered trademark of Dow Jones Trademark Holdings LLC (“Dow Jones”). The trademarks have been licensed to SPDJI and have been sublicensed for use for certain purposes by Thrivent. Thrivent variable insurance products are not sponsored, endorsed, sold or promoted by SPDJI, Dow Jones, S&P, or any of their respective affiliates (collectively, “S&P Dow Jones Indices”). S&P Dow Jones Indices does not make any representation or warranty, express or implied, to the owners of the Thrivent variable insurance products or any member of the public regarding the advisability of purchasing variable insurance contracts generally or in the Thrivent variable insurance contracts particularly or the ability of the S&P 500, S&P MidCap 400, and S&P SmallCap 600 Indexes to track general market performance. S&P Dow Jones Indices only relationship to Thrivent with respect to the S&P 500, S&P MidCap 400, and S&P SmallCap 600 Indexes is the licensing of the Indexes and certain trademarks, service marks and/or trade names of S&P Dow Jones Indices and/or its licensors. The S&P 500, S&P MidCap 400, and S&P SmallCap 600 Indexes are determined, composed and calculated by S&P Dow Jones Indices without regard to Thrivent or the Thrivent variable insurance products. S&P Dow Jones Indices have no obligation to take the needs of Thrivent or the owners of the Thrivent variable insurance products into consideration in determining, composing or calculating the S&P 500, S&P MidCap 400, and S&P SmallCap 600 Indexes. S&P Dow Jones Indices is not responsible for and has not participated in the determination of the prices, and amount of the Thrivent variable insurance products or the timing of the issuance or sale of the Thrivent variable insurance contract or in the determination or calculation of the equation by which a Thrivent variable insurance product is to be converted into cash, surrendered or redeemed, as the case may be. S&P Dow Jones Indices has no obligation or liability in connection with the administration, marketing or trading of the Thrivent variable insurance product. There is no assurance that investment products based on the S&P 500, S&P
MidCap 400, and S&P SmallCap 600 Indexes will accurately track index performance or provide positive investment returns. S&P Dow Jones Indices LLC is not an investment advisor. Inclusion of a security within an index is not a recommendation by S&P Dow Jones Indices to buy, sell, or hold such security, nor is it considered to be investment advice.

**MSCI, Inc. (MSCI) makes no express or implied warranties or representations and shall have no liability whatsoever with respect to any MSCI data contained herein. The MSCI data may not be further redistributed or used as a basis for other indexes or any securities or financial products. This prospectus is not approved, endorsed, reviewed or produced by MSCI. None of the MSCI data is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such.**

Each Portfolio has its own investment objective, investment program, policies and restrictions. Although the investment objectives and policies of certain Portfolios may be similar to the investment objectives and policies of other Portfolios that we manage or sponsor or that an affiliate of ours may manage or sponsor, we do not represent or assure you that the investment results will be comparable to any other Portfolio, even where the investment adviser or manager is the same. Differences in portfolio size, actual investments held, fund expenses, and other factors all contribute to differences in Portfolio performance. For all of these reasons, you should expect investment results to differ. In particular, certain Portfolios available only through the Contract may have names similar to portfolios not available through the Contract. The performance of a Portfolio not available through the Contract does not indicate performance of the similarly named Portfolio available through the Contract.

Before selecting any Subaccount, you should carefully read the accompanying prospectus for the Fund attached to this prospectus and found in the back of this book. You should periodically consider your allocation among Subaccounts in light of current market conditions and your investment goals, risk tolerance and financial circumstances. The Fund prospectus provides more complete information about the Portfolios of the Fund in which the Subaccounts invest, including investment objectives and policies, risks, charges, and expenses.

Shares of the Fund are sold to other Portfolios of the Fund, to other insurance company separate accounts of ours, and to other insurance company separate accounts not affiliated with us. The Fund may, in the future, create new Portfolios. It is conceivable that in the future it may be disadvantageous for both variable annuity separate accounts and variable life insurance separate accounts to invest simultaneously in the Fund, although we do not foresee any such disadvantages to either variable annuity or variable life insurance contract owners. The Fund’s management intends to monitor events in order to identify any material conflicts between such contract owners and to determine what action, if any, should be taken in response. Material conflicts could result from, for example:

- Changes in state insurance laws;
- Changes in Federal income tax law;
- Changes in the investment management of the Fund; or
- Differences in voting instructions between those given by the contract owners from the different separate accounts.
If we believe the responses of the Fund to any of those events or conflicts insufficiently protects contract owners, we may take appropriate action on our own. Such action could include the sale of Fund shares by one or more of the separate accounts, which could have adverse consequences.

The Fund is a Minnesota corporation registered with the SEC under the 1940 Act as an open-end management investment company (commonly called a “mutual fund”). That registration does not involve supervision by the SEC of the management or investment practices or policies of the Fund.

The Variable Account will purchase and redeem shares from the Fund at net asset value. Shares will be redeemed to the extent necessary for us to collect charges under the Contracts, to make payments upon surrenders, to provide benefits under the Contracts, or to transfer assets from one Subaccount to another as requested by contract owners. Any dividend or capital gain distribution received from a Portfolio of the Funds will be reinvested immediately at net asset value in shares of that Portfolio and retained as assets of the corresponding Subaccount.

Investment Management

Thrivent is investment adviser to the Fund. Thrivent is registered as an investment adviser under the Investment Advisers Act of 1940. Pursuant to the investment advisory agreement, Thrivent is responsible for determining which securities to purchase and sell, arranges the purchases and sales and helps formulate the investment program for the Portfolios. Thrivent implements the investment program for the Portfolios consistent with each Portfolio’s investment objectives, policies and restrictions. Thrivent and the Fund have engaged the following investment subadvisers:

<table>
<thead>
<tr>
<th>Subadviser</th>
<th>Portfolio Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goldman Sachs Asset Management, L.P.</td>
<td>Thrivent International Allocation Portfolio</td>
</tr>
<tr>
<td>Aberdeen Asset Managers Limited</td>
<td>Thrivent Partner Emerging Markets Equity Portfolio</td>
</tr>
<tr>
<td>T. Rowe Price Associates, Inc.</td>
<td>Thrivent Partner Growth Stock Portfolio</td>
</tr>
<tr>
<td>BlackRock Investment Management, LLC</td>
<td>Thrivent Partner Healthcare Portfolio</td>
</tr>
</tbody>
</table>

We, as investment adviser, pay each of the above subadvisers an annual fee for subadvisory services. Subadvisory fees are described fully in the Statement of Additional Information for the Fund.

Addition, Deletion, Combination, or Substitution of Investments

Where permitted by applicable law and business need, we reserve the right to make certain changes to the structure and operation of the Variable Account, including, among others, the right to:

♦ Remove, combine, or add Subaccounts and make the new Subaccounts available to you at our discretion;

♦ Substitute shares of another Portfolio, which may have differences such as (among other things) different fees and expenses, objectives, and risks, for shares of an existing Portfolio in which your Subaccount invests at our discretion;

♦ Substitute or close Subaccounts to allocations of premiums or Accumulated Value, or both, and to existing investments or the investment of future premiums, or both, at any time in our discretion;

♦ Transfer assets supporting the Contract from one Subaccount to another or from the Variable Account to another Variable Account;
INVESTMENT OPTIONS

- Combine the Variable Account with other variable accounts, and/or create new variable accounts;
- Deregister the Variable Account under the 1940 Act, or operate the Variable Account as a management investment company under the 1940 Act, or as any other form permitted by law; and
- Modify the provisions of the Contract to reflect changes to the Subaccounts and the Variable Account and to comply with applicable law.

The Portfolios, which sell their shares to the Subaccounts, also may terminate these arrangements and discontinue offering their shares to the Subaccounts. We will not make any changes without receiving any necessary approval of the SEC and applicable state insurance departments. We will notify you of any changes.

Income, gains and losses, whether or not realized, from the assets in each Subaccount are credited to or charged against that Subaccount without regard to any of our other income, gains or losses. The value of the assets in the Variable Account is determined at the end of each Valuation Date.

If investment in the Fund or in any particular Portfolio is no longer possible, in our judgment becomes inappropriate for the purposes of the Contract, or for any other reason in our sole discretion, we may close or combine any of the current Portfolios. We may close a Portfolio to new investment, but continue to allow current investors to add additional premium payments, or we may combine the Portfolio with another Portfolio. The substituted investment option may have different fees and expenses. We will not make any substitutions without receiving any necessary approval of the SEC and state insurance departments, if applicable. You will be notified of any substitutions. This notification will include the name of the Portfolio being modified, the approximate date of the shareholder vote, the date any combination will be completed (if approved and if applicable), the date that the Portfolio will be closed to new investment selections, the date that funds can no longer be applied to the Portfolio and the description of where the current value will move to (if applicable) and where future premium payments (if any) will be applied. Subaccounts may be opened, closed or substituted with regard to any of the following as of any specified date: 1) existing Accumulated Value; 2) future payments; and 3) existing and/or future owners. The Fund sells its shares to the Subaccounts pursuant to a participation agreement and may terminate the agreement and discontinue offering its shares to the Subaccounts.

In addition, we reserve the right to make other structural and operational changes affecting the Variable Account.

We do not guarantee any money you place in the Subaccounts. The value of each Subaccount will increase or decrease, depending on the investment performance of the corresponding Portfolio and fees and charges under the Contract. You could lose some or all of your money.

Voting Privileges

To the extent required by law, we will vote the Fund’s shares held in the Variable Account at regular and special shareholder meetings of the Fund in accordance with instructions received from persons having voting interests in the corresponding Subaccounts of the Variable Account. If, however, the 1940 Act or any regulation thereunder should be amended or if the present interpretation thereof should change, and as a result we determine that we are permitted to vote the Fund’s shares in our own right, we may elect to do so.

The number of votes which a contract owner or person entitled to receive Annuity Payments has the right to instruct will be calculated separately for each Subaccount. The number of votes which each contract owner has the right to instruct will be determined by dividing a Contract’s value in a Subaccount by the net asset value per share of the corresponding Portfolio in which the Subaccount invests. The number of votes which each person entitled to receive Annuity Payments has the right to instruct will be determined by dividing the Contract’s reserves in a Subaccount by the net asset value per share of the corresponding Portfolio in which the Subaccount invests. Fractional shares will be counted. The number of votes of the Portfolio which the contract owner or person entitled to receive Annuity Payments has the right to instruct will be determined as of the date coincident with the date established by the
Portfolio for determining shareholders eligible to vote at the meeting of the Fund. Voting instructions will be solicited by written communications prior to such meeting in accordance with procedures established by the Fund.

Any Portfolio shares held in the Variable Account for which we do not receive timely voting instructions, or which are not attributable to contract owners, will be voted by us in proportion to the instructions received from all contract owners. Any Portfolio shares held by us or our affiliates in General Accounts will, for voting purposes, be allocated to all separate accounts of ours and our affiliates having a voting interest in that Portfolio in proportion to each such separate account’s votes. Voting instructions to abstain on any item to be voted upon will be applied on a pro rata basis to reduce the votes eligible to be cast.

Each person having a voting interest in a Subaccount will receive proxy materials, reports and other materials relating to the appropriate Portfolio.

Fixed Account
You may allocate the premiums paid under the Contract and transfers from the Subaccounts to the Fixed Account. Any amounts allocated to the Fixed Account are invested in our general account assets. Because of exemptive and exclusionary provisions, interests in the Fixed Account have not been registered under the Securities Act of 1933 (“1933 Act”), and the Fixed Account has not been registered as an investment company under the Investment Company Act of 1940 (“1940 Act”). Accordingly neither the Fixed Account, nor any interests therein are generally subject to the provisions of the 1933 or 1940 Acts. Disclosures regarding the Fixed Account, however, may be subject to certain generally applicable provisions of the federal securities laws relating to the accuracy and completeness of statements in prospectuses. We have been advised that the staff of the Securities and Exchange Commission has not reviewed disclosure relating to the Fixed Account.

Contract owners have no voting rights in the Variable Account with respect to Fixed Account values.

A Maintenance of Solvency provision is a legal requirement of a fraternal benefit society. Please see Maintenance of Solvency for more information. The Maintenance of Solvency provision applies to the Fixed Account in this Contract. The provision is only invoked in the event the reserves of our fraternal benefit society become impaired. If our reserves become impaired, you may be required to make an extra payment. Our Board of Directors will determine the amount of any extra payment based on each member’s fair share of the deficiency. If the payment is not made, it will be charged as a debt against the Contract with an interest rate of 5% per year. You may choose an equivalent reduction in benefits instead of or in combination with the debt. Any indebtedness and interest charged against the Contract, or any agreement for a reduction in benefits, shall have priority over the interest of any owner, beneficiary, or collateral assignee under the Contract.

The Contract

Crediting and Allocating Your Premium Payment
You may allocate your premium to any Subaccount of the Variable Account and/or the Fixed Account. Your allocation must be in whole percentages and total 100% of the premium. You may not allocate less than $50 to any Subaccount or the Fixed Account. We will allocate your premium according to your allocation instructions on your application. If you do not designate premium allocation percentages, we will treat your application as not in good order. We reserve the right to limit the number of allocations to subaccounts and fixed account to no more than 40.

If your application is in good order, we will allocate the premium to your chosen Subaccount(s) and/or Fixed Account (or in certain states, to the Thrivent Money Market Subaccount, as discussed below) within two days of receipt of the completed application and premium at
our Service Center. If we determine the application is not in good order, we will attempt to complete the application within five business days. If the application is not complete at the end of this period, we will inform you of the reason for the delay and the premium will be returned immediately unless you specifically consent to our keeping the premium until the application is complete. We determine the annuity unit value (AUV) of each Subaccount at the close of regular trading on the New York Stock Exchange (generally 4 p.m., Eastern time). We do not purchase or redeem any annuity units on any day that Thrivent is not open for business. Requests received after the close of the New York Stock Exchange are processed the next Valuation Date.

Telephone and Online Transactions

You may perform certain transactions online or over the telephone.

We have adopted reasonable security procedures to ensure the authenticity of instructions, including requiring identifying information, recording telephone conversations and providing written confirmations of transactions. Nevertheless, we honor telephone instructions from any person who provides the correct identifying information. Be aware that there is a risk of possible loss to the contract owner if an unauthorized person uses this service in the contract owner’s name. Thrivent disclaims any liability for losses resulting from such transactions by not having been properly authorized. However, if Thrivent does not take reasonable steps to help ensure that such authorizations are valid, Thrivent may be liable for such losses. Certain circumstances may prevent you from conducting transactions including but not limited to the event of a disaster, equipment malfunction, or overload of telephone system circuits. Should circumstances prevent you from conducting a telephone or online transaction, we recommend you provide us with a written request. If due to malfunction or other circumstances, the recording of the contract owner’s telephone request is incomplete or not fully comprehensible, we will not process the transaction. We reserve the right to suspend or limit telephone and online transactions.

Owners can go online at www.thrivent.com to conduct online transactions or call the Service Center at (800) 847-4836 for telephone transactions.

Timely Processing

We will process all requests in a timely fashion. Requests received in good order prior to 4:00 p.m. Eastern Time (or sooner if the NYSE closes prior to 4:00 p.m. Eastern Time) on a Valuation Date will use the Accumulation Unit Value as of the close of regular trading on the NYSE on that Valuation Date. We will process requests received after that time using the Accumulation Unit Value as of the close of regular trading on the NYSE of the following Valuation Date. An online transaction payment will be applied on the effective date you select. This date can be the same day you perform the transaction as long as the request is received prior to 4:00 p.m. Eastern Time. The effective date cannot be a date prior to the date of the online transaction.

Once we issue your Contract, we will process payment of any amount due from any Subaccount within seven calendar days after we receive Notice. Payment may be postponed if the NYSE is closed. Postponement may also result for such other periods as the SEC may permit. Payment from the Fixed Account may be deferred up to six months.

Owners, Payees and Annuitants

You, as owner, are typically the recipient of all distributions under the Contract. Unless the owner is an entity, the owner is also the Annuitant. As owner, you can name beneficiaries, and make transfers between Subaccounts and to the Fixed Account. You will receive all Annuity Payments during the Annuitant’s lifetime, unless you designate another person or entity as the payee. Keep in mind that if you designate another person or entity as payee, you may still be responsible for any income tax payable on the payments.

In the event the Annuitant(s) dies during the guaranteed payment period, the death proceeds will be payable to the named beneficiary. We use the Annuitant’s life to determine the amount and duration of any Annuity Payments.

Under certain circumstances other entities, such as trusts, may purchase Thrivent products but are not eligible for membership.
Adult and Juvenile Contracts

We issue adult Contracts to applicants who are age 16 or older who become benefit members of Thrivent. We issue juvenile Contracts when the proposed Annuitant is younger than age 16, but is otherwise eligible for benefit membership. Juvenile Contracts will only be issued with a Fixed Period income.

In the case of the adult Contract, the Annuitant must be 16 years of age or older. Typically, the applicant of the Contract is the owner and Annuitant of the Contract. While the Annuitant is alive, the owner of the Contract may exercise every right and enjoy every benefit provided in the Contract. The person who applies for the Contract becomes a benefit member of Thrivent upon our approval of the membership application.

For the juvenile Contract, a juvenile is named as the Annuitant and owner of the Contract. However, because of age, the juvenile cannot exercise the rights of ownership. Therefore, an adult must apply on behalf of the juvenile and retain control over the Contract. The adult applicant controller exercises certain rights of ownership on behalf of the juvenile Annuitant. These rights are described in the Contract. The adult controller may transfer control to another eligible person, but cannot transfer ownership of the Contract.

Transfer of control to the juvenile Annuitant will take place at the first Contract Anniversary date following the earlier of:

- the Annuitant’s 21st birthday; or
- the Annuitant’s 16th birthday after the adult controller transfers control to the Annuitant in writing; or
- the death of the adult controller after the Annuitant’s 16th birthday.

If the person who has control of the Contract dies before the Annuitant gains control, control will be vested in an eligible person according to our bylaws. If we determine that it is best for the Annuitant, we may transfer control of the Contract to some other eligible person according to our bylaws.

Beneficiaries

You may name one or more beneficiaries to receive the death proceeds payable under the Contract, if any. If no beneficiary has been named or the beneficiary does not survive the Annuitant, the death proceeds will be paid to you, if living, otherwise to your estate (in accordance with applicable state law). Thrivent bylaws list persons eligible to be beneficiaries. You may designate beneficiaries as either first, second or third class. Unless otherwise specified, we will distribute death proceeds in the following order to beneficiaries:

- equally to the beneficiaries in the first class. If none are living, then;
- equally to the beneficiaries in the second class. If none are living, then;
- equally to the beneficiaries in the third class.

If a beneficiary dies within 15 days after the death of the Annuitant, we will consider the beneficiary to have died before the Annuitant for purposes of paying the death proceeds.

Assignment of Ownership

The Contract cannot be sold, assigned, discounted, or pledged as collateral for a loan or as surety for performance of an obligation or for any other purpose.
**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the fund to process contract owner redemptions, and negatively impact fund performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the fund.
Selecting an Annuity Payment Option

The annuity payment option specifies the type of annuity to be paid and determines how long the annuity will be paid, the frequency of payment, and the amount of the first Annuity Payment. You must select the Annuity Payment option when applying for the Contract. You may not change the type of Annuity Payment option once we issue the Contract.

If you choose a life income payment option, you must elect to characterize your Contract and its Annuity Payments as either revocable or irrevocable. (However, some states do not allow the characterization of a Contract as revocable.) For all other payment options, your Contract will be revocable. If you elect the irrevocable option, you cannot later change the Annuity Payments, or receive a withdrawal or surrender from the Contract. If you elect the irrevocable option, you cannot later change to the revocable option once we issue the Contract. If your Contract is revocable you can:

- change the duration of the guaranteed payment period (to a shorter period);
- receive withdrawals; and
- surrender the Contract.

If your Contract is revocable and you have chosen a life income payment option, you can later characterize your Contract as irrevocable. However, once you characterize your Contract as irrevocable, you cannot later change it to a revocable Contract once the change is made.

If you do not have any other sources of funds for emergencies or other financial needs which may arise, an irrevocable Contract may be inappropriate for you. In addition, even though you can take withdrawals from or surrender a revocable Contract, a revocable Contract may be inappropriate for you if you intend on taking additional withdrawals from or surrendering the Contract, particularly in the short term. Withdrawals or surrenders from a revocable Contract result in the assessment of indirect withdrawal or surrender charges, and the calculation of new commuted values. See Contract Fees and Charges for more information regarding the calculation of commuted values and the assessment of indirect withdrawal or surrender charges.

Annuity Payment Options

Fixed Period Income

Subject to our approval, we make Annuity Payments at regular intervals for a fixed number of payments, not to exceed 30 years. We call this payment period the “guaranteed payment period.” At the end of the guaranteed payment period, all of the Annuity Payments will have been paid, the commuted value of the Contract will be zero, and the Contract will terminate.

Life Income with Guaranteed Payment Period

We make Annuity Payments at regular intervals for the lifetime of the Annuitant. If the Annuitant dies during the guaranteed payment period, we will continue payments to the beneficiary to the end of the guaranteed payment period. You may generally choose a guaranteed payment period of 0 to 30 years at the time...
we issue the Contract. The amount of the payments depends upon the sex and age of the Annuitant, at the time we issue the Contract. If you select a shorter guaranteed payment period, you will receive larger Annuity Payments. Both the commuted value and death proceeds, however, will be smaller if the guaranteed payment period is shorter. If you die after the end of the guaranteed payment period, no death proceeds will be payable. Also, no surrenders or withdrawals are permitted after the end of the guaranteed payment period. If you have poor health or have a shortened life expectancy, you may want to consider selecting a longer guaranteed payment period.

**Joint and Survivor Life Income with Guaranteed Payment Period**

We make Annuity Payments at regular intervals for the lifetime of both Annuitants. The Annuitants will also own the Contract as joint owners. For an IRA or qualified plan, the IRA owner or qualified plan will remain the owner. Upon the death of one of the Annuitants, we will continue payments for the lifetime of the surviving Annuitant. If both Annuitants die during the guaranteed payment period, we will continue payments to the beneficiary to the end of that period. You may generally choose a guaranteed payment period of 0 to 30 years at the time of issue. You may also choose to have the Annuity Payment reduced after the death of the first Annuitant. The Annuity Payment may be reduced by a factor of \( \frac{1}{2} \), \( \frac{1}{3} \), or \( \frac{1}{4} \). We will reduce the payments immediately after the later of the first death of one of the Annuitants and the end of the guaranteed payment period. A higher reduction amount will result in a higher payment while both Annuitants are alive. The amount of the payments depends upon the age and sex of the Annuitants at the time of issue.

**Annuity Payment Dates**

Annuity Payments may be made monthly, quarterly, semi-annually and annually. In addition, payments may be made annually but paid monthly. Under this payment option, the Annuity Payment will be distributed from the variable Subaccounts annually, but will be placed in the Fixed Account to earn interest. We will then make monthly payments from the Fixed Account for the remainder of the year.

You may select the Annuity Payment Date. If you do not select a payment date, the Annuity Payment Date will be the same day of the month as the Issue Date. In the event that you do not select a payment frequency, Annuity Payments will be made monthly. Once you select the Annuity Payment frequency or the Annuity Payment Date, neither may be changed.

After the first Annuity Payment, we compute subsequent payments on the date you elect to receive Annuity Payments.

**Fixed Account Annuity Payments**

You may choose to deposit some or none of your premium in the Fixed Account portion of the Contract.

Premiums deposited in the Fixed Account will fund guaranteed periodic payments. We will determine the guaranteed Annuity Payment at the time we issue the Contract. We may pay more than the guaranteed Annuity Payment if the investment experience of the Fixed Account is more favorable than the guaranteed interest rate shown in the Contract. We may also pay more than the guaranteed payment if our mortality experience or administration expenses are favorable. We may change the amount of the Fixed Account Annuity Payment at any time, but will not pay an amount lower than the guaranteed payment.

Premiums placed in the Fixed Account may not be transferred to the Subaccounts.

**Variable Annuity Payments**

**First Variable Annuity Payment**

Variable Annuity Payments are periodic payments we make, the amount of which varies from one Annuity Payment Date to the next as a function of the net investment performance of the Subaccounts you selected. The dollar amount of the first variable Annuity Payment depends on the Annuity Payment option chosen, the age of the Annuitant, the gender of the Annuitant (if applicable), the amount of premium applied to purchase the variable Annuity Payments, and an assumed investment return that you select.
The dollar value of the first variable Annuity Payment is the sum of the first variable Annuity Payments attributable to each Subaccount. The dollar amount of the first total Annuity Payment is the sum of the first variable Annuity Payment and the Fixed Account Annuity Payment.

The first payment is made at the time of issue. The second payment is made on the next Annuity Payment Date. However, if this results in the second payment being received in the same month as the Issue Date, the second payment will be made on the requested date of the next Annuity Payment thereafter.

**Annuity Units**

We initially determine the number of annuity units for each Subaccount on the Issue Date. We calculate the number of annuity units for each Subaccount by dividing the amount of the first variable Annuity Payment allocable to that Subaccount by the annuity unit value for that Subaccount on the Issue Date. The number of annuity units attributable to each Subaccount under a Contract remains fixed unless there is a transfer of annuity units between Subaccounts.

**Subsequent Variable Annuity Payments**

We determine the dollar amount of each subsequent variable Annuity Payment attributable to each Subaccount by multiplying the number of annuity units of that Subaccount by the annuity unit value for that Subaccount for the Valuation Period ending on the Annuity Payment Date, or during which the Annuity Payment Date falls. We aggregate the subsequent variable Annuity Payments for each Subaccount to determine the variable Annuity Payment. When an Annuity Payment Date would fall on a day that is not a Valuation Date, we calculate the variable Annuity Payment as of the Valuation Date immediately preceding what would have been the Annuity Payment Date.

The annuity unit value of each Subaccount for any Valuation Period is equal to:

- The annuity unit value for the preceding Valuation Period; multiplied by the Subaccount investment factor for the current Valuation Period; multiplied by

- A daily discount factor which adjusts the annuity unit value to reflect the assumed investment return. This factor is compounded to reflect the number of days in the Valuation Period.

**Subaccount Investment Factor**

The Subaccount investment factor for any Valuation Period is equal to:

- The net asset value of the corresponding Portfolio at the end of the Valuation Period;
- Plus the amount of any dividend, capital gain or other distribution paid by the Portfolio if the “ex-dividend” date occurs during the Valuation Period;
- Plus or minus any cumulative credit or charge for taxes reserved from the operation of the portfolio;
- Minus the dollar amount of the mortality and expense risk charge we deduct each day in the Valuation Period; and
- Divided by the net asset value of the corresponding Portfolio at the beginning of the Valuation Period.

**Assumed Investment Return**

The annuity unit value for each Subaccount will increase or decrease from one Annuity Payment Date to the next in direct proportion to the net investment return of that Subaccount less an adjustment for assumed investment return that you selected. The purpose of the adjustment is to ensure the annuity unit value only changes when the Subaccount investment factor represents a rate of return greater than or less than the assumed investment return you selected.

The Contract permits you to select one of three assumed investment returns: 3%, 4% or 5%. A higher assumed investment return will result in a higher initial payment, a more slowly rising series of subsequent payments when actual investment performance (annualized, less deductions and expenses) exceeds the assumed investment return, and a more rapid drop in subsequent payments when actual investment performance (annualized, less any deductions and expenses) is less than the assumed investment return.
For example, if you select a 5% assumed investment return and if the net investment return of the Subaccount is equal to 5% annualized, the variable Annuity Payment attributable to that Subaccount for that period will be the same as the previous variable Annuity Payment. To the extent that the Subaccount’s net investment return exceeds an annualized rate of return of 5% for a payment period, the variable Annuity Payment for that period will be more than the previous variable Annuity Payment. To the extent that the Subaccount’s return is less than an annualized rate of 5%, the variable Annuity Payment for that period will be less than the previous variable Annuity Payment.

TRANSMIT AMONG SUBACCOUNTS AND/OR THE FIXED ACCOUNT

Except for certain restrictions mentioned below, you may transfer the annuity units of one or more Subaccounts to one or more other Subaccounts and/or the Fixed Account. We will process requests for transfer that we receive in good order at our Service Center before 4:00 p.m. Eastern Time as of the close of business on that Valuation Date. We will process requests we receive at our Service Center after that time as of the close of business on the following Valuation Date.

To accomplish a transfer from a Subaccount, we will redeem the annuity units in that Subaccount and reinvest that value in annuity units of the other Subaccounts and/or the Fixed Account you specified. We impose the following restrictions on transfers:

♦ You may make up to twelve transfers in each Contract Year. We consider all amounts transferred in the same Valuation Period to be one transfer. It is not dependent upon the number of originating or destination Subaccounts.
♦ You may not transfer from the Fixed Account.

TRANSFERS AMONG SUBACCOUNTS

Frequent Trading Policies

Because short-term or frequent transfers, purchases and redemptions of Contract value among Subaccounts pose risks to contract owners, we place limits on frequent trading practices. Such risks include potentially impaired investment performance due to disruption of portfolio management strategies, increased transactions costs, and dilution of fund shares (and therefore unit values) thereby negatively impacting the performance of the corresponding Subaccount.

We have policies and procedures to discourage frequent transfers of value among Subaccounts. We use reasonable efforts to apply the policies and procedures uniformly. Several different tactics are used to detect and prevent excessive trading within the Subaccounts.

As described in other sections, we impose a fee if the transfers made within a given time period exceed a maximum contractual number. See Fee Tables.

We also use a combination of monitoring Contract Owner activity and further restricting certain contract owner transfers based on a history of frequent transfers among Subaccounts. When monitoring contract owner activity, we may consider several factors to evaluate transfer activity including, but not limited to, the amount and frequency of transfers, the amount of time between transfers and trading patterns. In making this evaluation, we may consider trading in multiple Contracts under common ownership or control.
We reserve the right, in our sole discretion, to identify other trading practices as abusive.

If we determine that you are engaging in excessive trading activity, we will request that you cease such activity immediately. If we determine that you are continuing to engage in excessive trading, we will restrict your Contract so that you can make transfers on only one business day each calendar month and any such transfers must be separated by at least 20 calendar days. We reserve the right to reject or restrict any transfer request, without notice for any reason.

In addition, the underlying Portfolios may have adopted restrictions designed to discourage frequent trading practices, and we reserve the right to enforce these policies and procedures.

Although we seek to deter and prevent frequent trading practices, there are no guarantees that all activity can be detected or prevented. Contract owners engaging in such trading practices use an evolving variety of strategies to avoid detection and it may not be possible for operational and technological systems to reasonably identify all frequent trading activity. Contract owners still may be subject to their harmful effects if Thrivent is unable to detect and deter abusive trading practices.

SURREndERS AND WITHDRAWALS

You may be able to withdraw or surrender the Contract if you elect the revocable life income payment option at the time you purchase your Contract. However, you may not surrender or withdraw from the Contract if you elect the irrevocable life income payment option.

If you elected the revocable life income payment option, you may surrender the Contract at any time while an Annuitant is alive and the payment option is within the period certain. If you elected a fixed period income, you may withdraw up to the commuted value of the Contract. If you elected a Single or Joint Life Income, you may withdraw up to the commuted value of the Contract less all previous withdrawals. Withdrawals decrease subsequent Annuity Payments. To completely surrender the Contract you must submit a signed Written Request on an approved surrender form to our Service Center.

The surrender or withdrawal will not be processed until we receive your surrender request in good order at our Service Center. We do not accept telephone requests for full surrenders. We must receive a withdrawal or surrender request by 4:00 p.m. Eastern Time on a Valuation Date in order to process it on the same day.

We will send your withdrawal or surrender amount by electronic funds transfer to the financial institution that you request or by check to address of record.

Generally, we will pay you the requested withdrawal or surrender amount within seven days of our receipt of your request. In certain cases we may postpone payment of your withdrawal or surrender beyond the seven days. Please see Postponement of Payments for more information.

You may select the source of a withdrawal by specifically indicating the Subaccount or Fixed Account. However, we must agree to any selection. If you request a withdrawal and do not specify the source of the withdrawal (the specific Subaccount(s) or Fixed Account), we will take the withdrawal on a pro rata basis from each Subaccount and the Fixed Account. You may not withdraw less than $1,000 at one time. If you take a withdrawal, we will issue you a supplemental Contract for the remaining Annuity Payments.

You must have a Medallion Signature Guarantee if you want to surrender or withdraw a value of $500,000 or more. Certain surrender requests of less than $500,000 require either a Medallion Signature Guarantee, a
notarized signature, or an attestation of your signature by a financial professional. These authentication procedures are designed to protect against fraud. Such an authentication procedure may be required for:

- Surrender of a value of $100,000 or more;
- Request to withdraw or surrender if there has been a change of address on the account within the preceding 15 days; and
- Certain other transactions as determined by us.

A Medallion Signature Guarantee is a stamp provided by a financial institution that guarantees your signature. You sign the Thrivent approved form and have the signature(s) guaranteed by an eligible guarantor institution such as a commercial bank, trust company, brokerage firm, credit union, or a savings bank participating in the Medallion Signature Guarantee Program. We may waive the Medallion Signature Guarantee in limited circumstances. A Notary Public is an individual who is authorized to authenticate signatures and can be found in law firms or many of the same places that an individual who provides Medallion Signature Guarantees can be found. Attestation by a financial professional requires the verification and witness of your signature by a financial professional.

A partial surrender or surrender may result in adverse tax consequences, including the imposition of a 10% federal premature distribution penalty. For all surrenders, you should consider the tax implications of a surrender before you make a surrender request. See Federal Tax Status.

For more complete instructions pertaining to your individual circumstances, please contact our Service Center at (800) 847-4836.
DEATH OF THE OWNER AND/OR ANNUITANT

If you are a joint Annuitant and joint owner, and die during the guaranteed payment period, we will continue making payments to the surviving joint owner, if any. The surviving joint owner, if any, will become the sole Annuitant and owner. If you are a joint Annuitant and joint owner and die after the end of the guaranteed payment period, we will make payments to the surviving joint owner, if any, based upon the reduction factor you selected.

If you are the only Annuitant and owner and die during the guaranteed payment period, we will continue making payments to your beneficiary for the remainder of the guaranteed payment period, if any. Your beneficiary will have the option of receiving the commuted value as a single lump sum in lieu of continuing to receive payments.

If you are the only Annuitant and owner and die after the guaranteed payment period, no death proceeds would be payable.

If the owner is an entity, upon the Annuitant’s death, we will continue making payments to the beneficiary for the remainder of the guaranteed payment period, if any. Generally, the owner will also be the beneficiary. The beneficiary will have the option of receiving the commuted value as a single lump sum in lieu of continuing to receive payments. If the Annuitant died after the guaranteed payment period, no death proceeds would be payable.

Upon your death, any remaining Annuity Payments will be distributed at least as rapidly as under the method of distribution being used as of the date of your death.

CONTRACT FEES AND CHARGES

We may profit from one or more of the charges deducted under the Contract. We may use these profits for any corporate purpose, including financing the distribution of the Contracts.

Withdrawal or Surrender Charge

There is no sales charge deducted from your premium payment. There also is no direct withdrawal or surrender charge applicable to the Contract, but if you withdraw from or surrender the Contract, we will pay you the commuted value of the Contract. We calculate the commuted value you receive for the Fixed Account using an interest rate that is 0.5% higher than the rate...
used to determine the Annuity Payments. For variable Subaccounts, we currently use an interest rate that is 0.5% greater than the assumed investment return that you selected. Since we use a higher interest rate in calculating the commuted value, the Contract has an indirect withdrawal and surrender charge. Also, the amount that you will receive upon a withdrawal or surrender of the Contract will be less than you would have received had you chosen to continue receiving Annuity Payments. While there is no direct surrender charge, the computation of the commuted value assumes an indirect charge that varies with each situation. However, this indirect charge will never exceed 9%.

Transfer Charge
You may make twelve free transfers in each Contract Year. We will charge you $25 for each subsequent transfer.

Mortality and Expense Risk Charge
To compensate us for assuming mortality and expense risks, we deduct a daily mortality and expense risk charge from the net assets of each Subaccount in the Variable Account. We impose a mortality and expense risk charge at an annual rate of 1.25% of the average daily net assets of such Subaccount in the Variable Account for the mortality and expense risks it assumes under the Contract.

In assuming the mortality risk, we incur the risks that our actuarial estimate of mortality rates may prove erroneous, and Annuitants will live longer than expected. If the mortality and expense risk charge and other charges under a Contract are insufficient to cover the actual mortality costs and administrative expenses incurred by us, we will bear the loss. Conversely, if the mortality and expense risk charge proves more than sufficient, we will keep the excess for any proper corporate purpose including, among other things, payment of sales expenses. We expect to make a profit from this charge.

Notwithstanding this charge, contract owners may be asked to add money under the Maintenance of Solvency provision described in General Information About the Contract – Maintenance of Solvency section.

Miscellaneous
Because the Variable Account purchases shares of the Fund, the net assets of the Variable Account will reflect the investment advisory fees or other expenses incurred by the Fund. See Fee and Expense Tables and the accompanying current prospectus of the Fund.

We reserve the right to impose charges or establish reserves for any federal or local taxes that we incur today or may incur in the future and that we deem attributable to the Contract.

Taxes
Currently, we do not assess a charge against the Variable Account for federal income taxes or state premium taxes. We may assess such a charge in the future if income or gains within the Variable Account result in any federal income tax liability to us or we become subject to state premium taxes. Charges for any other taxes attributable to the Variable Account may also be made. See Federal Tax Status.
The Entire Contract
The entire Contract between you and us consists of:
- the Contract;
- the application;
- endorsements or amendments, if any; and
- the Thrivent Articles of Incorporation and Bylaws in force as of the Issue Date of your Contract.

We treat any statements you make in the application as representations and not warranties. We will not use a statement to void the Contract or to deny a claim unless it appears in the application. No representative of ours except the president or the secretary may change any part of the Contract on our behalf. We will not be able to contest the Contract after it has been in effect for two years from its Issue Date, provided that the Annuitant is still living.

Gender Neutral Benefits
In 1983, the U.S. Supreme Court held in Arizona Governing Committee v. Norris that the application of sex-distinct actuarial tables to employees based upon their gender in calculating the amount of retirement benefits violates Title VII of the Civil Rights Act of 1963. Because of this decision, employer-sponsored retirement plans may not use sex-distinct actuarial annuity rates in determining benefits.

Generally, annuity payments described in this Prospectus are determined using sex-distinct actuarial tables based on the Annuitant’s gender. However, annuity payments will be based on a gender neutral basis for the following:
- Contracts used in an employer sponsored retirement plan;
- Contracts issued in Massachusetts (beginning January 1, 2009); and
- Contracts issued in Montana (beginning October 1, 1985).

State Variations
Any state variations in the Contract are covered in a special policy form for use in that state. This Prospectus provides a general description of the Contract. Your actual Contract and any endorsements are the controlling documents. If you would like to review a copy of the Contract and endorsements, contact our Service Center.

Reports to Contract Owners
At least annually, we will mail you a report showing the Annuity Payments for your Contract as of a date not more than two months prior to the date of mailing and any further information required by any applicable law. We will mail your report to your last known address unless prior mailings have been returned undeliverable to us. We will make a reasonable effort in these situations to locate you in order to continue mailing your report and other related documents. Please notify the Service Center if your address has changed.

Postponement of Payments
We may defer payment of any surrender, death benefit or annuity payment amounts that are in the Variable Account if:

1. The New York Stock Exchange is closed other than customary weekend and holiday closings, or trading on the New York Stock Exchange is restricted as determined by the SEC, or
2. An emergency exists, as determined by the SEC, as a result of which disposal of securities is not reasonably practicable or it is not reasonably practicable to determine the value of the Variable Account’s net assets.

Transfers and allocations among the Subaccounts and the Fixed Account may also be postponed under these circumstances.

Anti-Money Laundering
In order to protect against the possible misuse of our products in money laundering or terrorist financing, we have adopted an anti-money laundering program satisfying the requirements of federal law. Among other things, this program requires us, our financial
professionals and customers to comply with certain procedures and standards that serve to ensure that our customers' identities are properly verified and that premiums are not derived from improper sources. We reserve the right to verify any information received by accessing information maintained in databases internally or externally.

Applicable laws designed to prevent terrorist financing and money laundering might in certain circumstances, require us to block certain transactions until we receive authorization from the appropriate regulator.

Our anti-money laundering program is subject to change without notice to account for changes in applicable laws or regulations. We may also make changes as a result of our ongoing assessment of exposure to illegal activity.

**Maintenance of Solvency**

The maintenance of solvency provision is a legal requirement of a fraternal benefit society. The provision is only invoked in the event the reserves of a fraternal benefit society become impaired.

This provision applies only to values in the Fixed Account.

If our reserves become impaired, you may be required to make an extra payment. Our Board of Directors will determine the amount of any extra payment based on each member’s fair share of the deficiency. If the payment is not made, it will be charged as a debt against the Contract with an interest rate of 5% per year. You may choose an equivalent reduction in benefits instead of or in combination with the debt. Any indebtedness and interest charged against the Contract, or any agreement for a reduction in benefits, shall have priority over the interest of any owner, beneficiary, or collateral assignee under the Contract.
HOW TO CONTACT US

Telephone:
1-800-847-4836

Internet:
Thrivent.com

Fax:
1-800-225-2264

Transfers, Surrenders, or Withdrawals:
Thrivent
P.O. Box 8075
Appleton, WI 54912-8075

Express Mail:
Thrivent
4321 N. Ballard Road
Appleton, WI 54919-3400

For Wire Transfer Instructions,
Please contact 1-800-847-4836

FEDERAL TAX STATUS

General
The following discussion of the federal income tax treatment of the Contract is not exhaustive, does not purport to cover all situations, and is not intended as tax advice. The federal income tax treatment of the Contract is unclear in certain circumstances, and a qualified tax advisor should always be consulted with regard to the application of law to individual circumstances. This discussion is based on the Code, Treasury Department regulations, and interpretations existing on the date of this Prospectus. These authorities, however, are subject to change by Congress, the Treasury Department, and judicial decisions.

This discussion does not address any federal estate or gift tax consequences, or any state or local tax consequences, associated with the Contract. In addition, we make no guarantee regarding any tax treatment—federal, state, or local—of any Contract or any transaction involving a Contract.

Tax Status of the Variable Account
The Variable Account is not separately taxed as a “regulated investment company” under the Code, but rather is treated as our separate account. Under current law, both the investment income and realized capital gains of the Variable Account (i.e., the income and capital gains distributed to the Variable Account by the Fund) are reinvested without taxation to us. However, we reserve the right in the future to make a charge against the Variable Account or the Contract for any federal, state, or local income taxes that we incur and determine to be attributable to the Variable Account or the Contract.

Taxation of Annuities in General
The following discussion assumes that the Contract is not used in connection with a Qualified Plan.

Tax Treatment as an Annuity
Under current law, a Contract is eligible to be taxed as an annuity contract as described below only if certain requirements are met. These requirements are: (1) the investments of the Variable Account are “adequately diversified” in accordance with Treasury Department regulations; (2) the Company, rather than the contract owner, is considered the owner of the assets of the Variable Account for federal income tax purposes; and (3) the contract owner is an individual, an individual is treated as the contract owner for tax purposes, or another exception in the tax law (such as the exception for an “immediate annuity”) applies.
Diversification Requirements. The Code and Treasury Department regulations prescribe the manner in which the investments of a segregated asset account, such as the Variable Account, are to be “adequately diversified.” If the Variable Account fails to comply with these rules, the Contract will not be treated as an annuity Contract for federal income tax purposes, with the result that the contract owner may be subject to income tax treatment that is more adverse than described below. We expect that the Variable Account, through the Fund, will comply with these rules.

Ownership Treatment. In certain circumstances, variable annuity contract owners may be considered the owners, for federal income tax purposes, of the assets of a segregated asset account used to support their Contracts. In those circumstances, the account’s income and gains would be currently includible in the contract owners’ gross income. The Internal Revenue Service (the “IRS”) has stated in published rulings that a variable contract owner will be considered the owner of the assets of a segregated asset account if the owner possesses incidents of ownership in those assets, such as the ability to exercise investment control over the assets.

The ownership rights under the Contract are similar to, but different in certain respects from, the ownership rights described in IRS rulings in which the contract owners were determined not to be the owners of the assets of a segregated asset account. For example, the contract owner has the choice of more investment options to which to allocate the single premium payment and to reallocate annuity unit values than were addressed in those rulings. These differences could result in the contract owner being treated as the owner of all or a portion of the assets of the Variable Account and thus subject to current taxation on the income and gains from those assets. In addition, we do not know what standards will be set forth in any further regulations or rulings which the Treasury Department or the IRS may issue. We therefore reserve the right to modify the Contract as necessary to attempt to prevent contract owners from being considered the owners of the assets of the Variable Account. However, there is no assurance that such efforts would be successful.

Contracts Not Owned by Individuals. As a general rule, Contracts held by “nonnatural persons” such as a corporation, trust, or other similar entity are not treated as annuity contracts for federal tax purposes. The income on such Contracts (as defined in the tax law) is taxed as ordinary income that is received or accrued by the contract owner during the taxable year. However, this rule generally will not apply to a Contract held by a trust or other entity which holds the Contract as an agent for a natural person. In addition, this rule will not apply to a Contract purchased with a single premium payment when the annuity starting date is no later than one year from the purchase of the Contract and substantially equal periodic payments are made, not less frequently than annually, during the annuity income period. The rule also will not apply to: (1) a Contract acquired by the estate of a decedent by reason of the death of the decedent; (2) Contracts used in connection with certain Qualified Plans; (3) Contracts purchased by employers upon the termination of certain Qualified Plans; and (4) certain Contracts used in connection with structured settlement agreements.

Distribution Requirements. The Code requires that nonqualified Contracts contain specific provisions for distribution of proceeds upon the death of any owner. In order to be treated as an annuity Contract for federal income tax purposes, the Code requires that such Contracts provide that if any owner dies on or after the annuity commencement date and before the entire interest in the Contract has been distributed, the remaining portion must be distributed at least as rapidly as under the method in effect on such owner’s death. Under the Contract, the beneficiary is the designated beneficiary of an owner/Annuitant and the successor owner is the designated beneficiary of an owner who is not the Annuitant. If any owner is not a natural person, then for purposes of these distribution requirements, the primary Annuitant shall be treated as an owner and any death or change of such primary Annuitant shall be treated as the death of an owner. The nonqualified Contracts contain provisions intended to comply with these requirements of the Code.

The remainder of this discussion assumes that the Contract will be treated as an annuity contract for federal income tax purposes.
**Taxation of Annuity Income Payments**

Normally, the portion of each annuity income payment includible in income for federal tax purposes is the excess of the payment over an exclusion amount. In the case of variable income payments, this exclusion amount is the investment in the Contract (defined above) allocated to the Variable Account when payments begin, adjusted for any period certain or refund feature, divided by the number of payments expected. In the case of fixed income payments, the exclusion amount is determined by multiplying (1) the payment, by (2) the ratio of the investment in the Contract allocated to our Fixed Account, adjusted for any period certain or refund feature, to the total expected amount of annuity income payments. For this purpose, the expected number or amount of annuity income payments is determined by Treasury Department regulations which take into account the Annuitant's life expectancy and the form of annuity benefit selected. Also, the investment in the contract at any time equals the single premium paid for the Contract less any amounts received from the Contract up to that time which were excludable from income.

Once the total amount of the investment in the Contract is excluded using the above formulas, annuity income payments will be fully taxable. All amounts includible in income with respect to the Contract are taxed as ordinary income; no amounts are taxed at the lower rates currently applicable to long-term capital gains and corporate dividends. If annuity income payments cease because of the death of the Annuitant and before the total amount of the investment in the Contract is recovered, the unrecovered amount generally will be allowed as a deduction.

Income from annuities will be subject to the Medicare Tax on Investment Income. This tax will be imposed on individuals with a modified adjusted gross income (MAGI) of more than $200,000 and joint filers with an MAGI of more than $250,000. Generally, the tax rate will be 3.8% of the lesser of the net investment income or the amount the MAGI exceeds the threshold amount.

**Penalty Tax on Premature Distributions**

Technically, the amount of any payment from the Contract that is includible in income is subject to a 10% penalty tax. However, this penalty tax does not apply to any payment: (1) received on or after the Contract Owner attains age 591⁄2; (2) attributable to the Contract Owner becoming disabled (as defined in the tax law); (3) made on or after the death of the Contract Owner or, if the Contract Owner is not an individual, on or after the death of the primary annuitant (as defined in the tax law); (4) that is part of a series of substantially equal periodic payments, not less frequently than annually, for the life or life expectancy of the Contract Owner or the joint lives or joint life expectancies of the Contract Owner and a designated beneficiary (as defined in the tax law); or, (5) made under a Contract purchased with a single premium payment when the annuity starting date is no later than one year from the purchase of the Contract and substantially equal periodic payments are made, not less frequently than annually, during the annuity period.

**Taxation of Withdrawals and Surrenders**

In the case of a withdrawal, the amount received may be includible in income for federal tax purposes in whole or part. While the amount so includible is not entirely clear, it may equal the amount by which the commuted value of the Contract before the withdrawal exceeds the investment in the contract (defined above). In the case of a surrender, the amount received is includible in income to the extent that it exceeds the investment in the contract.

**Tax Treatment of Life Income with Guaranteed Payment Period After Annuitant's Death**

Where a guaranteed payment period exists under a life income option and the Annuitant dies before the end of that period, payments made to the beneficiary for the remainder of that period are includible in income as follows: (1) if received as the commuted value in a lump sum, the payment is includible to the extent that it exceeds the unrecovered investment in the contract; or (2) if distributed in accordance with the existing annuity income option, they are fully excluded from income until the remaining investment in the contract is deemed to be recovered, and all payments thereafter are fully includible in income.

**Income from annuities will be subject to the Medicare Tax on Investment Income. This tax will be imposed on individuals with a modified adjusted gross income (MAGI) of more than $200,000 and joint filers with an MAGI of more than $250,000. Generally, the tax rate will be 3.8% of the lesser of the net investment income or the amount the MAGI exceeds the threshold amount.**
**Exchanges of Annuity Contracts**

We may issue the Contract in exchange for all or part of another annuity contract. Such an exchange will be income tax free if certain requirements are satisfied (a 1035 Exchange). If the exchange is tax free, the investment in the Contract immediately after the exchange will generally be the same as that of the annuity contract exchanged, increased by any additional premium payment made as part of the exchange. You should consult your tax advisor in connection with an exchange of all or part of an annuity contract for the Contract.

**Qualified Plans**

The Contracts also are designed for use with several types of Qualified Plans. Participants under such Qualified Plans as well as contract owners, Annuits, and beneficiaries are cautioned that the rights of any person to any benefits under such Qualified Plans may be subject to the terms and conditions of the plans themselves regardless of the terms and conditions of the Contracts issued in connection with them. Those who intend to use the Contract in connection with Qualified Plans should seek competent advice.

The tax rules applicable to Qualified Plans, and to a Contract when used in connection with a Qualified Plan, vary according to the type of plan and the terms and conditions of the plan itself, and they take precedence over the general annuity tax rules described above. For example, for annuity income payments, withdrawals, and surrenders under Contracts used in Qualified Plans, there may be no “investment in the contract,” with the result that the total amount received may be includible in income. The includible amount is taxed at ordinary income tax rates, and a 10% penalty tax also may apply. Exceptions to this penalty tax vary depending on the type of Qualified Plan involved; in the case of an Individual Retirement Annuity (discussed below), exceptions comparable to those described above are available.

The following briefly describes certain types of Qualified Plans in connection with which we may issue a Contract.

**Traditional IRAs.** Section 408 of the Code permits eligible individuals to contribute to an Individual Retirement Account or an Individual Retirement Annuity (collectively known as an “IRA”). IRAs are subject to limits on the amounts that may be contributed and deducted, on the persons who may be eligible to do so, and on the time when distributions may commence. Also, subject to certain requirements discussed below, you may “roll over” distributions from certain Qualified Plans on a tax-deferred basis into an IRA.

**Roth IRAs.** Section 408A of the Code permits eligible individuals to contribute to a type of IRA known as a “Roth IRA.” Roth IRAs are generally subject to the same rules as non-Roth IRAs, but differ in several respects. Among the differences is that, although contributions to a Roth IRA are not deductible, “qualified distributions” (those that satisfy certain waiting and use requirements) from a Roth IRA will be excludable from income. Subject to certain restrictions, a distribution from an eligible employer-sponsored qualified plan may be directly moved to a Roth IRA. This movement is called a “qualified rollover contribution.”

**Section 403(b) Plans.** Section 403(b) of the Code permits public school employees and employees of certain types of charitable, educational, and scientific organizations to have their employers purchase annuity Contracts for them and, subject to certain limitations, to exclude the amount of premium payments from income for federal tax purposes. Subject to plan provisions, distributions from a Contract purchased under section 403(b) may be paid only when the employee reaches age 59 1/2, separates from service, dies, or becomes disabled, the 403(b) plan terminates, or in the case of financial hardship. As a result, the Contract Owner will not be entitled to exercise withdrawal or surrender rights under the Contract unless one of the above conditions is satisfied. For contracts maintained pursuant to an employer sponsored 403(b) plan, we may require the employer’s signature to process any requests for withdrawal, surrender, rollover or transfers to another contract.
Direct Rollovers

If your Contract is purchased under section 403(b) of the Code or is used in connection with certain other Qualified Plans, any “eligible rollover distribution” from the Contract will be subject to direct rollover and mandatory withholding requirements. An eligible rollover distribution generally is any taxable distribution from certain Qualified Plans (including from a Contract purchased under section 403(b)) excluding amounts such as minimum distributions required under the Code. Under these requirements, federal income tax equal to 20% of the eligible rollover distribution will be withheld from the amount of the distribution. Unlike withholding on certain other amounts distributed from the Contract, discussed below, the Contract owner cannot elect out of withholding with respect to an eligible rollover distribution. However, this 20% withholding will not apply if the distribution is directly rolled over to an IRA or to another eligible retirement plan.

Federal Income Tax Withholding

We will withhold and remit to the federal government a part of the taxable portion of each distribution made under a Contract unless the payee notifies us at or before the time of the distribution that he or she elects not to have any amounts withheld. In certain circumstances, we may be required to withhold tax. The withholding rates applicable to the taxable portion of annuity income payments (other than eligible rollover distributions made in connection with Qualified Plans) are the same as the withholding rates generally applicable to payments of wages. Further, a 10% withholding rate applies to the taxable portion of non-periodic payments (including withdrawals and surrenders), and as discussed above, the withholding rate applicable to eligible rollover distributions is 20%. Whether or not federal income tax is withheld, the contract owner (or other applicable taxpayer) remains liable for payment of federal income tax on Contract distributions.
LEGAL PROCEEDINGS

There are no legal proceedings to which the Variable Account is a party or to which the assets of the Variable Account are subject. Neither Thrivent nor Thrivent Investment Management Inc. is involved in any litigation that is of material importance in relation to their financial condition or that relates to the Variable Account.

FINANCIAL STATEMENTS

The financial statements of Thrivent and the Variable Account are contained in the Statement of Additional Information.
TABLE OF CONTENTS

♦ Introduction
♦ Principal Underwriter
♦ Standard and Poor’s Disclaimer
♦ Independent Registered Public Accounting Firm and Financial Statements

You may obtain a copy of the SAI and all other documents required to be filed with the SEC without charge by calling us at 1-800-847-4836, going online at thrivent.com, or by writing us at Thrivent, 4321 North Ballard Road, Appleton, Wisconsin, 54919-0001.

You may obtain copies of the prospectus, SAI, annual report and all other documents required to be filed with the Securities and Exchange Commission at the Commission’s Public Reference Room in Washington, DC. Information on the operation of the public reference room may be obtained by calling (202) 551-8090. Reports and other information about Thrivent Variable Annuity Account II are available on the Commission’s website at www.sec.gov. Copies of this information may be obtained, upon payment of a duplicating fee, by writing to the Public Reference Section of the Commission, U.S. Securities & Exchange Commission, 100 F Street, N.E., Washington, DC 20549.

THRIVENT VARIABLE ANNUITY ACCOUNT II
1933 Act Registration No. 333-71853
1940 Act Registration No. 811-09225

Please send me the Statement of Additional Information (SAI) for the:

Single Premium Immediate Variable Annuity

Thrivent Variable Annuity Account II

(Name) (Date)

(Street Address)

(City) (State) (Zip Code)
The following tables show the historical performance of Accumulation Unit Values for each of the previous years ending December 31, for which the relevant Subaccount has been in existence. The date on which each operations commenced in each price level is noted in parentheses. This information is derived from the financial statements of the Variable Account and should be read in conjunction with the financial statements, related notes and other financial information of the Variable Account included in the Statement of Additional Information (SAI). You may obtain a copy of the SAI without charge by contacting us at 1-800-847-4836 or visiting our website at www.thrivent.com.

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2 Formerly known as Thrivent Balanced Subaccount.
3 Formerly known as Thrivent High Yield Subaccount II.
4 Formerly known as Thrivent Large Cap Stock Subaccount.
5 Formerly known as Thrivent Bond Index Subaccount.
## Appendix A—Condensed Financial Information

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| **Thrivent International Allocation Subaccount (April 30, 2008)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $9.82 | $11.75 | $9.61 | $9.41 | $9.61 | $10.28 | $8.95 | $7.64 | $8.80 | $7.85 |
| value at end of period | $11.68 | $9.82 | $11.75 | $9.61 | $9.41 | $9.61 | $10.28 | $8.95 | $7.64 | $8.80 |
| number outstanding at end of period (000 omitted) | 42 | 71 | 80 | 92 | 107 | 115 | 134 | 155 | 179 | 206 |

| **Thrivent Large Cap Growth Subaccount (April 30, 2002)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $26.87 | $26.55 | $20.85 | $21.43 | $19.64 | $17.92 | $13.33 | $11.32 | $12.10 | $11.07 |
| value at end of period | $35.27 | $26.87 | $26.55 | $20.85 | $21.43 | $19.64 | $17.92 | $13.33 | $11.32 | $12.10 |
| number outstanding at end of period (000 omitted) | 62 | 71 | 80 | 92 | 107 | 115 | 134 | 155 | 179 | 206 |

| **Thrivent Large Cap Index Subaccount (August 2, 1999)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $50.69 | $53.81 | $44.86 | $40.67 | $40.73 | $36.41 | $27.97 | $24.52 | $24.41 | $21.56 |
| value at end of period | $65.65 | $50.69 | $53.81 | $44.86 | $40.67 | $40.73 | $36.41 | $27.97 | $24.52 | $24.41 |
| number outstanding at end of period (000 omitted) | 35 | 42 | 52 | 61 | 72 | 80 | 95 | 116 | 135 | 170 |

| **Thrivent Large Cap Value Subaccount (April 25, 2003)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $28.08 | $31.14 | $26.80 | $23.11 | $24.25 | $22.53 | $17.30 | $14.90 | $15.57 | $14.00 |
| value at end of period | $34.49 | $28.08 | $31.14 | $26.80 | $23.11 | $24.25 | $22.53 | $17.30 | $14.90 | $15.57 |
| number outstanding at end of period (000 omitted) | 15 | 18 | 21 | 25 | 31 | 36 | 41 | 51 | 61 | 76 |

| **Thrivent Limited Maturity Bond Subaccount (April 30, 2002)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $12.94 | $12.97 | $12.80 | $12.60 | $12.67 | $12.61 | $12.71 | $12.34 | $12.39 | $11.91 |
| value at end of period | $13.38 | $12.94 | $12.97 | $12.80 | $12.60 | $12.67 | $12.71 | $12.34 | $12.39 | $11.91 |
| number outstanding at end of period (000 omitted) | 20 | 24 | 24 | 28 | 34 | 42 | 49 | 68 | 68 | 82 |

| **Thrivent Low Volatility Equity Subaccount (April 28, 2017)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $10.47 | $10.92 | $— | | | | | | | |
| value at end of period | $12.73 | $10.47 | $10.92 | | | | | | | |
| number outstanding at end of period (000 omitted) | — | — | — | — | — | — | — | — | — | — |

| **Thrivent Mid Cap Index Subaccount (March 2, 2001)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $31.91 | $36.43 | $31.80 | $26.74 | $27.78 | $25.74 | $19.61 | $16.92 | $17.52 | $14.09 |
| value at end of period | $39.67 | $31.91 | $36.43 | $31.80 | $26.74 | $27.78 | $25.74 | $19.61 | $16.92 | $17.52 |
| number outstanding at end of period (000 omitted) | 14 | 17 | 21 | 26 | 29 | 27 | 29 | 33 | 38 | 46 |

| **Thrivent Mid Cap Stock Subaccount (March 2, 2001)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $30.29 | $34.45 | $29.31 | $23.06 | $23.33 | $21.11 | $15.77 | $13.98 | $15.10 | $12.17 |
| value at end of period | $37.74 | $30.29 | $34.45 | $29.31 | $23.06 | $23.33 | $21.11 | $15.77 | $13.98 | $15.10 |
| number outstanding at end of period (000 omitted) | 46 | 54 | 51 | 60 | 71 | 30 | 35 | 42 | 57 | 73 |

| **Thrivent Moderate Allocation Subaccount (April 29, 2005)** | | | | | | | | | | |
| Accumulation Unit: | | | | | | | | | | |
| value at beginning of period | $18.12 | $19.20 | $17.21 | $16.01 | $16.30 | $15.59 | $13.71 | $12.43 | $12.71 | $11.32 |
| value at end of period | $21.25 | $18.12 | $19.20 | $17.21 | $16.01 | $16.30 | $15.59 | $13.71 | $12.43 | $12.71 |
| number outstanding at end of period (000 omitted) | 515 | 606 | 731 | 832 | 964 | 1,055 | 1,135 | 1,190 | 1,297 | 1,346 |

1 Formerly known as Thrivent Partner Worldwide Allocation Subaccount.
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1 Formerly known as Thrivent Mortgage Securities Subaccount.
2 Formerly known as Thrivent Partner Emerging Markets Subaccount.
## Thrivent Small Cap Index Subaccount (August 2, 1999)

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<td>number outstanding at end of period (000 omitted)</td>
<td>16</td>
<td>19</td>
<td>24</td>
<td>28</td>
<td>34</td>
<td>44</td>
<td>50</td>
<td>58</td>
<td>68</td>
<td></td>
</tr>
</tbody>
</table>

## Thrivent Small Cap Stock Subaccount (March 2, 2001)

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accumulation Unit:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>number outstanding at end of period (000 omitted)</td>
<td>25</td>
<td>28</td>
<td>33</td>
<td>38</td>
<td>46</td>
<td>34</td>
<td>41</td>
<td>51</td>
<td>64</td>
<td></td>
</tr>
</tbody>
</table>
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- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
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You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Aggressive Allocation Portfolio

**Investment Objective**

Thrivent Aggressive Allocation Portfolio (the "Portfolio") seeks long-term capital growth.

**Fees and Expenses**

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

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<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
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<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.70%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.04%</td>
</tr>
<tr>
<td>Acquired Fund Fees and Expenses</td>
<td>0.19%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.93%</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements¹</td>
<td>0.17%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements¹</td>
<td>0.76%</td>
</tr>
</tbody>
</table>

¹ The Adviser has contractually agreed, for as long as the current fee structure is in place and through at least April 30, 2021, to waive an amount equal to any management fees indirectly incurred by the Portfolio as a result of its investment in any other mutual fund for which the Adviser or an affiliate serves as investment adviser, other than Thrivent Cash Management Trust. This contractual provision may be terminated upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

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<tr>
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<th>3 Years</th>
<th>5 Years</th>
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</tr>
</thead>
<tbody>
<tr>
<td>$78</td>
<td>$279</td>
<td>$498</td>
<td>$1,127</td>
<td></td>
</tr>
</tbody>
</table>

**Portfolio Turnover**

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 60% of the average value of its portfolio.

**Principal Strategies**

The Portfolio pursues its objective by investing in a combination of other funds managed by the Adviser or an affiliate and directly held financial instruments. The Portfolio is designed for investors who seek greater long-term capital growth and are comfortable with higher levels of risk and volatility. The Portfolio uses a prescribed asset allocation strategy involving a two-step process that is designed to achieve its desired risk tolerance. The first step is the construction of a model for the allocation of the Portfolio’s assets across broad asset categories (namely, equity securities and debt securities). The second step involves the determination of sub-classes within the broad asset categories and target weightings (i.e., what the Adviser determines is the strategic allocation) for these sub-classes. Sub-classes for equity securities may be based on market capitalization, investment style (such as growth or value), or economic sector. Sub-classes for debt securities may be based on maturity, duration, security type or credit rating (high yield—commonly known as “junk bonds”—or investment grade).

The use of target weightings for various sub-classes within broad asset categories is intended as a multi-style approach to reduce the risk of investing in securities having common characteristics. The Portfolio may buy and sell futures contracts to either hedge its exposure or obtain exposure to certain investments.

The Portfolio may invest in foreign securities, including those of issuers in emerging markets. An “emerging market” country is any country determined by the
Adviser to have an emerging market economy, considering factors such as the country’s credit rating, its political and economic stability and the development of its financial and capital markets.

Under normal circumstances, the Portfolio invests in the following broad asset classes within the ranges given:

<table>
<thead>
<tr>
<th>Broad Asset Category</th>
<th>Target Allocation</th>
<th>Allocation Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity Securities</td>
<td>95%</td>
<td>75-100%</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>5%</td>
<td>0-25%</td>
</tr>
</tbody>
</table>

The Portfolio's actual holdings in each broad asset category may be outside the applicable allocation range from time to time due to differing investment performance among asset categories. The Adviser will rebalance the Portfolio at least annually so that its holdings are within the ranges for the broad asset categories.

The Portfolio pursues its investment strategy by investing primarily in other mutual funds managed by the Adviser or an affiliate. The names of the funds managed by the Adviser or an affiliate which are currently available for investment by the Portfolio are shown in the list below. The list is provided for information purposes only. The Adviser may change the availability of the funds managed by the Adviser or an affiliate for investment by the Portfolio without shareholder approval or advance notice to shareholders.

**Equity Securities**
- Small Cap
  - Thrivent Small Cap Stock Portfolio
- Mid Cap
  - Thrivent Mid Cap Stock Portfolio
- Large Cap
  - Thrivent Global Stock Portfolio
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Value Portfolio
- Other
  - Thrivent International Allocation Portfolio
  - Thrivent Core International Equity Fund
  - Thrivent Core Low Volatility Equity Fund

**Debt Securities**
- High Yield Bonds
  - Thrivent High Yield Portfolio
- Intermediate/Long-Term Bonds
  - Thrivent Income Portfolio
- Short-Term/Intermediate Bonds
  - Thrivent Limited Maturity Bond Portfolio
- Other
  - Thrivent Core Emerging Markets Debt Fund

**Short-Term Debt Securities**
- Money Market
  - Thrivent Cash Management Trust
- Other
  - Thrivent Core Short-Term Reserve Fund

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Allocation Risk.** The Portfolio’s investment performance depends upon how its assets are allocated across broad asset categories and applicable sub-classes within such categories. Some broad asset categories and sub-classes may perform below expectations or the securities markets generally over short and extended periods. Therefore, a principal risk of investing in the Portfolio is that the allocation strategies used and the allocation decisions made will not produce the desired results.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Small Cap Risk.** Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.
Market Risk. Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

Other Funds Risk. Because the Portfolio invests in other funds managed by the Adviser or an affiliate (“Other Funds”), the performance of the Portfolio is dependent, in part, upon the performance of Other Funds in which the Portfolio may invest. As a result, the Portfolio is subject to the same risks as those faced by the Other Funds. In addition, Other Funds may be subject to additional fees and expenses that will be borne by the Portfolio.

Growth Investing Risk. Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company’s earnings or revenues fall short of expectations, its stock price may fall dramatically.

Value Investing Risk. Value style investing includes the risk that stocks of undervalued companies may not rise as quickly as anticipated if the market doesn’t recognize their intrinsic value or if value stocks are out of favor.

Foreign Securities Risk. Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

Emerging Markets Risk. The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

Foreign Currency Risk. The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

Investment Adviser Risk. The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

Conflicts of Interest Risk. An investment in the Portfolio will be subject to a number of actual or potential conflicts of interest. For example, the Adviser or its affiliates may provide services to the Portfolio for which the Portfolio would compensate the Adviser and/or such affiliates. The Portfolio may invest in other pooled investment vehicles sponsored, managed, or otherwise affiliated with the Adviser, including other Portfolios. The Adviser may have an incentive (financial or otherwise) to enter into transactions or arrangements on behalf of the Portfolio with itself or its affiliates in

TSF-4
circumstances where it might not have done so otherwise.

The Adviser or its affiliates manage other investment funds and/or accounts (including proprietary accounts) and have other clients with investment objectives and strategies that are similar to, or overlap with, the investment objective and strategy of the Portfolio, creating conflicts of interest in investment and allocation decisions regarding the allocation of investments that could be appropriate for the Portfolio and other clients of the Adviser or their affiliates.

Issuer Risk. Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

Quantitative Investing Risk. Quantitative Investing Risk is the risk that securities selected according to a quantitative analysis methodology can perform differently from the market as a whole based on the model and the factors used in the analysis, the weight placed on each factor and changes in the factor’s historical trends. Such models are based on assumptions of these and other market factors, and the models may not take into account certain factors, or perform as intended, and may result in a decline in the value of the Portfolio’s portfolio.

Derivatives Risk. The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes equity futures in order to increase or decrease its exposure to various asset classes at a lower cost than trading stocks directly. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

Health Crisis Risk. The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

Performance

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>(3.93)%</td>
</tr>
<tr>
<td>2011</td>
<td>12.25%</td>
</tr>
<tr>
<td>2012</td>
<td>27.05%</td>
</tr>
<tr>
<td>2013</td>
<td>6.02%</td>
</tr>
<tr>
<td>2014</td>
<td>(0.45)%</td>
</tr>
<tr>
<td>2015</td>
<td>10.11%</td>
</tr>
<tr>
<td>2016</td>
<td>21.51%</td>
</tr>
<tr>
<td>2017</td>
<td>25.34%</td>
</tr>
<tr>
<td>2018</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td></td>
</tr>
</tbody>
</table>

Best Quarter: Q1 ’19 +12.83%
Worst Quarter: Q3 ’11 (17.16)%
### Average Annual Total Returns

<table>
<thead>
<tr>
<th>Fund</th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Aggressive Allocation Portfolio</td>
<td>25.34%</td>
<td>9.33%</td>
<td>10.30%</td>
</tr>
<tr>
<td>S&amp;P 500® Index (reflects no deduction for fees, expenses or taxes)</td>
<td>31.49%</td>
<td>11.70%</td>
<td>13.56%</td>
</tr>
<tr>
<td>Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)</td>
<td>8.72%</td>
<td>3.05%</td>
<td>3.75%</td>
</tr>
<tr>
<td>MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)</td>
<td>21.51%</td>
<td>5.51%</td>
<td>4.97%</td>
</tr>
</tbody>
</table>

### Management

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans ("Thrivent Financial" or the "Adviser").

**Portfolio Manager(s)**

**Mark L. Simenstad, CFA, Darren M. Bagwell, CFA, Stephen D. Lowe, CFA, David S. Royal** and **David R. Spangler, CFA** are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Simenstad has served as a portfolio manager of the Portfolio since April 2005. Mr. Bagwell and Mr. Lowe have served as portfolio managers of the Portfolio since April 2016. Mr. Royal has served as portfolio manager of the Portfolio since April 2018. Mr. Spangler has served as a portfolio manager of the Portfolio since February 2019. Mr. Simenstad is Chief Investment Strategist and has been with Thrivent Financial since 1999. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial in an investment management capacity since 2002. Mr. Lowe is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1997. He has served as a portfolio manager since 2009. Mr. Royal is Chief Investment Officer and has been with Thrivent Financial since 2006. Mr. Spangler has been with Thrivent Financial since 2002, in an investment management capacity since 2006 and currently is a Senior Portfolio Manager.

### Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

### Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

### Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

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You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent All Cap Portfolio

Investment Objective
The investment objective of Thrivent Partner All Cap Portfolio (the "Portfolio") is to seek long-term growth of capital.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

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<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
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</table>

<table>
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<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
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</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent All Cap Portfolio</td>
<td>$73</td>
<td>$227</td>
<td>$395</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 128% of the average value of its portfolio.

Principal Strategies
The Portfolio's principal strategy for achieving its objective is normally to invest the Portfolio's assets primarily in common stocks of companies of any market capitalization.

The Portfolio’s Adviser is not constrained by any particular investment style. At any given time, the Adviser may tend to buy “growth” stocks or “value” stocks, or a combination of both types.

The Portfolio seeks to achieve its objective by investing in common stocks. The Adviser uses fundamental, quantitative, and technical investment research techniques and includes stocks of companies that it believes have demonstrated and will sustain above average earnings growth in the future when compared to the economy and the stock market as a whole. In addition, the Portfolio may invest in companies that it believes are undervalued in relation to their longterm earnings power or asset value.

Issuers of potential investments are analyzed using fundamental factors such as growth potential, earnings estimates, and financial condition. The Portfolio may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets into more promising opportunities.

Principal Risks
The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

Equity Security Risk. Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in
companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Growth Investing Risk.** Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company’s earnings or revenues fall short of expectations, its stock price may fall dramatically.

**Value Investing Risk.** Value style investing includes the risk that stocks of undervalued companies may not rise as quickly as anticipated if the market does not recognize their intrinsic value or if value stocks are out of favor.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser or subadviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Small Cap Risk.** Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five-, and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the "Index Descriptions" section of the prospectus. The Portfolio now compares its returns to the Russell 3000 Index because it is commonly used by funds with the same investment objective and principal strategies as the Portfolio. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.
YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>16.34%</td>
</tr>
<tr>
<td>2011</td>
<td>-4.82%</td>
</tr>
<tr>
<td>2012</td>
<td>14.74%</td>
</tr>
<tr>
<td>2013</td>
<td>32.85%</td>
</tr>
<tr>
<td>2014</td>
<td>12.26%</td>
</tr>
<tr>
<td>2015</td>
<td>2.26%</td>
</tr>
<tr>
<td>2016</td>
<td>5.77%</td>
</tr>
<tr>
<td>2017</td>
<td>20.24%</td>
</tr>
<tr>
<td>2018</td>
<td>-9.89%</td>
</tr>
<tr>
<td>2019</td>
<td>30.27%</td>
</tr>
</tbody>
</table>

Best Quarter: Q1 '19 +15.62%
Worst Quarter: Q3 '11 (17.59)%

AVERAGE ANNUAL TOTAL RETURNS
(Periods Ending December 31, 2019)

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent All Cap Portfolio</td>
<td>30.27%</td>
<td>8.83%</td>
<td>11.21%</td>
</tr>
<tr>
<td>Russell 3000 Index (reflects no deduction for fees, expenses or taxes)</td>
<td>31.02%</td>
<td>11.24%</td>
<td>13.42%</td>
</tr>
<tr>
<td>S&amp;P Composite 1500 Index® (reflects no deduction for fees, expenses or taxes)</td>
<td>30.90%</td>
<td>11.46%</td>
<td>13.52%</td>
</tr>
</tbody>
</table>

Management

Investment Adviser(s)
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)
Matthew D. Finn, CFA and John T. Groton, Jr., CFA are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Finn and Mr. Groton have served as portfolio managers of the Portfolio since February 2019. Mr. Finn is Vice President, Head of Equity Funds and has been with Thrivent Financial in an investment management capacity since April 2004. Mr. Groton is the Director of Equity Research and has been with Thrivent Financial in an investment management capacity since July 2007.

Purchase and Sale of Shares
Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information
For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries
If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Balanced Income Plus Portfolio

**Investment Objective**

Thrivent Balanced Income Plus Portfolio (the "Portfolio") seeks long-term total return through a balance between income and the potential for long-term capital growth.

**Fees and Expenses**

This table describes the fees and expenses that you may pay if you buy and hold shares of Thrivent Balanced Income Plus Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

**SHAREHOLDER FEES**

(fees paid directly from your investment)

<table>
<thead>
<tr>
<th>Description</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**ANNUAL PORTFOLIO OPERATING EXPENSES**

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.55%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.09%</td>
</tr>
<tr>
<td>Acquired Fund Fees and Expenses</td>
<td>0.02%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.66%</td>
</tr>
</tbody>
</table>

**EXAMPLE**

This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Period</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Balanced Income Plus Portfolio</td>
<td>$67</td>
<td>$211</td>
<td>$368</td>
<td>$822</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 109% of the average value of its portfolio.

**Principal Strategies**

Under normal circumstances, the Portfolio invests in a combination of equity securities and debt securities within the ranges shown in the following table:

<table>
<thead>
<tr>
<th>Broad Asset Category</th>
<th>Target Allocation</th>
<th>Allocation Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity Securities</td>
<td>50%</td>
<td>25-75%</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>50%</td>
<td>25-75%</td>
</tr>
</tbody>
</table>

The equity securities in which the Portfolio invests may include common stock, preferred stock, securities convertible into common stock, or securities or other instruments the price of which is linked to the value of common stock.

The debt securities in which the Portfolio invests may be of any maturity or credit quality, including high yield, high risk bonds, notes, debentures and other debt obligations commonly known as “junk bonds.” At the time of purchase, these high-yield securities are rated within or below the “BB” major rating category by S&P or the “Ba” major rating category by Moody’s or are unrated but considered to be of comparable quality by the Adviser. The Portfolio may also invest in leveraged loans, which are senior secured loans that are made by banks or other lending institutions to companies that are rated below investment grade. In addition, the Portfolio may invest in investment-grade corporate bonds, asset-backed securities, mortgage-backed securities (including commercially backed ones), convertible bonds, and sovereign and emerging market debt (both U.S. dollar and non-U.S. dollar denominated).

The Portfolio may invest in foreign securities, including those of issuers in emerging markets. An “emerging market” country is any country determined by the Adviser to have an emerging market economy, considering factors such as the country’s credit rating, its political and economic stability and the development of its financial and capital markets.
The Portfolio utilizes derivatives primarily in the form of U.S. Treasury futures contracts in order to manage the Portfolio's duration, or interest rate risk. The Portfolio may enter into derivatives contracts traded on exchanges or in the over the counter market.

The Portfolio may also pursue its investment strategy by investing in other mutual funds managed by the Adviser or an affiliate.

The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell. Fundamental techniques assess a security's value based on an issuer's financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond's issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

**Credit Risk.** Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

**Allocation Risk.** The Portfolio’s investment performance depends upon how its assets are allocated across broad asset categories and applicable sub-classes within such categories. Some broad asset categories and sub-classes may perform below expectations or the securities markets generally over short and extended periods. Therefore, a principal risk of investing in the Portfolio is that the allocation strategies used and the allocation decisions made will not produce the desired results.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Leveraged Loan Risk.** Leveraged loans (also known as bank loans) are subject to the risks typically associated with debt securities. In addition, leveraged loans, which typically hold a senior position in the capital structure of a borrower, are subject to the risk that a court could subordinate such loans to presently existing or future indebtedness or take other action detrimental to the holders of leveraged loans. Leveraged loans are also subject to the risk that the value of the collateral, if any, securing a loan may decline, be insufficient to meet the obligations of the borrower, or be difficult to liquidate. Some leveraged loans are not as easily purchased or sold as publicly-traded securities and others are illiquid, which may make it more difficult for the Portfolio to value them or dispose of them at an acceptable price. Below investment-grade leveraged loans are typically more credit sensitive. In the event of fraud or misrepresentation, the Portfolio may not be protected under federal securities laws with respect to leveraged loans that may not be in the form of “securities.” The settlement period for some leveraged loans may be more than seven days.

**Prepayment Risk.** When interest rates fall, certain obligations will be paid off by the obligor more quickly than originally anticipated, and a Portfolio may have to invest the proceeds in securities with lower yields. In
periods of falling interest rates, the rate of prepayments tends to increase (as does price fluctuation) as borrowers are motivated to pay off debt and refinance at new lower rates. During such periods, reinvestment of the prepayment proceeds by the management team will generally be at lower rates of return than the return on the assets that were prepaid. Prepayment generally reduces the yield to maturity and the average life of the security.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Mortgage-Backed and Other Asset-Backed Securities Risk.** The value of mortgage-backed and asset-backed securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. In addition, both mortgage-backed and asset-backed securities are sensitive to changes in the repayment patterns of the underlying security. If the principal payment on the underlying asset is repaid faster or slower than the holder of the asset-backed or mortgage-backed security anticipates, the price of the security may fall, particularly if the holder must reinvest the repaid principal at lower rates or must continue to hold the security when interest rates rise. This effect may cause the value of the Portfolio to decline and reduce the overall return of the Portfolio.

**High Yield Risk.** High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer’s continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

**Sovereign Debt Risk.** Sovereign debt securities are issued or guaranteed by foreign governmental entities. These investments are subject to the risk that a governmental entity may delay or refuse to pay interest or repay principal on its sovereign debt, due, for example, to cash flow problems, insufficient foreign currency reserves, political considerations, the relative size of the governmental entity’s debt position in relation to the economy or the failure to put in place economic reforms required by the International Monetary Fund or other multilateral agencies. If a governmental entity defaults, it may ask for more time in which to pay or for further loans. There is no legal
process for collecting sovereign debts that a government does not pay nor are there bankruptcy proceedings through which all or part of the sovereign debt that a governmental entity has not repaid may be collected.

**Quantitative Investing Risk.** Quantitative Investing Risk is the risk that securities selected according to a quantitative analysis methodology can perform differently from the market as a whole based on the model and the factors used in the analysis, the weight placed on each factor and changes in the factor's historical trends. Such models are based on assumptions of these and other market factors, and the models may not take into account certain factors, or perform as intended, and may result in a decline in the value of the Portfolio’s portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Conflicts of Interest Risk.** An investment in the Portfolio will be subject to a number of actual or potential conflicts of interest. For example, the Adviser or its affiliates may provide services to the Portfolio for which the Portfolio would compensate the Adviser and/or such affiliates. The Portfolio may invest in other pooled investment vehicles sponsored, managed, or otherwise affiliated with the Adviser, including other Portfolios. The Adviser may have an incentive (financial or otherwise) to enter into transactions or arrangements on behalf of the Portfolio with itself or its affiliates in circumstances where it might not have done so otherwise.

The Adviser or its affiliates manage other investment funds and/or accounts (including proprietary accounts) and have other clients with investment objectives and strategies that are similar to, or overlap with, the investment objective and strategy of the Portfolio, creating conflicts of interest in investment and allocation decisions regarding the allocation of investments that could be appropriate for the Portfolio and other clients of the Adviser or their affiliates.

**Other Funds Risk.** Because the Portfolio invests in other funds managed by the Adviser or an affiliate (“Other Funds”), the performance of the Portfolio is dependent, in part, upon the performance of Other Funds in which the Portfolio may invest. As a result, the Portfolio is subject to the same risks as those faced by the Other Funds. In addition, Other Funds may be subject to additional fees and expenses that will be borne by the Portfolio.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes futures on U.S. Treasuries in order to manage duration. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Liquidity Risk.** Liquidity is the ability to sell a security relatively quickly for a price that most closely reflects the actual value of the security. Dealer inventories of bonds are at or near historic lows in relation to market size, which has the potential to decrease liquidity and increase price volatility in the fixed income markets, particularly during periods of economic or market stress. As a result of this decreased liquidity, the Portfolio may have to accept a lower price to sell a security, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative effect on performance.

**Portfolio Turnover Rate Risk.** The Portfolio may engage in active and frequent trading of portfolio securities in implementing its principal investment strategies. A high rate of portfolio turnover (100% or more) involves correspondingly greater expenses which are borne by the Portfolio and its shareholders and may also result in short-term capital gains taxable to shareholders.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

TSF-15
Performance

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

Effective August 16, 2013, based on approval of the Portfolio’s Board of Directors and notice to Portfolio shareholders, the Portfolio’s principal strategies were changed, which had the effect of converting the Portfolio from one which incorporated the strategies of Thrivent Large Cap Index Portfolio and Thrivent Bond Index Portfolio (now known as Thrivent Government Bond Portfolio) to one which invests in a combination equity securities and debt securities. At the same time, the Portfolio’s name changed from Thrivent Balanced Portfolio to Thrivent Balanced Income Plus Portfolio. As a result, performance information presented below with respect to periods prior to August 16, 2013, reflects the performance of an investment portfolio that was materially different from the investment portfolio of Thrivent Balanced Income Plus Portfolio.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>YEAR</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>11.25%</td>
</tr>
<tr>
<td>2011</td>
<td>15.29%</td>
</tr>
<tr>
<td>2012</td>
<td>12.42%</td>
</tr>
<tr>
<td>2013</td>
<td>17.95%</td>
</tr>
<tr>
<td>2014</td>
<td>17.11%</td>
</tr>
<tr>
<td>2015</td>
<td>6.07%</td>
</tr>
<tr>
<td>2016</td>
<td>7.06%</td>
</tr>
<tr>
<td>2017</td>
<td>11.67%</td>
</tr>
<tr>
<td>2018</td>
<td>(0.14)%</td>
</tr>
<tr>
<td>2019</td>
<td>(4.87)%</td>
</tr>
</tbody>
</table>

Management

Investment Adviser(s)

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)

Stephen D. Lowe, CFA, Mark L. Simenstad, CFA, Noah J. Monsen, CFA, Darren M. Bagwell, CFA and David R. Spangler, CFA are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Lowe has served as a portfolio manager of the Portfolio since August 2013. Mr. Simenstad and Mr. Monsen have served as portfolio managers of the Portfolio since April 2015. Mr. Bagwell and Mr. Spangler have served as portfolio managers of the Portfolio since February 2019. Mr. Lowe is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1997. He has served as a portfolio manager since 2009. Mr. Simenstad is Chief Investment Strategist and has been with Thrivent Financial since 1999. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial in an investment management capacity since 2002. Mr. Spangler has been with Thrivent Financial since 2002, in an investment management capacity since 2006 and currently is a Senior Portfolio Manager.
**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Investment Objective
Thrivent Diversified Income Plus Portfolio (the "Portfolio") seeks to maximize income while maintaining prospects for capital appreciation.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Acquired Fund Fees and Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

EXAMPLE
This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Diversified Income Plus Portfolio</td>
<td>$51</td>
<td>$160</td>
<td>$280</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 157% of the average value of its portfolio.

Principal Strategies
Under normal circumstances, the Portfolio invests in a combination of equity securities and debt securities within the ranges shown in the following table:

<table>
<thead>
<tr>
<th>Broad Asset Category</th>
<th>Target Allocation</th>
<th>Allocation Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debt Securities</td>
<td>75%</td>
<td>55-95%</td>
</tr>
<tr>
<td>Equity Securities</td>
<td>25%</td>
<td>5-45%</td>
</tr>
</tbody>
</table>

The equity securities in which the Portfolio invests may include common stock, preferred stock, securities convertible into common stock, or securities or other instruments the price of which is linked to the value of common stock.

The debt securities in which the Portfolio invests may be of any maturity or credit quality, including high yield, high risk bonds, notes, debentures and other debt obligations commonly known as “junk bonds.” At the time of purchase, these high_yield securities are rated within or below the “BB” major rating category by S&P or the “Ba” major rating category by Moody’s or are unrated but considered to be of comparable quality by the Adviser. The Portfolio may also invest in leveraged loans, which are senior secured loans that are made by banks or other lending institutions to companies that are rated below investment grade. In addition, the Portfolio may invest in investment-grade corporate bonds, asset-backed securities, mortgage-backed securities (including commercially backed ones), convertible bonds, and sovereign and emerging market debt (both U.S. dollar and non-U.S. dollar denominated).

The Portfolio may invest in foreign securities, including those of issuers in emerging markets. An “emerging market” country is any country determined by the Adviser to have an emerging market economy, considering factors such as the country’s credit rating, its political and economic stability and the development of its financial and capital markets.
The Portfolio utilizes derivatives primarily in the form of U.S. Treasury futures contracts in order to manage the Portfolio’s duration, or interest rate risk. The Portfolio may enter into derivatives contracts traded on exchanges or in the over the counter market.

The Portfolio may also pursue its investment strategy by investing in other mutual funds managed by the Adviser or an affiliate.

The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell. Fundamental techniques assess a security’s value based on an issuer’s financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements.

Principal Risks

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

Interest Rate Risk. Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

Equity Security Risk. Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

Credit Risk. Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

Allocation Risk. The Portfolio’s investment performance depends upon how its assets are allocated across broad asset categories and applicable sub-classes within such categories. Some broad asset categories and sub-classes may perform below expectations or the securities markets generally over short and extended periods. Therefore, a principal risk of investing in the Portfolio is that the allocation strategies used and the allocation decisions made will not produce the desired results.

Mortgage-Backed and Other Asset-Backed Securities Risk. The value of mortgage-backed and asset-backed securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. In addition, both mortgage-backed and asset-backed securities are sensitive to changes in the repayment patterns of the underlying security. If the principal payment on the underlying asset is repaid faster or slower than the holder of the asset-backed or mortgage-backed security anticipates, the price of the security may fall, particularly if the holder must reinvest the repaid principal at lower rates or must continue to hold the security when interest rates rise. This effect may cause the value of the Portfolio to decline and reduce the overall return of the Portfolio.

Market Risk. Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

High Yield Risk. High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer’s continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

Leveraged Loan Risk. Leveraged loans (also known as bank loans) are subject to the risks typically associated
with debt securities. In addition, leveraged loans, which typically hold a senior position in the capital structure of a borrower, are subject to the risk that a court could subordinate such loans to presently existing or future indebtedness or take other action detrimental to the holders of leveraged loans. Leveraged loans are also subject to the risk that the value of the collateral, if any, securing a loan may decline, be insufficient to meet the obligations of the borrower, or be difficult to liquidate. Some leveraged loans are not as easily purchased or sold as publicly-traded securities and others are illiquid, which may make it more difficult for the Portfolio to value them or dispose of them at an acceptable price. Below investment-grade leveraged loans are typically more credit sensitive. In the event of fraud or misrepresentation, the Portfolio may not be protected under federal securities laws with respect to leveraged loans that may not be in the form of “securities.” The settlement period for some leveraged loans may be more than seven days.

**Prepayment Risk.** When interest rates fall, certain obligations will be paid off by the obligor more quickly than originally anticipated, and a Portfolio may have to invest the proceeds in securities with lower yields. In periods of falling interest rates, the rate of prepayments tends to increase (as does price fluctuation) as borrowers are motivated to pay off debt and refinance at new lower rates. During such periods, reinvestment of the prepayment proceeds by the management team will generally be at lower rates of return than the return on the assets that were prepaid. Prepayment generally reduces the yield to maturity and the average life of the security.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Preferred Securities Risk.** There are certain additional risks associated with investing in preferred securities, including, but not limited to, preferred securities may include provisions that permit the issuer, at its discretion, to defer or omit distributions for a stated period without any adverse consequences to the issuer; preferred securities are generally subordinated to bonds and other debt instruments in a company’s capital structure in terms of having priority to corporate income and liquidation payments, and therefore will be subject to greater credit risk than more senior debt instruments; preferred securities may be substantially less liquid than many other securities, such as common
stocks or U.S. Government securities; generally, traditional preferred securities offer no voting rights with respect to the issuing company unless preferred dividends have been in arrears for a specified number of periods, at which time the preferred security holders may elect a number of directors to the issuer’s board; and in certain varying circumstances, an issuer of preferred securities may redeem the securities prior to a specified date.

**Other Funds Risk.** Because the Portfolio invests in other funds managed by the Adviser or an affiliate (“Other Funds”), the performance of the Portfolio is dependent, in part, upon the performance of Other Funds in which the Portfolio may invest. As a result, the Portfolio is subject to the same risks as those faced by the Other Funds. In addition, Other Funds may be subject to additional fees and expenses that will be borne by the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Conflicts of Interest Risk.** An investment in the Portfolio will be subject to a number of actual or potential conflicts of interest. For example, the Adviser or its affiliates may provide services to the Portfolio for which the Portfolio would compensate the Adviser and/or such affiliates. The Portfolio may invest in other pooled investment vehicles sponsored, managed, or otherwise affiliated with the Adviser, including other Portfolios. The Adviser may have an incentive (financial or otherwise) to enter into transactions or arrangements on behalf of the Portfolio with itself or its affiliates in circumstances where it might not have done so otherwise.

The Adviser or its affiliates manage other investment funds and/or accounts (including proprietary accounts) and have other clients with investment objectives and strategies that are similar to, or overlap with, the investment objective and strategy of the Portfolio, creating conflicts of interest in investment and allocation decisions regarding the allocation of investments that could be appropriate for the Portfolio and other clients of the Adviser or their affiliates.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Liquidity Risk.** Liquidity is the ability to sell a security relatively quickly for a price that most closely reflects the actual value of the security. Dealer inventories of bonds are at or near historic lows in relation to market size, which has the potential to decrease liquidity and increase price volatility in the fixed income markets, particularly during periods of economic or market stress. As a result of this decreased liquidity, the Portfolio may have to accept a lower price to sell a security, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative effect on performance.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes futures on U.S. Treasuries in order to manage duration. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Quantitative Investing Risk.** Quantitative Investing Risk is the risk that securities selected according to a quantitative analysis methodology can perform differently from the market as a whole based on the model and the factors used in the analysis, the weight placed on each factor and changes in the factor’s historical trends. Such models are based on assumptions of these and other market factors, and the models may not take into account certain factors, or perform as intended, and may result in a decline in the value of the Portfolio’s portfolio.

**Portfolio Turnover Rate Risk.** The Portfolio may engage in active and frequent trading of portfolio securities in implementing its principal investment strategies. A high rate of portfolio turnover (100% or more) involves correspondingly greater expenses which are borne by the Portfolio and its shareholders and may also result in short-term capital gains taxable to shareholders.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global
economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

<table>
<thead>
<tr>
<th>AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 31, 2019)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thrivent Diversified Income Plus Portfolio</strong></td>
</tr>
<tr>
<td>1 Year</td>
</tr>
<tr>
<td>13.73%</td>
</tr>
<tr>
<td><strong>Bloomberg Barclays U.S. Mortgage-Backed Securities Index</strong></td>
</tr>
<tr>
<td>(reflects no deduction for fees, expenses or taxes)</td>
</tr>
<tr>
<td>6.35%</td>
</tr>
<tr>
<td><strong>Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index</strong></td>
</tr>
<tr>
<td>(reflects no deduction for fees, expenses or taxes)</td>
</tr>
<tr>
<td>15.18%</td>
</tr>
<tr>
<td><strong>MSCI World Index - USD Net Returns</strong></td>
</tr>
<tr>
<td>(reflects no deduction for fees, expenses or taxes)</td>
</tr>
<tr>
<td>27.67%</td>
</tr>
<tr>
<td><strong>S&amp;P/LSTA Leveraged Loan Index</strong></td>
</tr>
<tr>
<td>(reflects no deduction for fees, expenses or taxes)</td>
</tr>
<tr>
<td>8.64%</td>
</tr>
</tbody>
</table>

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

**Mark L. Simenstad, CFA**, **Stephen D. Lowe, CFA**, **Noah J. Monsen, CFA**, **Gregory R. Anderson, CFA** and **Darren M. Bagwell, CFA** are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Simenstad has served as a portfolio manager of the Portfolio since March 2006. Mr. Lowe and Mr. Monsen have served as portfolio managers of the Portfolio since April 2015. Mr. Anderson has served as a portfolio manager of the Portfolio since October 2018. Mr. Bagwell has served as a portfolio manager of the Portfolio since February 2019. Mr. Simenstad is Chief Investment Strategist and has been with Thrivent Financial since 1999. Mr. Lowe is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1997. He has served as a portfolio manager since 2009. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008. Mr. Anderson is Vice President, Fixed Income General Accounts. He has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial in an investment management capacity since 2002.
Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent ESG Index Portfolio

Investment Objective
Thrivent ESG Index Portfolio (the "Portfolio") seeks to track the investment results of an index composed of companies selected by the index provider based on environmental, social and governance characteristics. The Portfolio’s investment objective may be changed without shareholder approval.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
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<tbody>
<tr>
<td>(fees paid directly from your investment)</td>
</tr>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

ANNUAL PORTFOLIO OPERATING EXPENSES
(expenses that you pay each year as a percentage of the value of your investment)

| Management Fees | 0.20% |
| Total Annual Portfolio Operating Expenses | 2.98% |
| Less Fee Waivers and/or Expense Reimbursements | 2.60% |
| Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements | 0.38% |

1 These expenses are based on estimated amounts for the current fiscal year.
2 The Adviser has contractually agreed, through at least April 30, 2021, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent ESG Index Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements to an annual rate of 0.38% of the average daily net assets of the shares. This contractual provision, however, may be terminated before the indicated termination date upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

EXAMPLE
This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Thrivent ESG Index Portfolio</th>
<th>1 Year</th>
<th>3 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$39</td>
<td>$675</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. Because the Portfolio had not yet commenced operations prior to the date of this prospectus, the Portfolio’s portfolio turnover rate for the most recent fiscal year end is not yet available.

Principal Strategies
Under normal circumstances, the Portfolio invests substantially all of its assets (more than 80% of its net assets, plus the amount of any borrowings for investment purposes) in the common stocks of companies included in the MSCI KLD 400 Social Index (the “Index”) in the proportions in which they are represented in the Index. This is a passively managed Portfolio, which means that the Adviser does not actively choose the securities that should make up the Portfolio. The Index is a float-adjusted market capitalization weighted index designed to provide exposure to U.S. companies with outstanding environmental, social and governance (“ESG”) ratings and excluding exposure to companies with negative social or environmental impacts, all as identified by MSCI Inc. (the “Index Provider” or “MSCI”). As of March 31, 2020, the Index consisted of 404 companies identified by the Index Provider from the universe of companies included in the MSCI USA IMI Index, which targets 99% of the market coverage of stocks that are listed for trading on major exchanges in the U.S., as determined by the Index Provider. MSCI constructs the Index based on considerations of ESG performance, sector alignment and size representation of each eligible company, as described in more detail below. The methodology MSCI uses to construct the Index is as of the date of this prospectus and is subject to change as
according to MSCI. The Index excludes companies whose products have negative social or environmental impacts. Companies that MSCI determines have significant involvement in the following industries are not eligible for the Index: alcohol, gambling, tobacco, military weapons, civilian firearms, nuclear power, adult entertainment, and genetically modified organisms.

In evaluating ESG performance of eligible companies, MSCI uses proprietary ratings and research covering ESG criteria. MSCI identifies companies that demonstrate an ability to manage their ESG risks and opportunities. MSCI identifies key ESG issues that hold the greatest potential risk or opportunity for each industry sector, which may include the following: climate change, natural resources, pollution and waste, environmental opportunities, human capital, product liability, stakeholder opposition, social opportunities, corporate governance, and corporate behavior. MSCI calculates a company’s exposure relating to a key issue based on an analysis of a company’s business and takes into account a company’s management process of that issue. MSCI’s ESG criteria also includes, but is not limited to, an analysis of companies involved in very serious controversies, which may result in those companies’ exclusion from the Index.

The Index is reviewed quarterly for adjustments, and when changes to the Index occur, the Adviser will attempt to replicate these changes within the Portfolio. However, any such changes may result in slight variations from time to time. The Index may include large, mid or small cap companies. The components of the Index, and the degree to which these components represent certain industry sectors, are likely to change over time. The Portfolio may buy and sell equity index futures and exchange traded funds (“ETF”) for investment exposure. For liquidity reasons, the Portfolio may invest to some degree in money market instruments.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**ESG (Environmental, Social & Governance) Investment Strategy Risk.** The Portfolio’s ESG investment strategy limits the types and number of investment opportunities available to the Portfolio and, as a result, the Portfolio may underperform other funds that do not have an ESG focus. The Portfolio’s ESG investment strategy may result in the Portfolio investing in securities or industry sectors that underperform the market as a whole or underperform other funds screened for ESG standards. In addition, the Index Provider may be unsuccessful in creating an index composed of companies that exhibit positive ESG characteristics.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**ETF Risk.** An ETF is subject to the risks of the underlying investments that it holds. In addition, for index-based ETFs, the performance of an ETF may diverge from the performance of such index (commonly known as tracking error). ETFs are subject to fees and expenses (like management fees and operating expenses) that do not apply to an index, and the Portfolio will indirectly bear its proportionate share of any such fees and expenses paid by the ETFs in which it invests. Because ETFs trade on an exchange, there is a risk that an ETF will trade at a discount to net asset value or that investors will fail to bring the trading price in line with the underlying shares (known as the arbitrage mechanism).

**Futures Contract Risk.** The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. The price of futures can be highly volatile; using them could lower total return, and the potential loss from futures can exceed the Portfolio’s initial investment in such contracts. In addition, the value of the futures contract may not accurately track the value of the underlying instrument.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less
liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Sector Risk.** Companies with similar characteristics may be grouped together in broad categories called sectors. From time to time, the Portfolio may have significant positions in one or more sectors of the market. To the extent the Portfolio invests more heavily in particular sectors than others, its performance may be more susceptible to developments that significantly affect those sectors. Individual sectors may be more volatile, and may perform differently, than the broader market. The industries that constitute a sector may all react in the same way to economic, political or regulatory events.

**Indexing Strategy/Index Tracking Risk.** The Portfolio is managed with an indexing investment strategy, attempting to track the performance of an unmanaged index of securities, regardless of the current or projected performance of the Index or of the actual securities comprising the Index. The structure and composition of the Index will affect the performance, volatility, and risk of the Portfolio. While the Adviser seeks to track the performance of the Index (i.e., achieve a high degree of correlation with the Index), the Portfolio's return may not match the return of the Index. The Portfolio incurs a number of operating expenses not applicable to the Index, and incurs costs in buying and selling securities. In addition, the Portfolio may not be fully invested at times, generally as a result of cash flows into or out of the Portfolio or reserves of cash held by the Portfolio to meet redemptions. The Adviser may attempt to replicate the Index return by investing in fewer than all of the securities in the Index, or in some securities not included in the Index, potentially increasing the risk of divergence between the Portfolio's return and that of the Index.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

No performance information for the Portfolio is provided because it had not commenced operations prior to the date of this prospectus and does not yet have a full calendar year of performance history. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end that takes place after April 30, 2020.

How the Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance over time.

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

Brian W. Bomgren, CQF and Sharon Wang, CFA, FRM are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Bomgren and Ms. Wang have served as portfolio managers of the Portfolio since April 2020. Mr. Bomgren has been with Thrivent Financial since 2006 and is currently a Senior Portfolio Manager. Ms. Wang has been with Thrivent Financial since 2017 and is currently a Senior Portfolio Manager. Prior to joining Thrivent Financial, Ms. Wang worked at Bryn Mawr Capital Management as a portfolio manager from 2009 to 2016.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Global Stock Portfolio

**Investment Objective**
Thrivent Global Stock Portfolio (the "Portfolio") seeks long-term capital growth.

**Fees and Expenses**
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
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<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Global Stock Portfolio</td>
<td>$65</td>
<td>$205</td>
<td>$357</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 76% of the average value of its portfolio.

**Principal Strategies**
Under normal circumstances, the Portfolio invests at least 80% of its net assets in equity securities and invests at least 40% of its net assets in foreign securities (under normal market conditions). The Adviser focuses mainly on the equity securities of domestic and international companies. Should the Adviser change the investments used for purposes of this 80% threshold, we will notify you at least 60 days prior to the change.

The Portfolio seeks to achieve its investment objective by investing primarily in domestic and foreign common stocks. The Portfolio may buy and sell futures contracts to either hedge its exposure or obtain exposure to certain investments. The Adviser uses fundamental, quantitative, and technical investment research techniques to determine what stocks to buy and sell. Fundamental techniques assess a security’s value based on an issuer’s financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements. The Portfolio may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets into more promising opportunities.

**Principal Risks**
The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.
**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio's investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio's ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security's value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Quantitative Investing Risk.** Quantitative Investing Risk is the risk that securities selected according to a quantitative analysis methodology can perform differently from the market as a whole based on the model and the factors used in the analysis, the weight placed on each factor and changes in the factor's historical trends. Such models are based on assumptions of these and other market factors, and the models may not take into account certain factors, or perform as intended, and may result in a decline in the value of the Portfolio's portfolio.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Small Cap Risk.** Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio's share price to decline.

**Futures Contract Risk.** The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. The price of futures can be highly volatile; using them could lower total return, and the potential loss from futures can exceed the Portfolio's initial investment in such contracts. In addition, the value of the futures contract...
may not accurately track the value of the underlying instrument.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes equity futures in order to increase or decrease its exposure to various asset classes at a lower cost than trading stocks directly. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

| Best Quarter: | Q1 ’12 | +12.91% |
| Worst Quarter: | Q3 ’11 | (17.58)% |

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

Kurt J. Lauber, CFA, Noah J. Monsen, CFA, Lauri Brunner, Darren M. Bagwell, CFA and David R. Spangler, CFA are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Lauber has served as a portfolio manager of the Portfolio since
March 2013. Mr. Monsen has served as a portfolio manager of the Portfolio since April 2018. Ms. Brunner has served as a portfolio manager of the Portfolio since September 2018. Mr. Bagwell and Mr. Spangler have served as portfolio managers of the Portfolio since February 2019. Mr. Lauber has been with Thrivent Financial since 2004 and previously served as an associate portfolio manager. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008. Ms. Brunner has been with Thrivent Financial since 2007 and currently is a Senior Portfolio Manager. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial in an investment management capacity since 2002. Mr. Spangler has been with Thrivent Financial since 2002, in an investment management capacity since 2006 and currently is a Senior Portfolio Manager.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Government Bond Portfolio

**Investment Objective**
Thrivent Government Bond Portfolio (the "Portfolio") seeks total return, consistent with preservation of capital. The Portfolio's investment objective may be changed without shareholder approval.

**Fees and Expenses**
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
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<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Thrivent Government Bond Portfolio</th>
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<tbody>
<tr>
<td>1 Year</td>
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<tr>
<td>3 Years</td>
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<tr>
<td>5 Years</td>
</tr>
<tr>
<td>10 Years</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 354% of the average value of its portfolio.

**Principal Strategies**
Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of borrowings for investment purposes) in U.S. government bonds. For purposes of this disclosure, “U.S. government bonds” are debt instruments issued or guaranteed by the U.S. government or its agencies and instrumentalities, including U.S. Treasuries, Treasury Inflation Protected Securities (TIPS), U.S. Government Agency debt, and mortgage-backed securities issued or guaranteed by the Government National Mortgage Association (GNMA or Ginnie Mae), the Federal National Mortgage Association (FNMA or Fannie Mae) or the Federal Home Loan Mortgage Corporation (FHLMC or Freddie Mac). Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Portfolio’s portfolio securities may be of any maturity. The Adviser uses fundamental, quantitative and technical investment research techniques to determine what debt obligations to buy and sell. Fundamental techniques assess a security’s value based on an issuer’s financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements. The “total return” sought by the Portfolio consists of income earned on the Portfolio’s investments plus capital appreciation, if any. The Portfolio may invest in U.S. dollar denominated sovereign debt of foreign governments.

The Portfolio utilizes derivatives primarily in the form of U.S. Treasury futures contracts in order to manage the Portfolio’s duration, or interest rate risk. The Portfolio may enter into derivatives contracts traded on exchanges or in the over the counter market.

**Principal Risks**
The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its
investment objective and you could lose money by investing in the Portfolio.

**Government Securities Risk.** The Portfolio invests in securities issued or guaranteed by the U.S. government or its agencies and instrumentalities (such as Federal Home Loan Bank, Ginnie Mae, Fannie Mae or Freddie Mac securities). Securities issued or guaranteed by Federal Home Loan Banks, Ginnie Mae, Fannie Mae or Freddie Mac are not issued directly by the U.S. government. Ginnie Mae is a wholly owned U.S. corporation that is authorized to guarantee, with the full faith and credit of the U.S. government, the timely payment of principal and interest of its securities. By contrast, securities issued or guaranteed by U.S. government-related organizations such as Federal Home Loan Banks, Fannie Mae and Freddie Mac are not backed by the full faith and credit of the U.S. government. No assurance can be given that the U.S. government would provide financial support to its agencies and instrumentalities if not required to do so by law. In addition, the value of U.S. government securities may be affected by changes in the credit rating of the U.S. government.

**Mortgage-Backed and Other Asset-Backed Securities Risk.** The value of mortgage-backed and asset-backed securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. In addition, both mortgage-backed and asset-backed securities are sensitive to changes in the repayment patterns of the underlying security. If the principal payment on the underlying asset is repaid faster or slower than the holder of the asset-backed or mortgage-backed security anticipates, the price of the security may fall, particularly if the holder must reinvest the repaid principal at lower rates or must continue to hold the security when interest rates rise. This effect may cause the value of the Portfolio to decline and reduce the overall return of the Portfolio.

**Inflation-Linked Security Risk.** Inflation-linked debt securities, such as TIPS, are subject to the effects of changes in market interest rates caused by factors other than inflation (real interest rates). In general, the price of an inflation-linked security tends to decrease when real interest rates increase and can increase when real interest rates decrease. Interest payments on inflation-linked securities are unpredictable and will fluctuate as the principal and interest are adjusted for inflation. Any increase in the principal amount of an inflation-linked debt security will be considered taxable ordinary income, even though the Portfolio will not receive the principal until maturity.

There can also be no assurance that the inflation index used will accurately measure the real rate of inflation in the prices of goods and services. The Portfolio’s investments in inflation-linked securities may lose value in the event that the actual rate of inflation is different than the rate of the inflation index. In addition, inflation-linked securities are subject to the risk that the Consumer Price Index for All Urban Consumers (CPI-U) or other relevant pricing index may be discontinued, fundamentally altered in a manner materially adverse to the interests of an investor in the securities, altered by legislation or Executive Order in a materially adverse manner to the interests of an investor in the securities or substituted with an alternative index.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Sovereign Debt Risk.** Sovereign debt securities are issued or guaranteed by foreign governmental entities. These investments are subject to the risk that a governmental entity may delay or refuse to pay interest or repay principal on its sovereign debt, due, for example, to cash flow problems, insufficient foreign currency reserves, political considerations, the relative size of the governmental entity’s debt position in relation to the economy or the failure to put in place economic reforms required by the International Monetary Fund or other multilateral agencies. If a governmental entity defaults, it may ask for more time in which to pay or for further loans. There is no legal
process for collecting sovereign debts that a government does not pay nor are there bankruptcy proceedings through which all or part of the sovereign debt that a governmental entity has not repaid may be collected.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes futures on U.S. Treasuries in order to manage duration. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Liquidity Risk.** Liquidity is the ability to sell a security relatively quickly for a price that most closely reflects the actual value of the security. Dealer inventories of bonds are at or near historic lows in relation to market size, which has the potential to decrease liquidity and increase price volatility in the fixed income markets, particularly during periods of economic or market stress. As a result of this decreased liquidity, the Portfolio may have to accept a lower price to sell a security, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative effect on performance.

**Portfolio Turnover Rate Risk.** The Portfolio may engage in active and frequent trading of portfolio securities in implementing its principal investment strategies. A high rate of portfolio turnover (100% or more) involves correspondingly greater expenses which are borne by the Portfolio and its shareholders and may also result in short-term capital gains taxable to shareholders.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

Effective August 28, 2017, based on approval of the Portfolio’s Board of Directors and shareholders, the portfolio’s investment objective and principal strategies were changed, which had the effect of converting the Portfolio from one whose securities were selected based on which securities were in an index to one that is actively managed and invests primarily in U.S. government securities. At the same time, the Portfolio’s name changed from Thrivent Bond Index Portfolio to Thrivent Government Bond Portfolio. As a result, performance information presented below with respect to periods prior to August 28, 2017, reflects the performance of an investment portfolio that was materially different from the investment portfolio of Thrivent Government Bond Portfolio.

The bar chart and the table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your shares at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How the Portfolio has performed in the past (before and after taxes) is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.
Management

Investment Adviser(s)

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)

Michael G. Landreville, CFA, CPA (inactive) and Gregory R. Anderson, CFA are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Landreville has served as portfolio manager of the Portfolio since December 2005. Mr. Anderson has served as a portfolio manager of the Portfolio since August 2017. Mr. Landreville has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998. Mr. Anderson is Vice President, Fixed Income General Accounts. He has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker- Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent High Yield Portfolio

Investment Objectives
Thrivent High Yield Portfolio (the "Portfolio") seeks to achieve a higher level of income. The Portfolio will also consider growth of capital as a secondary objective.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.40%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.04%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.44%</td>
</tr>
</tbody>
</table>

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

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<thead>
<tr>
<th></th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent High Yield Portfolio</td>
<td>$45</td>
<td>$141</td>
<td>$246</td>
<td>$555</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 48% of the average value of its portfolio.

Principal Strategies
Under normal market conditions, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in high yield, high risk bonds, notes, debentures and other debt obligations (including leveraged loans, mortgage-backed securities, convertible bonds, and convertible stock), or preferred stocks. These securities are commonly known as “junk bonds.” At the time of purchase these securities are rated within or below the “BB” major rating category by Standard & Poor's Corporation or the “Ba” major rating category by Moody's Investor Services, Inc. or are unrated but considered to be of comparable quality by the Adviser. The Portfolio invests in securities regardless of the securities’ maturity average and may also invest in foreign securities. Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Adviser uses fundamental, quantitative, and technical investment research techniques to determine what securities to buy and sell. Fundamental techniques assess a security's value based on an issuer's financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements. The Adviser focuses on U.S. companies which it believes have or are expected to achieve adequate cash flows or access to capital markets for the payment of principal and interest obligations.

The Portfolio utilizes derivatives primarily in the form of U.S. Treasury futures contracts in order to manage the Portfolio’s duration, or interest rate risk. The Portfolio may enter into derivatives contracts traded on exchanges or in the over the counter market.

Principal Risks
The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objectives and you could lose money by investing in the Portfolio.
**High Yield Risk.** High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer’s continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

**Credit Risk.** Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

**Convertible Securities Risk.** Convertible securities are subject to the usual risks associated with debt securities, such as interest rate risk and credit risk. Convertible securities also react to changes in the value of the common stock into which they convert, and are thus subject to market risk. The Portfolio may also be forced to convert a convertible security at an inopportune time, which may decrease the Portfolio’s return.

**Leveraged Loan Risk.** Leveraged loans (also known as bank loans) are subject to the risks typically associated with debt securities. In addition, leveraged loans, which typically hold a senior position in the capital structure of a borrower, are subject to the risk that a court could subordinate such loans to presently existing or future indebtedness or take other action detrimental to the holders of leveraged loans. Leveraged loans are also subject to the risk that the value of the collateral, if any, securing a loan may decline, be insufficient to meet the obligations of the borrower, or be difficult to liquidate. Some leveraged loans are not as easily purchased or sold as publicly-traded securities and others are illiquid, which may make it more difficult for the Portfolio to value them or dispose of them at an acceptable price. Below investment-grade leveraged loans are typically more credit sensitive. In the event of fraud or misrepresentation, the Portfolio may not be protected under federal securities laws with respect to leveraged loans that may not be in the form of “securities.” The settlement period for some leveraged loans may be more than seven days.

**Prepayment Risk.** When interest rates fall, certain obligations will be paid off by the obligor more quickly than originally anticipated, and a Portfolio may have to invest the proceeds in securities with lower yields. In periods of falling interest rates, the rate of prepayments tends to increase (as does price fluctuation) as borrowers are motivated to pay off debt and refinance at new lower rates. During such periods, reinvestment of the prepayment proceeds by the management team will generally be at lower rates of return than the return on the assets that were prepaid. Prepayment generally reduces the yield to maturity and the average life of the security.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Liquidity Risk.** Liquidity is the ability to sell a security relatively quickly for a price that most closely reflects the actual value of the security. Dealer inventories of
bonds are at or near historic lows in relation to market size, which has the potential to decrease liquidity and increase price volatility in the fixed income markets, particularly during periods of economic or market stress. As a result of this decreased liquidity, the Portfolio may have to accept a lower price to sell a security, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative effect on performance.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes futures on U.S. Treasuries in order to manage duration. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

**Paul J. Ocenasek, CFA** is primarily responsible for the day-to-day management of the Portfolio. Mr. Ocenasek
has served as portfolio manager of the Portfolio since December 1997. He has been with Thrivent Financial since 1987 and, since 1997, has served as portfolio manager to other Thrivent mutual funds.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker- Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio's prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios' annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios' website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Income Portfolio

Investment Objective
Thrivent Income Portfolio (the "Portfolio") seeks to achieve a high level of income over the longer term while providing reasonable safety of capital.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Income Portfolio</td>
<td>$45</td>
<td>$141</td>
<td>$246</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 101% of the average value of its portfolio.

Principal Strategies
The principal strategies of the Portfolio are to invest in investment-grade corporate bonds, government bonds, asset-backed securities, mortgage-backed securities, and other types of debt securities. Asset-backed securities are securities backed by notes or receivables originated by banks, credit card companies or other providers of credit.

The Portfolio may invest in foreign securities, including those of issuers in emerging markets. An “emerging market” country is any country determined by the Adviser to have an emerging market economy, considering factors such as the country's credit rating, its political and economic stability and the development of its financial and capital markets.

Under normal conditions, at least 65% of the Portfolio’s assets will be invested in debt securities or preferred stock that is rated investment grade (Baa3/BBB-/BBB- or higher) using the middle rating of Moody’s, S&P and Fitch; when a rating from only two agencies is available, the lower is used; when only one agency rates a bond, that rating is used. In cases where explicit bond level ratings may not be available, the Adviser may use other sources to classify securities by credit quality.

The Portfolio may also invest in high yield, high risk bonds, notes, debentures and other debt obligations or preferred stock commonly known as “junk bonds.” At the time of purchase these securities are rated within or below the “BB” major rating category by S&P or the “Ba” major rating category by Moody’s or are unrated but considered to be of comparable quality by the Adviser.

The Adviser uses fundamental, quantitative, and technical investment research techniques to determine what debt obligations to buy and sell. Fundamental techniques assess a security’s value based on an issuer’s financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements. The Adviser may
purchase bonds of any maturity and generally focuses on U.S. companies that it believes are financially sound and have strong cash flow, asset values and interest or dividend earnings. The Adviser purchases bonds of foreign issuers as well.

The Portfolio utilizes derivatives primarily in the form of U.S. Treasury futures contracts in order to manage the Portfolio’s duration, or interest rate risk. The Portfolio may enter into derivatives contracts traded on exchanges or in the over the counter market.

The Portfolio may invest in securities of any market sector and may hold a significant amount of securities of companies, from time to time, within a single sector such as financials.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

**Credit Risk.** Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

**High Yield Risk.** High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer’s continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

**Government Securities Risk.** The Portfolio invests in securities issued or guaranteed by the U.S. government or its agencies and instrumentalities (such as Federal Home Loan Bank, Ginnie Mae, Fannie Mae or Freddie Mac securities). Securities issued or guaranteed by Federal Home Loan Banks, Ginnie Mae, Fannie Mae or Freddie Mac are not issued directly by the U.S. government. Ginnie Mae is a wholly owned U.S. corporation that is authorized to guarantee, with the full faith and credit of the U.S. government, the timely payment of principal and interest of its securities. By contrast, securities issued or guaranteed by U.S. government-related organizations such as Federal Home Loan Banks, Fannie Mae and Freddie Mac are not backed by the full faith and credit of the U.S. government. No assurance can be given that the U.S. government would provide financial support to its agencies and instrumentalities if not required to do so by law. In addition, the value of U.S. government securities may be affected by changes in the credit rating of the U.S. government.

**Mortgage-Backed and Other Asset-Backed Securities Risk.** The value of mortgage-backed and asset-backed securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. In addition, both mortgage-backed and asset-backed securities are sensitive to changes in the repayment patterns of the underlying security. If the principal payment on the underlying asset is repaid faster or slower than the holder of the asset-backed or mortgage-backed security anticipates, the price of the security may fall, particularly if the holder must reinvest the repaid principal at lower rates or must continue to hold the security when interest rates rise. This effect may cause the value of the Portfolio to decline and reduce the overall return of the Portfolio.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for
higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio's investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio's ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security's value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio's investment objective.

**Financial Sector Risk.** To the extent that the financials sector continues to represent a significant portion of the Portfolio, the Portfolio will be sensitive to changes in, and its performance may depend to a greater extent on, factors impacting this sector. Performance of companies in the financials sector may be adversely impacted by many factors, including, among others, government regulations, economic conditions, credit rating downgrades, changes in interest rates, and decreased liquidity in credit markets. The impact of more stringent capital requirements, recent or future regulation of any individual financial company or recent or future regulation of the financials sector as a whole cannot be predicted. In recent years, cyber attacks and technology malfunctions and failures have become increasingly frequent in this sector and have caused significant losses.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes futures on U.S. Treasuries in order to manage duration. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

**Liquidity Risk.** Liquidity is the ability to sell a security relatively quickly for a price that most closely reflects the actual value of the security. Dealer inventories of bonds are at or near historic lows in relation to market size, which has the potential to decrease liquidity and increase price volatility in the fixed income markets, particularly during periods of economic or market stress. As a result of this decreased liquidity, the Portfolio may have to accept a lower price to sell a security, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative effect on performance.

**Portfolio Turnover Rate Risk.** The Portfolio may engage in active and frequent trading of portfolio securities in implementing its principal investment strategies. A high rate of portfolio turnover (100% or more) involves correspondingly greater expenses which are borne by the Portfolio and its shareholders and may also result in short-term capital gains taxable to shareholders.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak
are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. The Portfolio now compares its returns to the Bloomberg Barclays US Corporate Bond Index because the Portfolio believes it more accurately represents the Portfolio’s investment objective and principal strategies. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

<table>
<thead>
<tr>
<th>Best Quarter: Q3 '10</th>
<th>Worst Quarter: Q2 '13</th>
</tr>
</thead>
<tbody>
<tr>
<td>+5.39%</td>
<td>(2.97)%</td>
</tr>
</tbody>
</table>

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

**Kent L. White, CFA** is primarily responsible for the day-to-day management of the Portfolio. Mr. White has served as a portfolio manager of the Portfolio since June 2017. Mr. White is the Director of Investment Grade Research, and he has been with Thrivent Financial since 1999.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

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You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent International Allocation Portfolio

Investment Objective
Thrivent International Allocation Portfolio (the "Portfolio") seeks long-term capital growth.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
<th>(fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES</th>
<th>(expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.64%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.08%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.72%</td>
</tr>
</tbody>
</table>

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent International Allocation Portfolio</td>
<td>$74</td>
<td>$230</td>
<td>$401</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 106% of the average value of its portfolio.

Principal Strategies
The Portfolio seeks to achieve its objective by investing primarily in equity securities of issuers throughout the world. The Portfolio seeks to diversify its portfolio broadly among developed and emerging countries and among multiple asset classes. Under normal market conditions, the Portfolio invests at least 40% of its net assets in foreign assets. If market conditions are not deemed favorable by the Adviser, the Portfolio could invest a lower percentage, but at least 30% of its net assets in foreign assets. A foreign asset could be an investment in an issuer that is organized under the laws of a foreign jurisdiction; that is traded principally in a foreign country; that derives at least 50% of its revenues or profits from goods produced or sold, investments made, or services performed in a foreign country or has at least 50% of its assets in a foreign country; or that otherwise exposes the Portfolio’s portfolio to the economic fortunes and risks of a foreign country. The Portfolio may also pursue its investment strategy by investing in equity derivatives such as futures contracts to either hedge its exposure or gain exposure to certain investments.

The Adviser will make asset allocation decisions among the various asset classes and has engaged Goldman Sachs Asset Management, L.P. (“GSAM”) to manage the Portfolio’s international small- and mid- cap equity assets. The Adviser will directly manage the remaining assets in the Portfolio.

The Portfolio will generally make the following allocations among the broad asset classes listed below:

- International large-cap growth ....................... 0-50%
- International large-cap value ....................... 0-50%
- International small- and mid-cap equities .......... 0-30%
- Emerging markets equity ......................... 0-25%
- U.S. securities .................................. 0-10%

The Portfolio’s actual holdings in each broad asset category may be outside the applicable allocation range from time to time due to differing investment performances among asset classes. These allocations may change without shareholder approval or advance notice to shareholders to the extent consistent with applicable law.

In buying and selling securities for the Portfolio, the Adviser uses an active strategy. This strategy consists of a
disciplined approach that involves computer-aided, quantitative analysis of fundamental, technical and risk-related factors. The Adviser’s factor model (a method of analyzing and combining multiple data sources) systematically reviews thousands of stocks, using data such as historical earnings growth and expected future growth, valuation, price momentum, and other quantitative factors to forecast return potential. Then, risk characteristics of potential investments and covariation among securities are analyzed along with the return forecasts in determining the Portfolio’s holdings.

GSAM uses a quantitative style of management, in combination with a qualitative overlay, that emphasizes fundamentally-based stock selection, careful portfolio construction and efficient implementation. The Portfolio’s investments are selected using fundamental research and a variety of quantitative techniques based on certain investment themes. The Portfolio may make investment decisions that deviate from those generated by GSAM’s proprietary models, at the discretion of GSAM. In addition, GSAM may, in its discretion, make changes to its quantitative techniques, or use other quantitative techniques that are based on GSAM’s proprietary research.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Allocation Risk.** The Portfolio’s investment performance depends upon how its assets are allocated across broad asset categories and applicable sub-classes within such categories. Some broad asset categories and sub-classes may perform below expectations or the securities markets generally over short and extended periods. Therefore, a principal risk of investing in the Portfolio is that the allocation strategies used and the allocation decisions made will not produce the desired results.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Growth Investing Risk.** Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company’s earnings or revenues fall short of expectations, its stock price may fall dramatically.

**Value Investing Risk.** Value style investing includes the risk that stocks of undervalued companies may not rise as quickly as anticipated if the market doesn’t recognize their intrinsic value or if value stocks are out of favor.

**Quantitative Investing Risk.** Quantitative Investing Risk is the risk that securities selected according to a quantitative analysis methodology can perform differently from the market as a whole based on the model and the factors used in the analysis, the weight placed on each factor and changes in the factor’s historical trends. Such models are based on assumptions of these and other market factors, and the models may not take into account certain factors, or perform as intended, and may result in a decline in the value of the Portfolio’s portfolio.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets,
in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Small Cap Risk.** Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser or subadviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Multi-Manager Risk.** The investment style employed by the subadviser may not be complementary to that of the Adviser. The interplay of the strategy employed by the subadviser and the Adviser may result in the Portfolio indirectly holding positions in certain types of securities, industries or sectors. These positions may be detrimental to a Portfolio’s performance depending upon the performance of those securities and the overall economic environment. The multi-manager approach could result in a high level of portfolio turnover, resulting in higher brokerage expenses and increased tax liability from a Portfolio’s realization of capital gains.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart includes the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at
the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>11.43%</td>
</tr>
<tr>
<td>2011</td>
<td>-2.12%</td>
</tr>
<tr>
<td>2012</td>
<td>18.67%</td>
</tr>
<tr>
<td>2013</td>
<td>16.31%</td>
</tr>
<tr>
<td>2014</td>
<td>15.35%</td>
</tr>
<tr>
<td>2015</td>
<td>0.78%</td>
</tr>
<tr>
<td>2016</td>
<td>3.35%</td>
</tr>
<tr>
<td>2017</td>
<td>15.59%</td>
</tr>
<tr>
<td>2018</td>
<td>23.84%</td>
</tr>
<tr>
<td>2019</td>
<td>20.48%</td>
</tr>
</tbody>
</table>

Best Quarter: Q3 ’10 +16.49%
Worst Quarter: Q3 ’11 (18.33)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 31, 2019)

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent International Allocation</td>
<td>20.48%</td>
<td>5.30%</td>
<td>5.36%</td>
</tr>
<tr>
<td>MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)</td>
<td>21.51%</td>
<td>5.51%</td>
<td>4.97%</td>
</tr>
</tbody>
</table>

Management

Investment Adviser(s)

The Portfolio is managed by Thrivent Financial for Lutherans ("Thrivent Financial" or the "Adviser"), which has engaged Goldman Sachs Asset Management, L.P. ("GSAM") to subadvise a portion of the Portfolio's assets.

Portfolio Manager(s)

GSAM manages the international small- and mid-cap equities assets of the Portfolio. GSAM’s Quantitative Investment Strategies team (the “QIS” team) manages the international small- and mid-cap equities of the Portfolio with the following team members being jointly and primarily responsible for day-to-day management. Len Ioffe, Managing Director, joined GSAM as an associate in 1994 and has been a portfolio manager since 1996. Mr. Ioffe has managed the Portfolio since September 2013. Osman Ali, Managing Director, joined GSAM in 2003 and has been a member of the research and portfolio management team within QIS since 2005. Mr. Ali has managed the Portfolio since September 2013. Takashi Suwabe is a Managing Director and is co-head of active equity research in the QIS team. Mr. Suwabe joined GSAM in 2004 and has been a member of the QIS team since 2009. Previously, Mr. Suwabe worked at Nomura Securities and Nomura Research Institute. Mr. Suwabe has managed the Portfolio since September 2013.

The Adviser manages the Portfolio’s international large-cap, emerging markets equity and U.S. securities assets. Noah J. Monsen, CFA, Brian W. Bomgren, CQF, Darren M. Bagwell, CFA and David R. Spangler, CFA are jointly and primarily responsible for day-to-day management of the Portfolio’s international large-cap, emerging markets equity and U.S. securities assets. Mr. Monsen and Mr. Bomgren have served as portfolio managers of the Portfolio since March 2016. Mr. Bagwell and Mr. Spangler have served as portfolio managers of the Portfolio since February 2019. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008. Mr. Bomgren has been with Thrivent Financial since 2006 and is currently a Senior Portfolio Manager. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial in an investment management capacity since 2002. Mr. Spangler is a Senior Portfolio Manager and has been with Thrivent Financial since 2002. He has served in an investment management capacity since 2006.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Investment Objective

Thrivent International Index Portfolio (the "Portfolio") seeks total returns that track the performance of the MSCI EAFE Index. The Portfolio's investment objective may be changed without shareholder approval.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

### SHAREHOLDER FEES
(fees paid directly from your investment)

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>1 Year</th>
<th>3 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ANNUAL PORTFOLIO OPERATING EXPENSES
(expenses that you pay each year as a percentage of the value of your investment)

<table>
<thead>
<tr>
<th>Expense</th>
<th>1 Year</th>
<th>3 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.20%</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Expenses¹</td>
<td>1.09%</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>1.29%</td>
<td>N/A</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements²</td>
<td>0.83%</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
<td>0.46%</td>
<td>N/A</td>
</tr>
</tbody>
</table>

¹ These expenses are based on estimated amounts for the current fiscal year.
² The Adviser has contractually agreed, through at least April 30, 2021, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent International Index Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements to an annual rate of 0.46% of the average daily net assets of the shares. This contractual provision, however, may be terminated before the indicated termination date upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>1 Year</th>
<th>3 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent International Index Portfolio</td>
<td>$47</td>
<td>$327</td>
</tr>
</tbody>
</table>

Portfolio Turnover

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. Because the Portfolio had not yet commenced operations prior to the date of this prospectus, the Portfolio's portfolio turnover rate for the most recent fiscal year end is not yet available.

Principal Strategies

Under normal circumstances, the Portfolio invests substantially all of its assets (more than 80% of its net assets, plus the amount of any borrowings for investment purposes) in equity securities included in the MSCI EAFE Index in the proportions in which they are represented in the index. This is a passively managed Portfolio, which means that the Adviser does not actively choose the securities that should make up the Portfolio, and instead seeks to replicate the MSCI EAFE Index and provide investment results that, before expenses, correspond generally to the total return of the index. The MSCI EAFE Index captures large- and mid-cap equity securities in developed markets countries, excluding the U.S. and Canada. As of March 31, 2020, the MSCI EAFE Index consisted of 918 constituents in the following 21 developed market country indices: Australia, Austria, Belgium, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, and the United Kingdom. If the securities represented in the MSCI EAFE Index were to become concentrated in any particular industry, the Portfolio's investments would likewise be concentrated in securities of issuers in that industry; the MSCI EAFE Index is not currently concentrated in any single industry. The MSCI EAFE Index is a free float-adjusted market capitalization index that is designed to provide coverage of the relevant
investment opportunity set with an emphasis on index liquidity, investability and replicability. The MSCI EAFE Index is adjusted quarterly, and when changes to the index occur, the Adviser will attempt to replicate these changes within the Portfolio. However, any such changes may result in slight variations from time to time. The Portfolio may buy and sell equity index futures for investment exposure. For liquidity reasons, the Portfolio may invest to some degree in money market instruments.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio's investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio's ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Futures Contract Risk.** The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. The price of futures can be highly volatile; using them could lower total return, and the potential loss from futures can exceed the Portfolio’s initial investment in such contracts. In addition, the value of the futures contract may not accurately track the value of the underlying instrument.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer's securities and therefore the value of the Portfolio.

**Global Indexing Strategy/Index Tracking Risk.** The Portfolio is managed with an indexing investment strategy, attempting to track the performance of an unmanaged index of securities, regardless of the current or projected performance of the Index or of the actual
securities comprising the Index. The structure and composition of the Index will affect the performance, volatility, and risk of the Index and, consequently, the performance, volatility, and risk of the Portfolio. The securities of foreign issuers, securities of companies with significant foreign exposure, and foreign currencies can involve additional risks relating to market, economic, industry, political, regulatory, geopolitical, and other conditions. Less stringent regulatory, accounting, auditing, and disclosure requirements for issuers and markets are more common in certain foreign countries and may make the data upon which the Index is based unreliable or stale. Enforcing legal rights can be difficult, costly, and slow in certain foreign countries, and can be particularly difficult against foreign governments. While the Adviser seeks to track the performance of the Index (i.e., achieve a high degree of correlation with the Index), the Portfolio’s return may not match the return of the Index. The Portfolio incurs a number of operating expenses not applicable to the Index, and incurs costs in buying and selling securities. In addition, the Portfolio may not be fully invested at times, generally as a result of cash flows into or out of the Portfolio or reserves of cash held by the Portfolio to meet redemptions. The Adviser may attempt to replicate the Index return by investing in fewer than all of the securities in the Index, or in some securities not included in the Index, potentially increasing the risk of divergence between the Portfolio’s return and that of the Index.

Health Crisis Risk. The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

Performance

No performance information for the Portfolio is provided because it had not commenced operations prior to the date of this prospectus and does not yet have a full calendar year of performance history. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end that takes place after April 30, 2020.

How the Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

Management

Investment Adviser(s)

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)

Brian W. Bomgren, CQF and Sharon Wang, CFA, FRM are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Bomgren and Ms. Wang have served as portfolio managers of the Portfolio since April 2020. Mr. Bomgren has been with Thrivent Financial since 2006 and is currently a Senior Portfolio Manager. Ms. Wang has been with Thrivent Financial since 2017 and is currently a Senior Portfolio Manager. Prior to joining Thrivent Financial, Ms. Wang worked at Bryn Mawr Capital Management as a portfolio manager from 2009 to 2016.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

- If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio's prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios' annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios' website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Large Cap Growth Portfolio

**Investment Objective**

The investment objective of Thrivent Large Cap Growth Portfolio (the "Portfolio") is to achieve long-term growth of capital.

**Fees and Expenses**

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.40%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.04%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.44%</td>
</tr>
</tbody>
</table>

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Large Cap Growth Portfolio</td>
<td>$45</td>
<td>$141</td>
<td>$246</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 58% of the average value of its portfolio.

**Principal Strategies**

Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in equity securities of large companies. The Adviser focuses mainly on the equity securities of large domestic and international companies which have market capitalizations equivalent to those included in widely known indices such as the Russell 1000 Growth Index, S&P 500 Index, or the large company market capitalization classifications published by Lipper, Inc. These companies typically have a market capitalization of approximately $8 billion or more. Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Portfolio seeks to achieve its investment objective by investing in common stocks. The Adviser uses fundamental, quantitative, and technical investment research techniques and focuses on stocks of companies that it believes have demonstrated and will sustain above-average earnings growth over time, or which are expected to develop rapid sales and earnings growth in the future when compared to the economy and stock market as a whole. Many such companies are in the technology sector and the Portfolio may at times have a higher concentration in this industry.

The Portfolio may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets into more promising opportunities.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to...
attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Growth Investing Risk.** Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company's earnings or revenues fall short of expectations, its stock price may fall dramatically.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Technology-Oriented Companies Risk.** Common stocks of companies that rely extensively on technology, science or communications in their product development or operations may be more volatile than the overall stock market and may or may not move in tandem with the overall stock market. Technology, science and communications are rapidly changing fields, and stocks of these companies, especially of smaller or unseasoned companies, may be subject to more abrupt or erratic market movements than the stock market in general. There are significant competitive pressures among technology-oriented companies and the products or operations of such companies may become obsolete quickly. In addition, these companies may have limited product lines, markets or financial resources and the management of such companies may be more dependent upon one or a few key people.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio's investment objective.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Non-Diversified Risk.** The Portfolio is not “diversified” within the meaning of the 1940 Act. That means the Portfolio may invest a greater percentage of its assets in the securities of any single issuer compared to other funds. A non-diversified portfolio is generally more susceptible than a diversified portfolio to the risk that events or developments affecting a particular issuer or industry will significantly affect the Portfolio’s performance.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.
Performance

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. The Portfolio now compares its returns to the Russell 1000 Growth Index because it is commonly used by funds with the same investment objective and principal strategies as the Portfolio. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>10.73%</td>
</tr>
<tr>
<td>2011</td>
<td>(5.27)%</td>
</tr>
<tr>
<td>2012</td>
<td>19.18%</td>
</tr>
<tr>
<td>2013</td>
<td>36.64%</td>
</tr>
<tr>
<td>2014</td>
<td>10.99%</td>
</tr>
<tr>
<td>2015</td>
<td>10.48%</td>
</tr>
<tr>
<td>2016</td>
<td>(4.40)%</td>
</tr>
<tr>
<td>2017</td>
<td>28.93%</td>
</tr>
<tr>
<td>2018</td>
<td>32.90%</td>
</tr>
<tr>
<td>2019</td>
<td>0%</td>
</tr>
</tbody>
</table>

Best Quarter: Q1 ’12 +16.67%
Worst Quarter: Q3 ’11 (17.08)%

Management

Investment Adviser(s)

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)

Lauri Brunner is primarily responsible for the day-to-day management of the Portfolio, and she has served as portfolio manager of the Portfolio since September 2018. Ms. Brunner has been with Thrivent Financial since 2007 and currently is a Senior Portfolio Manager.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrive.com.

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio's prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios' annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios' website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
**Thrivent Large Cap Index Portfolio**

**Investment Objective**

Thrivent Large Cap Index Portfolio (the "Portfolio") seeks total returns that track the performance of the S&P 500 Index.

**Fees and Expenses**

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th></th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Large Cap Index Portfolio</td>
<td>$25</td>
<td>$77</td>
<td>$135</td>
<td>$306</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 3% of the average value of its portfolio.

**Principal Strategies**

Under normal circumstances, the Portfolio invests substantially all of its assets (more than 80% of its net assets, plus the amount of any borrowings for investment purposes) in the large company common stocks included in the S&P 500 Index in the proportions in which they are represented in the index. This is a passively managed Portfolio, which means that the Adviser does not actively choose the securities that should make up the Portfolio. The S&P 500 Index is comprised of 500 domestic large company stocks. Accordingly, the Portfolio invests in stocks of larger companies from a broad range of industries. The S&P 500 Index is adjusted quarterly, and when changes to the index occur, the Adviser will attempt to replicate these changes within the Portfolio. However, any such changes may result in slight variations from time to time. The Portfolio may buy and sell equity index futures for investment exposure. For liquidity reasons, the Portfolio may invest to some degree in money market instruments.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets
may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Futures Contract Risk.** The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. The price of futures can be highly volatile; using them could lower total return, and the potential loss from futures can exceed the Portfolio’s initial investment in such contracts. In addition, the value of the futures contract may not accurately track the value of the underlying instrument.

**Indexing Strategy/Index Tracking Risk.** The Portfolio is managed with an indexing investment strategy, attempting to track the performance of an unmanaged index of securities, regardless of the current or projected performance of the Index or of the actual securities comprising the Index. The structure and composition of the Index will affect the performance, volatility, and risk of the Index and, consequently, the performance, volatility, and risk of the Portfolio. While the Adviser seeks to track the performance of the Index (i.e., achieve a high degree of correlation with the Index), the Portfolio’s return may not match the return of the Index. The Portfolio incurs a number of operating expenses not applicable to the Index, and incurs costs in buying and selling securities. In addition, the Portfolio may not be fully invested at times, generally as a result of cash flows into or out of the Portfolio or reserves of cash held by the Portfolio to meet redemptions. The Adviser may attempt to replicate the Index return by investing in fewer than all of the securities in the Index, or in some securities not included in the Index, potentially increasing the risk of divergence between the Portfolio’s return and that of the Index.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

![Bar Chart](Image)

**Best Quarter:** Q1 ’19  +13.56%

**Worst Quarter:** Q3 ’11  (13.96)%
AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 31, 2019)

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Large Cap Index</td>
<td>31.15%</td>
<td>11.41%</td>
<td>13.19%</td>
</tr>
<tr>
<td>S&amp;P 500® Index (reflects no deduction for fees, expenses or taxes)</td>
<td>31.49%</td>
<td>11.70%</td>
<td>13.56%</td>
</tr>
</tbody>
</table>

Management

Investment Adviser(s)
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)
Brian W. Bomgren, CQF and Sharon Wang, CFA, FRM are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Bomgren and Ms. Wang have served as portfolio managers of the Portfolio since January 2018. Mr. Bomgren has been with Thrivent Financial since 2006 and is currently a Senior Portfolio Manager. Ms. Wang has been with Thrivent Financial since 2017 and is currently a Senior Portfolio Manager. Prior to joining Thrivent Financial, Ms. Wang worked at Bryn Mawr Capital Management as a portfolio manager from 2009 to 2016.

Purchase and Sale of Shares
Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information
For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries
If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Large Cap Value Portfolio

Investment Objective
The investment objective of Thrivent Large Cap Value Portfolio (the "Portfolio") is to achieve long-term growth of capital.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
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<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
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</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
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<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Portfolio Turnover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Large Cap Value Portfolio</td>
</tr>
</tbody>
</table>

Principal Strategies
Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in equity securities of large companies. The Adviser focuses mainly on the equity securities of large domestic and international companies which have market capitalizations equivalent to those included in widely known indices such as the Russell 1000 Value Index, S&P 500 Index, or the large company market capitalization classifications published by Lipper, Inc. These companies typically have a market capitalization of approximately $8 billion or more. Should the Adviser change the investments used for purposes of this 80% threshold, we will notify you at least 60 days prior to the change.

The Portfolio seeks to achieve its investment objective by investing primarily in common stocks. The Adviser uses fundamental, quantitative, and technical investment research techniques and focuses on stocks of companies that it believes are undervalued in relation to their long-term earnings power or asset value. These stocks typically, but not always, have below average price-to-earnings and price-to-book value ratios. The Portfolio may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets into more promising opportunities.

Principal Risks
The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

Large Cap Risk. Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

Value Investing Risk. Value style investing includes the risk that stocks of undervalued companies may not rise as quickly as anticipated if the market doesn’t recognize their intrinsic value or if value stocks are out of favor.

Equity Security Risk. Equity securities held by the Portfolio may decline significantly in price, sometimes indicate higher transaction costs and may result in higher taxes when Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 18% of the average value of its portfolio.
rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer's securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio's investment objective.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. The Portfolio now compares its returns to the Russell 1000 Value Index because it is commonly used by funds with the same investment objective and principal strategies as the Portfolio. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

**YEAR-BY-YEAR TOTAL RETURN**

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>12.91%</td>
</tr>
<tr>
<td>2011</td>
<td>17.57%</td>
</tr>
<tr>
<td>2012</td>
<td>31.82%</td>
</tr>
<tr>
<td>2013</td>
<td>9.07%</td>
</tr>
<tr>
<td>2014</td>
<td>17.44%</td>
</tr>
<tr>
<td>2015</td>
<td>17.65%</td>
</tr>
<tr>
<td>2016</td>
<td>24.79%</td>
</tr>
<tr>
<td>2017</td>
<td>10.00%</td>
</tr>
<tr>
<td>2018</td>
<td>15.76%</td>
</tr>
<tr>
<td>2019</td>
<td>20.89%</td>
</tr>
</tbody>
</table>
### Best Quarter: Q4 ’11 +13.73%
### Worst Quarter: Q3 ’11 (18.20)%

### Average Annual Total Returns
(PERIODS ENDING DECEMBER 31, 2019)

<table>
<thead>
<tr>
<th>Fund/Index</th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Large Cap Value Portfolio</td>
<td>24.39%</td>
<td>8.64%</td>
<td>10.81%</td>
</tr>
<tr>
<td>Russell 1000 Value Index (reflects no deduction for fees, expenses or taxes)</td>
<td>26.54%</td>
<td>8.29%</td>
<td>11.80%</td>
</tr>
<tr>
<td>S&amp;P 500® Value Index (reflects no deduction for fees, expenses or taxes)</td>
<td>31.93%</td>
<td>9.52%</td>
<td>12.16%</td>
</tr>
</tbody>
</table>

### Management

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

**Kurt J. Lauber, CFA** is primarily responsible for the day-to-day management of the Portfolio. Mr. Lauber has served as portfolio manager of the Portfolio since April 2013. Mr. Lauber has been with Thrivent Financial since 2004 and previously served as an associate portfolio manager.

### Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

### Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

### Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio's prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Limited Maturity Bond Portfolio

Investment Objective
Thrivent Limited Maturity Bond Portfolio (the "Portfolio") seeks a high level of current income consistent with stability of principal.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
<th>(fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES</th>
<th>(expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.40%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.04%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.44%</td>
</tr>
</tbody>
</table>

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Year</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Limited Maturity Bond Portfolio</td>
<td>$45</td>
<td>$141</td>
<td>$246</td>
<td>$555</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 101% of the average value of its portfolio.

Principal Strategies
The principal strategies of the Portfolio are to invest in investment-grade corporate bonds, government bonds, municipal bonds, mortgage-backed securities (including commercially backed ones), asset-backed securities, and collateralized debt obligations (including collateralized loan obligations). Asset-backed securities are securities backed by notes or receivables originated by banks, credit card companies, or other providers of credit; collateralized debt obligations are types of asset-backed securities. Under normal market conditions, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in debt securities or preferred stock in at least the “Baa” major rating category by Moody’s or at least in the “BBB” major rating category by S&P or unrated securities considered to be of comparable quality by the Portfolio’s Adviser, with the dollar-weighted average effective maturity for the Portfolio expected to be between one and five years. Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Portfolio may also invest in high yield, high risk bonds, notes, debentures and other debt obligations or preferred stock commonly known as “junk bonds.” At the time of purchase, these securities are rated within or below the “BB” major rating category by S&P or the “Ba” major rating category by Moody’s or are unrated but considered to be of comparable quality by the Adviser.

The Adviser uses fundamental, quantitative, and technical investment research techniques to determine what debt obligations to buy and sell. Fundamental techniques assess a security’s value based on an issuer’s financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements. The Adviser focuses on companies that it believes are financially sound and have strong cash flow, asset values and interest or dividend earnings, and may invest in U.S. dollar-denominated debt of foreign companies.

The Portfolio utilizes derivatives primarily in the form of U.S. Treasury futures contracts in order to manage the Portfolio’s duration, or interest rate risk. The Portfolio
may enter into derivatives contracts traded on exchanges or in the over the counter market.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Government Securities Risk.** The Portfolio invests in securities issued or guaranteed by the U.S. government or its agencies and instrumentalities (such as Federal Home Loan Bank, Ginnie Mae, Fannie Mae or Freddie Mac securities). Securities issued or guaranteed by Federal Home Loan Banks, Ginnie Mae, Fannie Mae or Freddie Mac are not issued directly by the U.S. government. Ginnie Mae is a wholly owned U.S. corporation that is authorized to guarantee, with the full faith and credit of the U.S. government, the timely payment of principal and interest of its securities. By contrast, securities issued or guaranteed by U.S. government-related organizations such as Federal Home Loan Banks, Fannie Mae and Freddie Mac are not backed by the full faith and credit of the U.S. government. No assurance can be given that the U.S. government would provide financial support to its agencies and instrumentalities if not required to do so by law. In addition, the value of U.S. government securities may be affected by changes in the credit rating of the U.S. government.

**Mortgage-Backed and Other Asset-Backed Securities Risk.** The value of mortgage-backed and asset-backed securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. In addition, both mortgage-backed and asset-backed securities are sensitive to changes in the repayment patterns of the underlying security. If the principal payment on the underlying asset is repaid faster or slower than the holder of the asset-backed or mortgage-backed security anticipates, the price of the security may fall, particularly if the holder must reinvest the repaid principal at lower rates or must continue to hold the security when interest rates rise. This effect may cause the value of the Portfolio to decline and reduce the overall return of the Portfolio.

**Collateralized Debt Obligations Risk.** The risks of an investment in a collateralized debt obligation (“CDO”) depend largely on the quality and type of the collateral and the tranche of the CDO in which the Portfolio invests. In addition to the typical risks associated with fixed income securities and asset-backed securities, CDOs carry additional risks including, but not limited to: (i) the possibility that distributions from collateral securities will not be adequate to make interest or other payments; (ii) the risk that the collateral may default, decline in value, and/or be downgraded; (iii) the Portfolio may invest in tranches of CDOs that are subordinate to other tranches; (iv) the structure and complexity of the transaction and the legal documents could lead to disputes among investors regarding the characterization of proceeds; (v) the investment return achieved by the Portfolio could be significantly different than those predicted by financial models; (vi) the lack of a readily available secondary market for CDOs; (vii) risk of forced “fire sale” liquidation due to technical defaults such as coverage test failures; and (viii) the CDO’s manager may perform poorly.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

**Credit Risk.** Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Futures Contract Risk.** The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. The price of futures can be highly volatile; using them could lower total return, and the potential loss from futures can exceed the Portfolio's initial investment in such contracts. In addition, the value of the futures contract may not accurately track the value of the underlying instrument.
**High Yield Risk.** High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer's continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer's securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Liquidity Risk.** Liquidity is the ability to sell a security relatively quickly for a price that most closely reflects the actual value of the security. Dealer inventories of bonds are at or near historic lows in relation to market size, which has the potential to decrease liquidity and increase price volatility in the fixed income markets, particularly during periods of economic or market stress. As a result of this decreased liquidity, the Portfolio may have to accept a lower price to sell a security, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative effect on performance.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

**Management**

**Investment Adviser(s)**
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

Michael G. Landreville, CFA, CPA (inactive), Gregory R. Anderson, CFA, and Cortney L. Swensen, CFA are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Landreville has served as a portfolio manager of the
Portfolio since November 2001, Mr. Anderson has served as a portfolio manager of the Portfolio since February 2005, and Ms. Swensen has served as a portfolio manager of the Portfolio since April 2020. Mr. Landreville has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998. Mr. Anderson is Vice President, Fixed Income General Accounts. He has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000. Ms. Swensen has been with Thrivent Financial since 2011 and is currently a Senior Portfolio Manager.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

• **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

• **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio's prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios' annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios' website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Investment Objective

Thrivent Low Volatility Equity Portfolio (the "Portfolio") seeks long-term capital appreciation with lower volatility relative to the global equity markets. The Portfolio’s investment objective may be changed without shareholder approval.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements¹</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
</tr>
</tbody>
</table>

¹ The Adviser has contractually agreed, through at least April 30, 2021, to waive a portion of the management fees associated with the shares of the Thrivent Low Volatility Equity Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements to an annual rate of 0.80% of the average daily net assets of the shares. This contractual provision, however, may be terminated before the indicated termination date upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

Example

This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Portfolio Low Volatility Equity Portfolio</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$82</td>
<td>$333</td>
<td>$604</td>
<td>$1,377</td>
</tr>
</tbody>
</table>

Portfolio Turnover

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 53% of the average value of its portfolio.

Principal Strategies

Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in equity securities. The Portfolio’s investments are diversified globally. The Portfolio may invest in securities denominated in U.S. dollars and the currencies of the foreign countries in which it may invest. The Portfolio typically has full currency exposure to those markets in which it invests. The Portfolio may buy or sell equity index futures for investment exposure or hedging purposes. The Portfolio may invest in securities of any market capitalization, including small- and mid-cap securities.

In seeking to achieve the Portfolio’s investment objective, the Adviser employs investment management techniques to identify securities that exhibit low volatility returns. Volatility refers to the variation in security and market prices over time. Over a full market cycle, the Portfolio seeks to produce returns similar to the MSCI World Minimum Volatility Index – USD Net Returns. It is expected that the Portfolio will generally underperform the global equity markets during periods of strong market performance.

In buying and selling securities for the Portfolio, the Adviser uses an active strategy. This strategy consists of a disciplined approach that involves computer-aided, quantitative analysis of fundamental, technical and risk-related factors. The Adviser’s factor model (a
method of analyzing and combining multiple data sources) systematically reviews thousands of stocks, using data such as historical earnings growth and expected future growth, valuation, price momentum, and other quantitative factors to forecast return potential. Then, risk characteristics of potential investments and covariation among securities are analyzed along with the return forecasts in determining the Portfolio’s holdings to produce a portfolio with reduced volatility.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Quantitative Investing Risk.** Quantitative Investing Risk is the risk that securities selected according to a quantitative analysis methodology can perform differently from the market as a whole based on the model and the factors used in the analysis, the weight placed on each factor and changes in the factor’s historical trends. Such models are based on assumptions of these and other market factors, and the models may not take into account certain factors, or perform as intended, and may result in a decline in the value of the Portfolio’s portfolio.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Futures Contract Risk.** The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. The price of futures can be highly volatile; using them could lower total return, and the potential loss from futures can exceed the Portfolio’s initial investment in such contracts. In addition, the value of the futures contract may not accurately track the value of the underlying instrument.
**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes equity futures in order to increase or decrease its exposure to various asset classes at a lower cost than trading stocks directly. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for the one-year period and since inception compared to a broad-based securities market index. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart includes the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assumes that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>(2.90)%</td>
</tr>
<tr>
<td>2019</td>
<td>23.13%</td>
</tr>
</tbody>
</table>

**Best Quarter:** Q1 ’19 +10.56%

**Worst Quarter:** Q4 ’18 (7.21)%

<table>
<thead>
<tr>
<th>AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 31, 2019)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Low Volatility Equity Portfolio</td>
</tr>
<tr>
<td>1 Year</td>
</tr>
<tr>
<td>Since Inception (4/28/17)</td>
</tr>
<tr>
<td>MSCI World Minimum Volatility Index - USD Net Returns (reflects no deduction for fees, expenses or taxes)</td>
</tr>
<tr>
<td>1 Year</td>
</tr>
<tr>
<td>Since Inception (4/28/17)</td>
</tr>
</tbody>
</table>

**Management**

**Investment Adviser(s)**
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

**Noah J. Monsen, CFA** and **Brian W. Bomgren, CQF** are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Monsen and Mr. Bomgren have served as portfolio managers of the
Portfolio since April 2017 and April 2018, respectively. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008. Mr. Bomgren has been with Thrivent Financial since 2006 and is currently a Senior Portfolio Manager.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

• **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

• **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Mid Cap Growth Portfolio

**Investment Objective**

Thrivent Mid Cap Growth Portfolio (the "Portfolio") seeks long-term capital growth. The Portfolio’s investment objective may be changed without shareholder approval.

**Fees and Expenses**

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses1</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements2</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
</tr>
</tbody>
</table>

1 These expenses are based on estimated amounts for the current fiscal year.
2 The Adviser has contractually agreed, through at least April 30, 2021, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent Mid Cap Growth Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements to an annual rate of 0.85% of the average daily net assets of the shares. This contractual provision, however, may be terminated before the indicated termination date upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>$87</td>
<td>$908</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. Because the Portfolio had not yet commenced operations prior to the date of this prospectus, the Portfolio’s portfolio turnover rate for the most recent fiscal year end is not yet available.

**Principal Strategies**

Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in equity securities of mid-sized companies. The Adviser focuses mainly on the equity securities of mid-sized U.S. companies which have market capitalizations equivalent to those included in widely known indices such as the Russell Midcap Growth Index, S&P MidCap 400 Index, or the mid-sized company market capitalization classifications published by Lipper, Inc. These companies typically have a market capitalization of approximately $2 billion to $25 billion. Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Portfolio seeks to achieve its investment objective by investing primarily in common stocks. The Adviser uses fundamental, quantitative, and technical investment research techniques and focuses on stocks of companies that it believes have demonstrated and believes will sustain above average revenue and earnings growth over time, or which are expected to develop rapid sales and earnings growth in the future when compared to the economy and stock market as a whole. Many such companies are in the technology sector and the Portfolio may at times have a higher concentration in this industry.
The Adviser may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets to more promising opportunities.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Growth Investing Risk.** Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company's earnings or revenues fall short of expectations, its stock price may fall dramatically.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Technology-Oriented Companies Risk.** Common stocks of companies that rely extensively on technology, science or communications in their product development or operations may be more volatile than the overall stock market and may or may not move in tandem with the overall stock market. Technology, science and communications are rapidly changing fields, and stocks of these companies, especially of smaller or unseasoned companies, may be subject to more abrupt or erratic market movements than the stock market in general. There are significant competitive pressures among technology-oriented companies and the products or operations of such companies may become obsolete quickly. In addition, these companies may have limited product lines, markets or financial resources and the management of such companies may be more dependent upon one or a few key people.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

No performance information for the Portfolio is provided because it had not commenced operations prior to the date of this prospectus and does not yet have a full calendar year of performance history. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end that takes place after April 30, 2020.

How the Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.
Management

Investment Adviser(s)

The Portfolio is managed by Thrivent Financial for Lutherans ("Thrivent Financial" or the "Adviser").

Portfolio Manager(s)

David J. Lettenberger, CFA is primarily responsible for the day-to-day management of the Portfolio. Mr. Lettenberger has served as portfolio manager of the Portfolio since April 2020. Mr. Lettenberger has been a portfolio manager at Thrivent Financial since 2013, when he joined the firm.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the "Fund") may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Mid Cap Index Portfolio

Investment Objective
Thrivent Mid Cap Index Portfolio (the "Portfolio") seeks total returns that track the performance of the S&P MidCap 400 Index.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(fees paid directly from your investment)</td>
<td></td>
</tr>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

ANNUAL PORTFOLIO OPERATING EXPENSES
(expenses that you pay each year as a percentage of the value of your investment)

- Management Fees: 0.20%
- Other Expenses: 0.06%
- Total Annual Portfolio Operating Expenses: 0.26%

EXAMPLE
This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th></th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Mid Cap Index Portfolio</td>
<td>$27</td>
<td>$84</td>
<td>$146</td>
<td>$331</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 17% of the average value of its portfolio.

Principal Strategies
Under normal circumstances, the Portfolio invests substantially all of its assets (more than 80% of its net assets, plus the amount of any borrowings for investment purposes) in mid-sized company stocks included in the S&P MidCap 400 Index in the proportions in which they are represented in the Index. This is a passively managed Portfolio, which means that the Adviser does not actively choose the securities that should make up the Portfolio. The S&P MidCap 400 Index is a capitalization weighted index of 400 medium capitalization stocks chosen for market size, liquidity, and industry representation. Accordingly, the Portfolio invests in stocks of medium-sized companies from a broad range of industries. The S&P MidCap 400 Index is adjusted quarterly and when changes to the index occur, the Adviser will attempt to replicate these changes within the Portfolio. However, any such changes may result in slight variations from the index. The Portfolio may buy and sell equity index futures for investment exposure. For liquidity reasons, the Portfolio may invest, to some degree, in money market instruments.

Principal Risks
The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

Mid Cap Risk. Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

Market Risk. Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The
value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Futures Contract Risk.** The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. The price of futures can be highly volatile; using them could lower the value of the underlying instrument. The price of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument.

**Indexing Strategy/Index Tracking Risk.** The Portfolio is managed with an indexing investment strategy, attempting to track the performance of an unmanaged index of securities, regardless of the current or projected performance of the Index or of the actual securities comprising the Index. The structure and composition of the Index will affect the performance, volatility, and risk of the Index and, consequently, the performance, volatility, and risk of the Portfolio. While the Adviser seeks to track the performance of the Index (i.e., achieve a high degree of correlation with the Index), the Portfolio’s return may not match the return of the Index. The Portfolio incurs a number of operating expenses not applicable to the Index, and incurs costs in buying and selling securities. In addition, the Portfolio may not be fully invested at times, generally as a result of cash flows into or out of the Portfolio or reserves of cash held by the Portfolio to meet redemptions. The Adviser may attempt to replicate the Index return by investing in fewer than all of the securities in the Index, or in some securities not included in the Index, potentially increasing the risk of divergence between the Portfolio’s return and that of the Index.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

**YEAR-BY-YEAR TOTAL RETURN**

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>25.91%</td>
</tr>
<tr>
<td>2011</td>
<td>-20.73%</td>
</tr>
<tr>
<td>2012</td>
<td>-25.81%</td>
</tr>
<tr>
<td>2013</td>
<td>32.92%</td>
</tr>
<tr>
<td>2014</td>
<td>17.58%</td>
</tr>
<tr>
<td>2015</td>
<td>10.92%</td>
</tr>
<tr>
<td>2016</td>
<td>-9.28%</td>
</tr>
<tr>
<td>2017</td>
<td>-2.52%</td>
</tr>
<tr>
<td>2018</td>
<td>20.43%</td>
</tr>
<tr>
<td>2019</td>
<td>15.98%</td>
</tr>
</tbody>
</table>

The bar chart above shows changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.
Management

Investment Adviser(s)
The Portfolio is managed by Thrivent Financial for Lutherans ("Thrivent Financial" or the "Adviser").

Portfolio Manager(s)

Brian W. Bomgren, CQF and Sharon Wang, CFA, FRM are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Bomgren and Ms. Wang have served as portfolio managers of the Portfolio since January 2018. Mr. Bomgren has been with Thrivent Financial since 2006 and is currently a Senior Portfolio Manager. Ms. Wang has been with Thrivent Financial since 2017 and is currently a Senior Portfolio Manager. Prior to joining Thrivent Financial, Ms. Wang worked at Bryn Mawr Capital Management as a portfolio manager from 2009 to 2016.

Purchase and Sale of Shares
Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

• Separate accounts of Thrivent Financial;
• Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
• Other Portfolios of the Fund.

Tax Information
For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries
If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Mid Cap Stock Portfolio

**Investment Objective**
Thrivent Mid Cap Stock Portfolio (the “Portfolio”) seeks long-term capital growth.

**Fees and Expenses**
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

**SHAREHOLDER FEES**
(fees paid directly from your investment)

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Fee Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**ANNUAL PORTFOLIO OPERATING EXPENSES**
(expenses that you pay each year as a percentage of the value of your investment)

<table>
<thead>
<tr>
<th>Expense Type</th>
<th>Fee Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.63%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.03%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.66%</td>
</tr>
</tbody>
</table>

**EXAMPLE**
This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Period</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Year</td>
<td>$67</td>
</tr>
<tr>
<td>3 Years</td>
<td>$211</td>
</tr>
<tr>
<td>5 Years</td>
<td>$368</td>
</tr>
<tr>
<td>10 Years</td>
<td>$822</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 34% of the average value of its portfolio.

**Principal Strategies**
Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in equity securities of mid-sized companies. The Adviser focuses mainly on the equity securities of mid-sized U.S. companies which have market capitalizations equivalent to those included in widely known indices such as the Russell Midcap Index, S&P MidCap 400 Index, or the mid-sized company market capitalization classifications published by Lipper, Inc. These companies typically have a market capitalization of approximately $2 billion to $25 billion. Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Portfolio seeks to achieve its investment objective by investing in common stocks. The Adviser uses fundamental, quantitative, and technical investment research techniques to determine what securities to buy and sell. Fundamental techniques assess a security's value based on an issuer's financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements. The Adviser generally looks for mid-sized companies that, in its opinion:

- have prospects for growth in their sales and earnings;
- are in an industry with a good economic outlook;
- have high-quality management; and/or
- have a strong financial position.

The Adviser may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets to more promising opportunities.

**Principal Risks**
The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less
liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer's securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio's investment objective.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the "Index Descriptions" section of the prospectus. The Portfolio now compares its returns to the Russell Midcap Index because it is commonly used by funds with the same investment objective and principal strategies as the Portfolio. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance over time.

![YEAR-BY-YEAR TOTAL RETURN](image)

- **Best Quarter:** Q4 '10 +16.02%
- **Worst Quarter:** Q3 '11 (22.00)%
Management

Investment Adviser(s)

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)

Brian J. Flanagan, CFA is primarily responsible for the day-to-day management of the Portfolio. Mr. Flanagan has been a portfolio manager of the Portfolio since December 2004. He has been with Thrivent Financial since 1994 and a portfolio manager since 2000.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

• **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

• **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Mid Cap Value Portfolio

Investment Objective

Thrivent Mid Cap Value Portfolio (the "Portfolio") seeks long-term capital growth. The Portfolio's investment objective may be changed without shareholder approval.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
<th>1 Year</th>
<th>3 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>(fees paid directly from your investment)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES</th>
<th>1 Year</th>
<th>3 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>(expenses that you pay each year as a percentage of the value of your investment)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management Fees</td>
<td>0.75%</td>
<td></td>
</tr>
<tr>
<td>Other Expenses¹</td>
<td>3.13%</td>
<td></td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>3.88%</td>
<td></td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements²</td>
<td>2.98%</td>
<td></td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
<td>0.90%</td>
<td></td>
</tr>
</tbody>
</table>

¹ These expenses are based on estimated amounts for the current fiscal year.
² The Adviser has contractually agreed, through at least April 30, 2021, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent Mid Cap Value Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements to an annual rate of 0.90% of the average daily net assets of the shares. This contractual provision, however, may be terminated before the indicated termination date upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

Example

This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

| Portfolio Mid Cap Value Portfolio | $92  | $909 |

Portfolio Turnover

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. Because the Portfolio had not yet commenced operations prior to the date of this prospectus, the Portfolio’s portfolio turnover rate for the most recent fiscal year end is not yet available.

Principal Strategies

Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in equity securities of mid-sized companies. The Adviser focuses mainly on the equity securities of mid-sized U.S. companies which have market capitalizations equivalent to those included in widely known indices such as the Russell Midcap Value Index, S&P MidCap 400 Index, or the mid-sized company market capitalization classifications published by Lipper, Inc. These companies typically have a market capitalization of approximately $2 billion to $25 billion. Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Portfolio seeks to achieve its investment objective by investing primarily in common stocks. The Adviser uses fundamental, quantitative, and technical investment research techniques and focuses on stocks of companies that it believes are undervalued in relation to their long-term earnings power or asset value. These stocks typically, but not always, have below average price-to-earnings and price-to-book value ratios. The Adviser may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets to more promising opportunities.
The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Value Investing Risk.** Value style investing includes the risk that stocks of undervalued companies may not rise as quickly as anticipated if the market doesn’t recognize their intrinsic value or if value stocks are out of favor.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer's securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio's investment objective.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

No performance information for the Portfolio is provided because it had not commenced operations prior to the date of this prospectus and does not yet have a full calendar year of performance history. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end that takes place after April 30, 2020.

How the Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance over time.

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

**Graham Wong, CFA** is primarily responsible for the day-to-day management of the Portfolio. Mr. Wong has served as portfolio manager of the Portfolio since April 2020. Mr. Wong has been a portfolio manager at Thrivent Financial since 2013, when he joined the firm.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.
Tax Information
For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries
If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary's website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

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You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Moderate Allocation Portfolio

Investment Objective
Thrivent Moderate Allocation Portfolio (the "Portfolio") seeks long-term capital growth while providing reasonable stability of principal.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.59%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.03%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acquired Fund Fees and Expenses</td>
<td>0.19%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.81%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements¹</td>
<td></td>
<td>0.17%</td>
<td></td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements¹</td>
<td></td>
<td>0.64%</td>
<td></td>
</tr>
</tbody>
</table>

¹ The Adviser has contractually agreed, for as long as the current fee structure is in place and through at least April 30, 2021, to waive an amount equal to any management fees indirectly incurred by the Portfolio as a result of its investment in any other mutual fund for which the Adviser or an affiliate serves as investment adviser, other than Thrivent Cash Management Trust. This contractual provision may be terminated upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Portfolio Turnover</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Moderate Allocation Portfolio</td>
<td>$65</td>
<td>$242</td>
<td>$433</td>
<td>$986</td>
</tr>
</tbody>
</table>

Principal Strategies
The Portfolio pursues its objective by investing in a combination of other funds managed by the Adviser or an affiliate and directly held financial instruments. The Portfolio is designed for investors who seek moderate long-term capital growth with reasonable stability of principal and are comfortable with moderate levels of risk and volatility. The Portfolio uses a prescribed asset allocation strategy involving a two-step process that is designed to achieve its desired risk tolerance. The first step is the construction of a model for the allocation of the Portfolio’s assets across broad asset categories (namely, equity securities and debt securities). The second step involves the determination of sub-classes within the broad asset categories and target weightings (i.e., what the Adviser determines is the strategic allocation) for these sub-classes. Sub-classes for equity securities may be based on market capitalization, investment style (such as growth or value), or economic sector. Sub-classes for debt securities may be based on maturity, duration, security type or credit rating (high yield—commonly known as “junk bonds”—or investment grade).

The use of target weightings for various sub-classes within broad asset categories is intended as a multi-style approach to reduce the risk of investing in securities having common characteristics. The Portfolio may buy and sell futures contracts to either hedge its exposure or obtain exposure to certain investments.
The Portfolio may invest in foreign securities, including those of issuers in emerging markets. An “emerging market” country is any country determined by the Adviser to have an emerging market economy, considering factors such as the country’s credit rating, its political and economic stability and the development of its financial and capital markets.

Under normal circumstances, the Portfolio invests in the following broad asset classes within the ranges given:

<table>
<thead>
<tr>
<th>Broad Asset Category</th>
<th>Target Allocation</th>
<th>Allocation Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity Securities</td>
<td>57%</td>
<td>35-75%</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>43%</td>
<td>25-65%</td>
</tr>
</tbody>
</table>

The Portfolio's actual holdings in each broad asset category may be outside the applicable allocation range from time to time due to differing investment performance among asset categories. The Adviser will rebalance the Portfolio at least annually so that its holdings are within the ranges for the broad asset categories.

The Portfolio pursues its investment strategy by investing primarily in other mutual funds managed by the Adviser or an affiliate. The names of the funds managed by the Adviser or an affiliate which are currently available for investment by the Portfolio are shown in the list below. The list is provided for information purposes only. The Adviser may change the availability of the funds managed by the Adviser or an affiliate for investment by the Portfolio without shareholder approval or advance notice to shareholders.

**Equity Securities**
- Small Cap
  - Thrivent Small Cap Stock Portfolio
- Mid Cap
  - Thrivent Mid Cap Stock Portfolio
- Large Cap
  - Thrivent Global Stock Portfolio
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Value Portfolio
- Other
  - Thrivent International Allocation Portfolio
  - Thrivent Core International Equity Fund
  - Thrivent Core Low Volatility Equity Fund

**Debt Securities**
- High Yield Bonds
  - Thrivent High Yield Portfolio
- Intermediate/Long-Term Bonds
  - Thrivent Income Portfolio
- Short-Term/Intermediate Bonds
  - Thrivent Limited Maturity Bond Portfolio
  - Thrivent Core Emerging Markets Debt Fund

**Short-Term Debt Securities**
- Money Market
  - Thrivent Cash Management Trust
- Other
  - Thrivent Core Short-Term Reserve Fund

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Allocation Risk.** The Portfolio’s investment performance depends upon how its assets are allocated across broad asset categories and applicable sub-classes within such categories. Some broad asset categories and sub-classes may perform below expectations or the securities markets generally over short and extended periods. Therefore, a principal risk of investing in the Portfolio is that the allocation strategies used and the allocation decisions made will not produce the desired results.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.
Large Cap Risk. Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

Mid Cap Risk. Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

Market Risk. Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

Credit Risk. Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

Other Funds Risk. Because the Portfolio invests in other funds managed by the Adviser or an affiliate (“Other Funds”), the performance of the Portfolio is dependent, in part, upon the performance of Other Funds in which the Portfolio may invest. As a result, the Portfolio is subject to the same risks as those faced by the Other Funds. In addition, Other Funds may be subject to additional fees and expenses that will be borne by the Portfolio.

High Yield Risk. High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer’s continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

Foreign Securities Risk. Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

Emerging Markets Risk. The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

Foreign Currency Risk. The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

Small Cap Risk. Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small
value of the Portfolio.

**Growth Investing Risk.** Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company’s earnings or revenues fall short of expectations, its stock price may fall dramatically.

**Value Investing Risk.** Value style investing includes the risk that stocks of undervalued companies may not rise as quickly as anticipated if the market doesn’t recognize their intrinsic value or if value stocks are out of favor.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio's investment objective.

**Conflicts of Interest Risk.** An investment in the Portfolio will be subject to a number of actual or potential conflicts of interest. For example, the Adviser or its affiliates may provide services to the Portfolio for which the Portfolio would compensate the Adviser and/or such affiliates. The Portfolio may invest in other pooled investment vehicles sponsored, managed, or otherwise affiliated with the Adviser, including other Portfolios. The Adviser may have an incentive (financial or otherwise) to enter into transactions or arrangements on behalf of the Portfolio with itself or its affiliates in circumstances where it might not have done so otherwise.

The Adviser or its affiliates manage other investment funds and/or accounts (including proprietary accounts) and have other clients with investment objectives and strategies that are similar to, or overlap with, the investment objective and strategy of the Portfolio, creating conflicts of interest in investment and allocation decisions regarding the allocation of investments that could be appropriate for the Portfolio and other clients of the Adviser or their affiliates.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer's securities and therefore the value of the Portfolio.

**Quantitative Investing Risk.** Quantitative Investing Risk is the risk that securities selected according to a quantitative analysis methodology can perform differently from the market as a whole based on the model and the factors used in the analysis, the weight placed on each factor and changes in the factor's historical trends. Such models are based on assumptions of these and other market factors, and the models may not take into account certain factors, or perform as intended, and may result in a decline in the value of the Portfolio's portfolio.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes equity futures in order to increase or decrease its exposure to various asset classes at a lower cost than trading stocks directly. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Portfolio Turnover Rate Risk.** The Portfolio may engage in active and frequent trading of portfolio securities in implementing its principal investment strategies. A high rate of portfolio turnover (100% or more) involves correspondingly greater expenses which are borne by the Portfolio and its shareholders and may also result in short-term capital gains taxable to shareholders.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual
returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>15.66%</td>
</tr>
<tr>
<td>2011</td>
<td>11.72%</td>
</tr>
<tr>
<td>2012</td>
<td>15.12%</td>
</tr>
<tr>
<td>2013</td>
<td>5.88%</td>
</tr>
<tr>
<td>2014</td>
<td>8.89%</td>
</tr>
<tr>
<td>2015</td>
<td>12.95%</td>
</tr>
<tr>
<td>2016</td>
<td>(4.44)%</td>
</tr>
<tr>
<td>2017</td>
<td>18.75%</td>
</tr>
<tr>
<td>2018</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td></td>
</tr>
</tbody>
</table>

Best Quarter: Q1 '19 +8.83%
Worst Quarter: Q3 '11 (10.91)%

Thrivent Moderate Allocation Portfolio

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Moderate Allocation Portfolio</td>
<td>18.75%</td>
<td>6.78%</td>
<td>7.84%</td>
</tr>
<tr>
<td>S&amp;P 500® Index (reflects no deduction for fees, expenses or taxes)</td>
<td>31.49%</td>
<td>11.70%</td>
<td>13.56%</td>
</tr>
<tr>
<td>Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)</td>
<td>8.72%</td>
<td>3.05%</td>
<td>3.75%</td>
</tr>
<tr>
<td>MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)</td>
<td>21.51%</td>
<td>5.51%</td>
<td>4.97%</td>
</tr>
</tbody>
</table>

Management

Investment Adviser(s)

The Portfolio is managed by Thrivent Financial for Lutherans ("Thrivent Financial" or the "Adviser").

Portfolio Manager(s)

Mark L. Simenstad, CFA, Darren M. Bagwell, CFA, Stephen D. Lowe, CFA, David S. Royal and David R. Spangler, CFA are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Simenstad has served as a portfolio manager of the Portfolio since April 2005. Mr. Bagwell and Mr. Lowe have served as portfolio managers of the Portfolio since April 2016. Mr. Royal has served as portfolio manager of the Portfolio since April 2018. Mr. Spangler has served as a portfolio manager of the Portfolio since February 2019. Mr. Simenstad is Chief Investment Strategist and has been with Thrivent Financial since 1999. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial in an investment management capacity since 2002. Mr. Lowe is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1997. He has served as a portfolio manager since 2009. Mr. Royal is Chief Investment Officer and has been with Thrivent Financial since 2006. Mr. Spangler has been with Thrivent Financial since 2002, in an investment management capacity since 2006 and currently is a Senior Portfolio Manager.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the "Fund") may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

• **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

• **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
**Investment Objective**

Thrivent Moderately Aggressive Allocation Portfolio (the "Portfolio") seeks long-term capital growth.

**Fees and Expenses**

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

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<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**ANNUAL PORTFOLIO OPERATING EXPENSES**

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

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<td>0.65%</td>
</tr>
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<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
</tr>
<tr>
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<td>0.23%</td>
<td>0.23%</td>
<td>0.23%</td>
<td>0.23%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.91%</td>
<td>0.91%</td>
<td>0.91%</td>
<td>0.91%</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements</td>
<td>0.21%</td>
<td>0.21%</td>
<td>0.21%</td>
<td>0.21%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
<td>0.70%</td>
<td>0.70%</td>
<td>0.70%</td>
<td>0.70%</td>
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<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>$72</td>
<td>$269</td>
<td>$483</td>
<td>$1,100</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 93% of the average value of its portfolio.

**Principal Strategies**

The Portfolio pursues its objective by investing in a combination of other funds managed by the Adviser or an affiliate and directly held financial instruments. The Portfolio is designed for investors who seek moderately greater long-term capital growth and are comfortable with moderately higher levels of risk and volatility. The Portfolio uses a prescribed asset allocation strategy involving a two-step process that is designed to achieve its desired risk tolerance. The first step is the construction of a model for the allocation of the Portfolio’s assets across broad asset categories (namely, equity securities and debt securities). The second step involves the determination of sub-classes within the broad asset categories and target weightings (i.e., what the Adviser determines is the strategic allocation) for these sub-classes. Sub-classes for equity securities may be based on market capitalization, investment style (such as growth or value), or economic sector. Sub-classes for debt securities may be based on maturity, duration, security type or credit rating (high yield—commonly known as “junk bonds”—or investment grade).

The use of target weightings for various sub-classes within broad asset categories is intended as a multi-style approach to reduce the risk of investing in securities having common characteristics. The Portfolio may buy and sell futures contracts to either hedge its exposure or obtain exposure to certain investments.

The Portfolio may invest in foreign securities, including those of issuers in emerging markets. An “emerging
“market” country is any country determined by the Adviser to have an emerging market economy, considering factors such as the country’s credit rating, its political and economic stability and the development of its financial and capital markets.

Under normal circumstances, the Portfolio invests in the following broad asset classes within the ranges given:

<table>
<thead>
<tr>
<th>Broad Asset Category</th>
<th>Target Allocation</th>
<th>Allocation Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity Securities</td>
<td>77%</td>
<td>55-90%</td>
</tr>
<tr>
<td>Debt Securities</td>
<td>23%</td>
<td>10-45%</td>
</tr>
</tbody>
</table>

The Portfolio's actual holdings in each broad asset category may be outside the applicable allocation range from time to time due to differing investment performance among asset categories. The Adviser will rebalance the Portfolio at least annually so that its holdings are within the ranges for the broad asset categories.

The Portfolio pursues its investment strategy by investing primarily in other mutual funds managed by the Adviser or an affiliate. The names of the funds managed by the Adviser or an affiliate which are currently available for investment by the Portfolio are shown in the list below. The list is provided for information purposes only. The Adviser may change the availability of the funds managed by the Adviser or an affiliate for investment by the Portfolio without shareholder approval or advance notice to shareholders.

### Equity Securities
- **Small Cap**
  - Thrivent Small Cap Stock Portfolio
- **Mid Cap**
  - Thrivent Mid Cap Stock Portfolio
- **Large Cap**
  - Thrivent Global Stock Portfolio
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Value Portfolio
- **Other**
  - Thrivent International Allocation Portfolio
  - Thrivent Core International Equity Fund
  - Thrivent Core Low Volatility Equity Fund

### Debt Securities
- **High Yield Bonds**
  - Thrivent High Yield Portfolio
- **Intermediate/Long-Term Bonds**
  - Thrivent Income Portfolio
- **Short-Term/Intermediate Bonds**
  - Thrivent Limited Maturity Bond Portfolio
- **Other**
  - Thrivent Core Emerging Markets Debt Fund

### Short-Term Debt Securities
- **Money Market**
  - Thrivent Cash Management Trust
- **Other**
  - Thrivent Core Short-Term Reserve Fund

### Principal Risks

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

#### Allocation Risk
The Portfolio's investment performance depends upon how its assets are allocated across broad asset categories and applicable sub-classes within such categories. Some broad asset categories and sub-classes may perform below expectations or the securities markets generally over short and extended periods. Therefore, a principal risk of investing in the Portfolio is that the allocation strategies used and the allocation decisions made will not produce the desired results.

#### Equity Security Risk
Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

#### Large Cap Risk
Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

#### Small Cap Risk
Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

#### Mid Cap Risk
Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.
Market Risk. Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

Other Funds Risk. Because the Portfolio invests in other funds managed by the Adviser or an affiliate (“Other Funds”), the performance of the Portfolio is dependent, in part, upon the performance of Other Funds in which the Portfolio may invest. As a result, the Portfolio is subject to the same risks as those faced by the Other Funds. In addition, Other Funds may be subject to additional fees and expenses that will be borne by the Portfolio.

Growth Investing Risk. Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company’s earnings or revenues fall short of expectations, its stock price may fall dramatically.

Value Investing Risk. Value style investing includes the risk that stocks of undervalued companies may not rise as quickly as anticipated if the market doesn’t recognize their intrinsic value or if value stocks are out of favor.

Foreign Securities Risk. Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

Emerging Markets Risk. The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

Foreign Currency Risk. The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

Interest Rate Risk. Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

Credit Risk. Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

Investment Adviser Risk. The Portfolio is actively managed and the success of its investment strategy
also be subject to counterparty risk, which is the risk
illiquid and difficult to value. Certain derivatives may
amount invested. Derivatives can be highly volatile,
the Portfolio could lose much more than the original
as intended with the underlying asset, rate or index, and
Changes in the value of the derivative may not correlate
be magnified by certain features of the contract.
value of the underlying asset, index or rate, which may
losses because of adverse movements in the price or
trading stocks directly. The use of derivatives can lead to
exposure to various asset classes at a lower cost than
utilizes equity futures in order to increase or decrease its
exposure to various asset classes at a lower cost than
trading stocks directly. The use of derivatives can lead to
losses because of adverse movements in the price or
value of the underlying asset, index or rate, which may
be magnified by certain features of the contract.
Changes in the value of the derivative may not correlate
as intended with the underlying asset, rate or index, and
the Portfolio could lose much more than the original
amount invested. Derivatives can be highly volatile,
iliquid and difficult to value. Certain derivatives may
also be subject to counterparty risk, which is the risk

Conflicts of Interest Risk. An investment in the
Portfolio will be subject to a number of actual or
potential conflicts of interest. For example, the Adviser
or its affiliates may provide services to the Portfolio for
which the Portfolio would compensate the Adviser
and/or such affiliates. The Portfolio may invest in other
pooled investment vehicles sponsored, managed, or
otherwise affiliated with the Adviser, including other
Portfolios. The Adviser may have an incentive (financial
or otherwise) to enter into transactions or arrangements
on behalf of the Portfolio with itself or its affiliates in
circumstances where it might not have done so
otherwise.

The Adviser or its affiliates manage other investment
funds and/or accounts (including proprietary accounts)
and have other clients with investment objectives and
strategies that are similar to, or overlap with, the
investment objective and strategy of the Portfolio,
creating conflicts of interest in investment and
allocation decisions regarding the allocation of
investments that could be appropriate for the Portfolio
and other clients of the Adviser or their affiliates.

Issuer Risk. Issuer risk is the possibility that factors
specific to an issuer to which the Portfolio is exposed
will affect the market prices of the issuer's securities and
therefore the value of the Portfolio.

Quantitative Investing Risk. Quantitative Investing
Risk is the risk that securities selected according to a
quantitative analysis methodology can perform
differently from the market as a whole based on the
model and the factors used in the analysis, the weight
placed on each factor and changes in the factor's
historical trends. Such models are based on assumptions
of these and other market factors, and the models may
not take into account certain factors, or perform as
intended, and may result in a decline in the value of the
Portfolio's portfolio.

Derivatives Risk. The use of derivatives (such as
futures) involves additional risks and transaction costs
which could leave the Portfolio in a worse position than
if it had not used these instruments. The Portfolio
utilizes equity futures in order to increase or decrease its
exposure to various asset classes at a lower cost than
trading stocks directly. The use of derivatives can lead to
losses because of adverse movements in the price or
value of the underlying asset, index or rate, which may
be magnified by certain features of the contract.
Changes in the value of the derivative may not correlate
as intended with the underlying asset, rate or index, and
the Portfolio could lose much more than the original
amount invested. Derivatives can be highly volatile,
iliquid and difficult to value. Certain derivatives may
also be subject to counterparty risk, which is the risk

Health Crisis Risk. The global pandemic outbreak of
the novel coronavirus known as COVID-19 has resulted
in substantial market volatility and global business
disruption. The duration and full effects of the outbreak
are uncertain and may result in trading suspensions and
market closures, limit liquidity and the ability of the
Portfolio to process shareholder redemptions, and
negatively impact Portfolio performance. The COVID-19
outbreak and future pandemics could affect the global
economy in ways that cannot be foreseen and may
exacerbate other types of risks, negatively impacting the
value of the Portfolio.

Performance
The following bar chart and table provide an indication
of the risks of investing in the Portfolio by showing
changes in the Portfolio's performance from year to year
and by showing how the Portfolio's average annual
returns for one-, five- and ten-year periods compared to
broad-based securities market indices. The index
descriptions appear in the "Index Descriptions" section
of the prospectus. Call 800-847-4836 or visit
Thrivent.com for performance results current to the
most recent month-end.

The bar chart and table include the effects of Portfolio
expenses, but not charges or deductions against your
variable contract, and assume that you sold your
investment at the end of the period. Because shares of
the Portfolio are offered through variable life insurance
and variable annuity contracts, you should carefully
review the variable contract prospectus for information
on applicable charges and expenses. If the charges and
deductions against your variable contract were included,
returns would be lower than those shown.

How a Portfolio has performed in the past is not
necessarily an indication of how it will perform in the
future. Performance information provides some
indication of the risks of investing in the Portfolio by
showing changes in the Portfolio's performance over
time.

YEAR-BYEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>11.43%</td>
</tr>
<tr>
<td>2011</td>
<td>12.87%</td>
</tr>
<tr>
<td>2012</td>
<td>21.30%</td>
</tr>
<tr>
<td>2013</td>
<td>6.05%</td>
</tr>
<tr>
<td>2014</td>
<td>10.23%</td>
</tr>
<tr>
<td>2015</td>
<td>16.79%</td>
</tr>
<tr>
<td>2016</td>
<td>22.11%</td>
</tr>
<tr>
<td>2017</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td></td>
</tr>
</tbody>
</table>
### Average Annual Total Returns

<table>
<thead>
<tr>
<th></th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Moderately Aggressive Allocation Portfolio</td>
<td>22.11%</td>
<td>7.99%</td>
<td>9.11%</td>
</tr>
<tr>
<td>S&amp;P 500® Index (reflects no deduction for fees, expenses or taxes)</td>
<td>31.49%</td>
<td>11.70%</td>
<td>13.56%</td>
</tr>
<tr>
<td>Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)</td>
<td>8.72%</td>
<td>3.05%</td>
<td>3.75%</td>
</tr>
<tr>
<td>MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)</td>
<td>21.51%</td>
<td>5.51%</td>
<td>4.97%</td>
</tr>
</tbody>
</table>

### Management

**Investment Adviser(s)**
The Portfolio is managed by Thrivent Financial for Lutherans ("Thrivent Financial" or the "Adviser").

**Portfolio Manager(s)**

**Mark L. Simenstad, CFA, Darren M. Bagwell, CFA, Stephen D. Lowe, CFA, David S. Royal** and **David R. Spangler, CFA** are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Simenstad has served as a portfolio manager of the Portfolio since April 2005. Mr. Bagwell and Mr. Lowe have served as portfolio managers of the Portfolio since April 2016. Mr. Royal has served as portfolio manager of the Portfolio since April 2018. Mr. Spangler has served as a portfolio manager of the Portfolio since February 2019. Mr. Simenstad is Chief Investment Strategist and has been with Thrivent Financial since 1999. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial in an investment management capacity since 2002. Mr. Lowe is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1997. He has served as a portfolio manager since 2009. Mr. Royal is Chief Investment Officer and has been with Thrivent Financial since 2006. Mr. Spangler has been with Thrivent Financial since 2002, in an investment management capacity since 2006 and currently is a Senior Portfolio Manager.

### Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:
- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

### Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

### Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Investment Objective

Thrivent Moderately Conservative Allocation Portfolio (the "Portfolio") seeks long-term capital growth while providing reasonable stability of principal.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

ANNUAL PORTFOLIO OPERATING EXPENSES

<table>
<thead>
<tr>
<th>EXPENSES</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.56%</td>
<td>0.56%</td>
<td>0.56%</td>
<td>0.56%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
</tr>
<tr>
<td>Acquired Fund Fees and Expenses</td>
<td>0.14%</td>
<td>0.14%</td>
<td>0.14%</td>
<td>0.14%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.73%</td>
<td>0.73%</td>
<td>0.73%</td>
<td>0.73%</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements</td>
<td>0.13%</td>
<td>0.13%</td>
<td>0.13%</td>
<td>0.13%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
<td>0.60%</td>
<td>0.60%</td>
<td>0.60%</td>
<td>0.60%</td>
</tr>
</tbody>
</table>

1 The Adviser has contractually agreed, for as long as the current fee structure is in place and through at least April 30, 2021, to waive an amount equal to any management fees indirectly incurred by the Portfolio as a result of its investment in any other mutual fund for which the Adviser or an affiliate serves as investment adviser, other than Thrivent Cash Management Trust. This contractual provision may be terminated upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Portfolio Turnover</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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The use of target weightings for various sub-classes within broad asset categories is intended as a multi-style approach to reduce the risk of investing in securities having common characteristics. The Portfolio may buy...
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<td>Debt Securities</td>
<td>63%</td>
<td>35-85%</td>
</tr>
<tr>
<td>Equity Securities</td>
<td>37%</td>
<td>15-65%</td>
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- Other
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**Equity Securities**
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  - Thrivent Small Cap Stock Portfolio
- Mid Cap
  - Thrivent Mid Cap Stock Portfolio
- Large Cap
  - Thrivent Global Stock Portfolio
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Value Portfolio
- Other
  - Thrivent International Allocation Portfolio
  - Thrivent Core International Equity Fund
  - Thrivent Core Low Volatility Equity Fund

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Allocation Risk.** The Portfolio’s investment performance depends upon how its assets are allocated across broad asset categories and applicable sub-classes within such categories. Some broad asset categories and sub-classes may perform below expectations or the securities markets generally over short and extended periods. Therefore, a principal risk of investing in the Portfolio is that the allocation strategies used and the allocation decisions made will not produce the desired results.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease...
more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Credit Risk.** Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

**Mortgage-Backed and Other Asset-Backed Securities Risk.** The value of mortgage-backed and asset-backed securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. In addition, both mortgage-backed and asset-backed securities are sensitive to changes in the repayment patterns of the underlying security. If the principal payment on the underlying asset is repaid faster or slower than the holder of the asset-backed or mortgage-backed security anticipates, the price of the security may fall, particularly if the holder must reinvest the repaid principal at lower rates or must continue to hold the security when interest rates rise. This effect may cause the value of the Portfolio to decline and reduce the overall return of the Portfolio.

**Government Securities Risk.** The Portfolio invests in securities issued or guaranteed by the U.S. government or its agencies and instrumentalities (such as Federal Home Loan Bank, Ginnie Mae, Fannie Mae or Freddie Mac securities). Securities issued or guaranteed by Federal Home Loan Banks, Ginnie Mae, Fannie Mae or Freddie Mac are not issued directly by the U.S. government. Ginnie Mae is a wholly owned U.S. corporation that is authorized to guarantee, with the full faith and credit of the U.S. government, the timely payment of principal and interest of its securities. By contrast, securities issued or guaranteed by U.S. government-related organizations such as Federal Home Loan Banks, Fannie Mae and Freddie Mac are not backed by the full faith and credit of the U.S. government. No assurance can be given that the U.S. government would provide financial support to its agencies and instrumentalities if not required to do so by law. In addition, the value of U.S. government securities may be affected by changes in the credit rating of the U.S. government.

**High Yield Risk.** High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer's continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Other Funds Risk.** Because the Portfolio invests in other funds managed by the Adviser or an affiliate ("Other Funds"), the performance of the Portfolio is dependent, in part, upon the performance of Other Funds in which the Portfolio may invest. As a result, the Portfolio is subject to the same risks as those faced by the Other Funds. In addition, Other Funds may be subject to additional fees and expenses that will be borne by the Portfolio.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio's investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio's ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security's value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S.
or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Conflicts of Interest Risk.** An investment in the Portfolio will be subject to a number of actual or potential conflicts of interest. For example, the Adviser or its affiliates may provide services to the Portfolio for which the Portfolio would compensate the Adviser and/or such affiliates. The Portfolio may invest in other pooled investment vehicles sponsored, managed, or otherwise affiliated with the Adviser, including other Portfolios. The Adviser may have an incentive (financial or otherwise) to enter into transactions or arrangements on behalf of the Portfolio with itself or its affiliates in circumstances where it might not have done so otherwise.

The Adviser or its affiliates manage other investment funds and/or accounts (including proprietary accounts) and have other clients with investment objectives and strategies that are similar to, or overlap with, the investment objective and strategy of the Portfolio, creating conflicts of interest in investment and allocation decisions regarding the allocation of investments that could be appropriate for the Portfolio and other clients of the Adviser or their affiliates.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Quantitative Investing Risk.** Quantitative Investing Risk is the risk that securities selected according to a quantitative analysis methodology can perform differently from the market as a whole based on the model and the factors used in the analysis, the weight placed on each factor and changes in the factor’s historical trends. Such models are based on assumptions of these and other market factors, and the models may not take into account certain factors, or perform as intended, and may result in a decline in the value of the Portfolio’s portfolio.

**Leveraged Loan Risk.** Leveraged loans (also known as bank loans) are subject to the risks typically associated with debt securities. In addition, leveraged loans, which typically hold a senior position in the capital structure of a borrower, are subject to the risk that a court could subordinate such loans to presently existing or future indebtedness or take other action detrimental to the holders of leveraged loans. Leveraged loans are also subject to the risk that the value of the collateral, if any, securing a loan may decline, be insufficient to meet the obligations of the borrower, or be difficult to liquidate. Some leveraged loans are not as easily purchased or sold as publicly-traded securities and others are illiquid, which may make it more difficult for the Portfolio to value them or dispose of them at an acceptable price. Below investment-grade leveraged loans are typically more credit sensitive. In the event of fraud or misrepresentation, the Portfolio may not be protected under federal securities laws with respect to leveraged loans that may not be in the form of “securities.” The settlement period for some leveraged loans may be more than seven days.

**Prepayment Risk.** When interest rates fall, certain obligations will be paid off by the obligor more quickly than originally anticipated, and a Portfolio may have to invest the proceeds in securities with lower yields. In periods of falling interest rates, the rate of prepayments tends to increase (as does price fluctuation) as borrowers are motivated to pay off debt and refinance at new lower rates. During such periods, reinvestment of the prepayment proceeds by the management team will generally be at lower rates of return than the return on
the assets that were prepaid. Prepayment generally reduces the yield to maturity and the average life of the security.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes equity futures in order to increase or decrease its exposure to various asset classes at a lower cost than trading stocks directly. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Portfolio Turnover Rate Risk.** The Portfolio may engage in active and frequent trading of portfolio securities in implementing its principal investment strategies. A high rate of portfolio turnover (100% or more) involves correspondingly greater expenses which are borne by the Portfolio and its shareholders and may also result in short-term capital gains taxable to shareholders.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown. How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).
Portfolio Manager(s)

Mark L. Simenstad, CFA, Darren M. Bagwell, CFA, Stephen D. Lowe, CFA, David S. Royal and David R. Spangler, CFA are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Simenstad has served as a portfolio manager of the Portfolio since April 2005. Mr. Bagwell and Mr. Lowe have served as portfolio managers of the Portfolio since April 2016. Mr. Royal has served as portfolio manager of the Portfolio since April 2018. Mr. Spangler has served as a portfolio manager of the Portfolio since February 2019. Mr. Simenstad is Chief Investment Strategist and has been with Thrivent Financial since 1999. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial in an investment management capacity since 1999. Mr. Bagwell is Vice President, Chief Equity Strategist and has been with Thrivent Financial since 2002. Mr. Lowe is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1997. He has served as a portfolio manager since 2009. Mr. Royal is Chief Investment Officer and has been with Thrivent Financial since 2006. Mr. Spangler has been with Thrivent Financial since 2002, in an investment management capacity since 2006 and currently is a Senior Portfolio Manager.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Money Market Portfolio

Investment Objective
Thrivent Money Market Portfolio (the "Portfolio") seeks to achieve the maximum current income that is consistent with stability of capital and maintenance of liquidity.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

| SHAREHOLDER FEES | Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price) | N/A |
| SHAREHOLDER FEES | Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value) | N/A |

| ANNUAL PORTFOLIO OPERATING EXPENSES | Management Fees | 0.35% |
| ANNUAL PORTFOLIO OPERATING EXPENSES | Other Expenses | 0.10% |
| TOTAL ANNUAL PORTFOLIO OPERATING EXPENSES | 0.45% |

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Thrivent Money Market Portfolio</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>$46</td>
<td>$144</td>
<td>$252</td>
<td>$567</td>
<td></td>
</tr>
</tbody>
</table>

Principal Strategies
The Portfolio seeks to produce current income while maintaining liquidity by investing at least 99.5% of its total assets in government securities, cash and repurchase agreements collateralized fully by government securities or cash. Government securities are any securities issued or guaranteed as to principal or interest by the United States, or by a person controlled or supervised by and acting as an instrumentality of the government of the United States pursuant to authority granted by the Congress of the United States; or any certificate of deposit for any of the foregoing.

The Adviser manages the Portfolio subject to strict rules established by the Securities and Exchange Commission that are designed so that the Portfolio may maintain a stable $1.00 share price. Those rules generally require the Portfolio, among other things, to invest only in high quality securities that are denominated in U.S. dollars and have short remaining maturities. In addition, the rules require the Portfolio to maintain a dollar-weighted average maturity (WAM) of not more than 60 days and a dollar-weighted average life (WAL) of not more than 120 days. When calculating its WAM, the Portfolio may shorten its maturity by using the interest rate resets of certain adjustable rate securities. Generally, the Portfolio may not take into account these resets when calculating its WAL.

The Adviser typically uses U.S. Treasury securities, short-term discount notes issued by government-related organizations and government securities payable within seven-days or less to provide liquidity for reasonably foreseeable shareholder redemptions and to comply with regulatory requirements. The Adviser invests in other securities by selecting from the available supply of short-term government securities based on its interest rate outlook and analysis of quantitative and technical factors. Although the Portfolio frequently holds securities until maturity, the Adviser may sell securities to increase liquidity. The Adviser will select securities for such sales based on how close the sale price would be to their amortized costs.

Principal Risks
You could lose money by investing in the Portfolio. Although the Portfolio seeks to preserve the value of your investment at $1.00 per share, it cannot guarantee it will do so. An investment in the Portfolio is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The Portfolio’s sponsor has no legal obligation to provide financial support to the Portfolio, and you should not expect that the sponsor will provide financial support to
the Portfolio at any time. In addition, the Portfolio is subject to the following principal investment risks.

**Government Securities Risk.** The Portfolio invests in securities issued or guaranteed by the U.S. government or its agencies and instrumentalities (such as Federal Home Loan Bank, Ginnie Mae, Fannie Mae or Freddie Mac securities). Securities issued or guaranteed by Federal Home Loan Banks, Ginnie Mae, Fannie Mae or Freddie Mac are not issued directly by the U.S. government. Ginnie Mae is a wholly owned U.S. corporation that is authorized to guarantee, with the full faith and credit of the U.S. government, the timely payment of principal and interest of its securities. By contrast, securities issued or guaranteed by U.S. government-related organizations such as Federal Home Loan Banks, Fannie Mae and Freddie Mac are not backed by the full faith and credit of the U.S. government. No assurance can be given that the U.S. government would provide financial support to its agencies and instrumentalities if not required to do so by law. In addition, the value of U.S. government securities may be affected by changes in the credit rating of the U.S. government.

**Interest Rate Risk.** A weak economy, strong equity markets, or changes by the Federal Reserve in its monetary policies may cause short-term interest rates to increase and affect the Portfolio’s ability to maintain a stable share price.

**Credit Risk.** Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

**Redemption Risk.** The Portfolio may need to sell portfolio securities to meet redemption requests. The Portfolio could experience a loss when selling portfolio securities to meet redemption requests if there is (i) significant redemption activity by shareholders, including, for example, when a single investor or few large investors make a significant redemption of Portfolio shares, (ii) a disruption in the normal operation of the markets in which the Portfolio buys and sells portfolio securities or (iii) the inability of the Portfolio to sell portfolio securities because such securities are illiquid. In such events, the Portfolio could be forced to sell portfolio securities at unfavorable prices in an effort to generate sufficient cash to pay redeeming shareholders. Although the Portfolio generally does not have the ability to impose liquidity fees or temporarily suspend redemptions, the payment of redemption proceeds could be delayed or denied if the Portfolio is liquidated, to the extent permitted by applicable regulations.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing the Portfolio’s average annual returns for one-, five- and ten-year periods. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses and assume that you sold your investment at the end of the period. On February 1, 2016, the Portfolio changed its investment strategies from those of a prime money market fund to those of a government money market fund. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

**YEAR-BY-YEAR TOTAL RETURN**

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>1.83%</td>
</tr>
<tr>
<td>2018</td>
<td>1.48%</td>
</tr>
<tr>
<td>2017</td>
<td>0.50%</td>
</tr>
<tr>
<td>2016</td>
<td>0.00%</td>
</tr>
<tr>
<td>2015</td>
<td>0.00%</td>
</tr>
<tr>
<td>2014</td>
<td>0.00%</td>
</tr>
<tr>
<td>2013</td>
<td>0.00%</td>
</tr>
<tr>
<td>2012</td>
<td>0.00%</td>
</tr>
<tr>
<td>2011</td>
<td>0.00%</td>
</tr>
<tr>
<td>2010</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

**Best Quarter:** Q2 ’19 +0.50%

**Worst Quarter:** Q4 ’16 +0.00%

1The Portfolio’s performance was 0.00% for Q1 ’10 through Q3 ’16.
AVERAGE ANNUAL TOTAL RETURNS
(PERIODS ENDING DECEMBER 31, 2019)

<table>
<thead>
<tr>
<th></th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Money Market</td>
<td>1.83%</td>
<td>0.76%</td>
<td>0.38%</td>
</tr>
<tr>
<td>Portfolio</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The 7-day yield for the period ended December 31, 2019 was 1.36%. You may call 800-847-4836 to obtain the Portfolio’s current yield information.

Management

Investment Adviser(s)
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)

William D. Stouten is primarily responsible for the day-to-day management of the Portfolio. Mr. Stouten has served as portfolio manager of the Portfolio since October 2003. Prior to this position, he was a research analyst and trader for the Thrivent money market funds since 2001, when he joined Thrivent Financial.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Multidimensional Income Portfolio

Investment Objective

Thrivent Multidimensional Income Portfolio (the "Portfolio") seeks a high level of current income and, secondarily, growth of capital. The Portfolio’s investment objectives may be changed without shareholder approval.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.55%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.87%</td>
</tr>
<tr>
<td>Acquired Fund Fees and Expenses</td>
<td>0.30%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>1.72%</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements¹</td>
<td>0.47%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements¹</td>
<td>1.25%</td>
</tr>
</tbody>
</table>

¹ The Adviser has contractually agreed, through at least April 30, 2021, to waive a portion of the management fees associated with the shares of the Thrivent Multidimensional Income Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements to an annual rate of 0.95% of the average daily net assets of the shares. This contractual provision, however, may be terminated before the indicated termination date upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Multidimensional Income Portfolio</td>
<td>$127</td>
<td>$496</td>
<td>$889</td>
<td>$1,991</td>
</tr>
</tbody>
</table>

Portfolio Turnover

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 106% of the average value of its portfolio.

Principal Strategies

The Portfolio seeks to achieve its investment objectives by allocating assets across multiple income and growth producing asset classes and strategies. Debt securities in which the Portfolio invests include high yield, high risk bonds, notes, debentures and other debt obligations commonly known as “junk bonds.” At the time of purchase, these high-yield securities are rated within or below the “BB” major rating category by S&P or the “Ba” major rating category by Moody’s or are unrated but considered to be of comparable quality by the Adviser. The Portfolio will also implement its investment strategy by investing in convertible bonds and U.S. dollar denominated emerging markets sovereign debt.

The Portfolio also plans to invest in income-producing equity securities, including preferred stock and real estate investment trusts (“REITs”). The Portfolio will invest in other income-producing securities such as shares of closed-end funds (“CEFs”), publicly-traded business development companies (“BDCs”), master limited partnerships (“MLPs”), and exchange-traded funds (“ETFs”). CEFs are investment companies that issue a fixed number of shares that trade on a stock exchange or over-the-counter, typically at a premium or a discount to their net asset value. BDCs are publicly held investment funds that invest primarily in private
and thinly traded public U.S. businesses. MLPs are publicly-traded limited partnerships that are limited by the Internal Revenue Code to only apply to enterprises that engage in certain businesses, mostly pertaining to the use of natural resources. ETFs are investment companies generally designed to track the performance of a securities or other index or benchmark. The Portfolio may also pursue its investment strategy by investing in other mutual funds, including funds managed by the Adviser or an affiliate and unaffiliated funds.

The Portfolio may invest in other securities such as investment-grade corporate bonds, asset-backed securities, mortgage-backed securities (including commercially backed ones), and leveraged loans. The Portfolio utilizes derivatives primarily in the form of U.S. Treasury futures contracts in order to manage the Portfolio's duration, or interest rate risk. The Portfolio may enter into derivatives contracts traded on exchanges or in the over the counter market.

The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell. Fundamental techniques assess a security's value based on an issuer's financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

**Credit Risk.** Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

**High Yield Risk.** High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer’s continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

**Preferred Securities Risk.** There are certain additional risks associated with investing in preferred securities, including, but not limited to, preferred securities may include provisions that permit the issuer, at its discretion, to defer or omit distributions for a stated period without any adverse consequences to the issuer; preferred securities are generally subordinated to bonds and other debt instruments in a company’s capital structure in terms of having priority to corporate income and liquidation payments, and therefore will be subject to greater credit risk than more senior debt instruments; preferred securities may be substantially less liquid than many other securities, such as common stocks or U.S. Government securities; generally, traditional preferred securities offer no voting rights with respect to the issuing company unless preferred dividends have been in arrears for a specified number of periods, at which time the preferred security holders may elect a number of directors to the issuer’s board; and in certain varying circumstances, an issuer of preferred securities may redeem the securities prior to a specified date.

**Closed-End Fund (“CEF”) Risk.** Investments in CEFs are subject to various risks, including reliance on management’s ability to meet a CEF’s investment objective and to manage a CEF’s portfolio; fluctuation in the market value of a CEF’s shares compared to the changes in the value of the underlying securities that the CEF owns (i.e., trading at a discount or premium to its net asset value); and that CEFs are permitted to invest in a greater amount of “illiquid” securities than typical mutual funds. The Portfolio is subject to a pro-rata share of the management fees and expenses of each CEF in addition to the Portfolio’s management fees and expenses, resulting in Portfolio shareholders subject to higher expenses than if they invested directly in CEFs.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in...
the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio's share price to decline.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio's investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio's ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security's value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Mortgage-Backed and Other Asset-Backed Securities Risk.** The value of mortgage-backed and asset-backed securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. In addition, both mortgage-backed and asset-backed securities are sensitive to changes in the repayment patterns of the underlying security. If the principal payment on the underlying asset is repaid faster or slower than the holder of the asset-backed or mortgage-backed security anticipates, the price of the security may fall, particularly if the holder must reinvest the repaid principal at lower rates or must continue to hold the security when interest rates rise. This effect may cause the value of the Portfolio to decline and reduce the overall return of the Portfolio.

**Convertible Securities Risk.** Convertible securities are subject to the usual risks associated with debt securities, such as interest rate risk and credit risk. Convertible securities also react to changes in the value of the common stock into which they convert, and are thus subject to market risk. The Portfolio may also be forced to convert a convertible security at an inopportune time, which may decrease the Portfolio's return.

**Government Securities Risk.** The Portfolio invests in securities issued or guaranteed by the U.S. government or its agencies and instrumentalities (such as Federal Home Loan Bank, Ginnie Mae, Fannie Mae or Freddie Mac securities). Securities issued or guaranteed by Federal Home Loan Banks, Ginnie Mae, Fannie Mae or Freddie Mac are not issued directly by the U.S. government. Ginnie Mae is a wholly owned U.S. corporation that is authorized to guarantee, with the full faith and credit of the U.S. government, the timely payment of principal and interest of its securities. By contrast, securities issued or guaranteed by U.S. government-related organizations such as Federal Home Loan Banks, Fannie Mae and Freddie Mac are not backed by the full faith and credit of the U.S. government. No assurance can be given that the U.S. government would provide financial support to its agencies and instrumentalities if not required to do so by law. In addition, the value of U.S. government securities may be affected by changes in the credit rating of the U.S. government.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer's securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio's investment objective.
Conflicts of Interest Risk. An investment in the Portfolio will be subject to a number of actual or potential conflicts of interest. For example, the Adviser or its affiliates may provide services to the Portfolio for which the Portfolio would compensate the Adviser and/or such affiliates. The Portfolio may invest in other pooled investment vehicles sponsored, managed, or otherwise affiliated with the Adviser, including other Portfolios. The Adviser may have an incentive (financial or otherwise) to enter into transactions or arrangements on behalf of the Portfolio with itself or its affiliates in circumstances where it might not have done so otherwise.

The Adviser or its affiliates manage other investment funds and/or accounts (including proprietary accounts) and have other clients with investment objectives and strategies that are similar to, or overlap with, the investment objective and strategy of the Portfolio, creating conflicts of interest in investment and allocation decisions regarding the allocation of investments that could be appropriate for the Portfolio and other clients of the Adviser or their affiliates.

Sovereign Debt Risk. Sovereign debt securities are issued or guaranteed by foreign governmental entities. These investments are subject to the risk that a governmental entity may delay or refuse to pay interest or repay principal on its sovereign debt, due, for example, to cash flow problems, insufficient foreign currency reserves, political considerations, the relative size of the governmental entity’s debt position in relation to the economy or the failure to put in place economic reforms required by the International Monetary Fund or other multilateral agencies. If a governmental entity defaults, it may ask for more time in which to pay or for further loans. There is no legal process for collecting sovereign debts that a government does not pay nor are there bankruptcy proceedings through which all or part of the sovereign debt that a governmental entity has not repaid may be collected.

Business Development Company (“BDC”) Risk. The value of a BDC’s investments will be affected by portfolio company specific performance as well as the overall economic environment. Shares of BDCs may trade at prices that reflect a premium above or a discount below the investment company’s net asset value, which may be substantial. The Portfolio may be exposed to greater risk and experience higher volatility than would a portfolio that was not invested in BDCs. Additionally, most BDCs employ leverage which can magnify the returns of underlying investments.

Investment in Other Investment Companies Risk. Investing in other investment companies, including CEFs and BDCs, could result in the duplication of certain fees, including management and administrative fees, and may expose the Portfolio to the risks of owning the underlying investments that the other investment company holds.

Liquidity Risk. Liquidity is the ability to sell a security relatively quickly for a price that most closely reflects the actual value of the security. Dealer inventories of bonds are at or near historic lows in relation to market size, which has the potential to decrease liquidity and increase price volatility in the fixed income markets, particularly during periods of economic or market stress. As a result of this decreased liquidity, the Portfolio may have to accept a lower price to sell a security, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative effect on performance.

Derivatives Risk. The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes futures on U.S. Treasuries in order to manage duration. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

Other Funds Risk. Because the Portfolio invests in other funds managed by the Adviser or an affiliate (“Other Funds”), the performance of the Portfolio is dependent, in part, upon the performance of Other Funds in which the Portfolio may invest. As a result, the Portfolio is subject to the same risks as those faced by the Other Funds. In addition, Other Funds may be subject to additional fees and expenses that will be borne by the Portfolio.

Portfolio Turnover Rate Risk. The Portfolio may engage in active and frequent trading of portfolio securities in implementing its principal investment strategies. A high rate of portfolio turnover (100% or more) involves correspondingly greater expenses which are borne by the Portfolio and its shareholders and may also result in short-term capital gains taxable to shareholders.

Health Crisis Risk. The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the
Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for the one-year period and since inception compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart includes the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assumes that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

**YEAR-BY-YEAR TOTAL RETURN**

![YEAR-BY-YEAR TOTAL RETURN chart]

- **Best Quarter:** Q1 '19  +7.03%
- **Worst Quarter:** Q4 '18  (5.75)%

<table>
<thead>
<tr>
<th>AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 31, 2019)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thrivent Multidimensional Income Portfolio</strong></td>
</tr>
<tr>
<td>Thrivent Multidimensional Income Portfolio</td>
</tr>
</tbody>
</table>

| **Bloomberg Barclays U.S. Corporate High Yield Bond Index** (reflects no deduction for fees, expenses or taxes) | 14.32% | 5.65% |
| Bloomberg Barclays U.S. Mortgage-Backed Securities Index (reflects no deduction for fees, expenses or taxes) | 6.35% | 3.21% |
| Bloomberg Barclays Emerging Markets USD Sovereign Index (reflects no deduction for fees, expenses or taxes) | 13.35% | 4.50% |
| S&P U.S. Preferred Stock Index (reflects no deduction for fees, expenses or taxes) | 17.64% | 5.49% |
| S&P/LSTA Leveraged Loan Index (reflects no deduction for fees, expenses or taxes) | 8.64% | 4.28% |

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

- **Mark L. Simenstad, CFA**, **Gregory R. Anderson, CFA**, **Paul J. Ocenasek, CFA**, **Stephen D. Lowe, CFA** and **Kent L. White, CFA** are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Simenstad, Mr. Anderson, and Mr. Ocenasek have served as portfolio managers of the Portfolio since April 2017. Mr. Lowe has served as a portfolio manager of the Portfolio since April 2018. Mr. White has served as a portfolio manager of the Fund since July 2019. Mr. Simenstad is Chief Investment Strategist and has been with Thrivent Financial since 1999. Mr. Anderson is Vice President, Fixed Income General Accounts. He has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000. Mr. Ocenasek has been with Thrivent Financial since 1987 and has served in a portfolio management capacity since 1997. Mr. Lowe is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1997. Mr. White is the director of Investment Grade Research, and he has been with Thrivent Financial since 1999.
**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the "Fund") may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

• **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

• **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Opportunity Income Plus Portfolio

Investment Objective
Thrivent Opportunity Income Plus Portfolio (the "Portfolio") seeks a combination of current income and long-term capital appreciation.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

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<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
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<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Acquired Fund Fees and Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
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<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Opportunity Income Plus Portfolio</td>
<td>$66</td>
<td>$208</td>
<td>$362</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 195% of the average value of its portfolio.

Principal Strategies
Under normal circumstances, the Portfolio primarily invests in a broad range of debt securities.

The debt securities in which the Portfolio invests may be of any maturity or credit quality, including high yield, high risk bonds, notes, debentures and other debt obligations commonly known as “junk bonds.” At the time of purchase, these high-yield securities are rated within or below the “BB” major rating category by S&P or the “Ba” major rating category by Moody’s or are unrated but considered to be of comparable quality by the Adviser. The Portfolio may also invest in leveraged loans, which are senior secured loans that are made by banks or other lending institutions to companies that are rated below investment grade. The Portfolio may also invest in investment-grade corporate bonds, asset-backed securities, mortgage-backed securities (including commercially backed ones), sovereign and emerging market debt (both U.S. dollar and non-U.S. dollar denominated), preferred stock, and other types of securities.

The Portfolio utilizes derivatives primarily in the form of U.S. Treasury futures contracts in order to manage the Portfolio’s duration, or interest rate risk. The Portfolio may enter into derivatives contracts traded on exchanges or in the over the counter market.

The Portfolio may invest in foreign securities, including those of issuers in emerging markets. An “emerging market” country is any country determined by the Adviser to have an emerging market economy, considering factors such as the country’s credit rating, its political and economic stability and the development of its financial and capital markets.

The Portfolio may invest in exchange-traded funds (“ETFs”), which are investment companies generally designed to track the performance of a securities or other index or benchmark.

The Portfolio may also pursue its investment strategy by investing in other mutual funds managed by the Adviser or an affiliate.
The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell. Fundamental techniques assess a security’s value based on an issuer’s financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Interest Rate Risk.** Interest rate risk is the risk that prices of debt securities decline in value when interest rates rise for debt securities that pay a fixed rate of interest. Debt securities with longer durations (a measure of price sensitivity of a bond or bond fund to changes in interest rates) or maturities (i.e., the amount of time until a bond’s issuer must pay its principal or face value) tend to be more sensitive to changes in interest rates than debt securities with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities. In addition, the phase out of LIBOR (the offered rate for short-term Eurodollar deposits between major international banks) by the end of 2021 could lead to increased volatility and illiquidity in certain markets that currently rely on LIBOR to determine interest rates.

**Credit Risk.** Credit risk is the risk that an issuer of a debt security to which the Portfolio is exposed may no longer be able or willing to pay its debt. As a result of such an event, the debt security may decline in price and affect the value of the Portfolio.

**Mortgage-Backed and Other Asset-Backed Securities Risk.** The value of mortgage-backed and asset-backed securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. In addition, both mortgage-backed and asset-backed securities are sensitive to changes in the repayment patterns of the underlying security. If the principal payment on the underlying asset is repaid faster or slower than the holder of the asset-backed or mortgage-backed security anticipates, the price of the security may fall, particularly if the holder must reinvest the repaid principal at lower rates or must continue to hold the security when interest rates rise. This effect may cause the value of the Portfolio to decline and reduce the overall return of the Portfolio.

**Leveraged Loan Risk.** Leveraged loans (also known as bank loans) are subject to the risks typically associated with debt securities. In addition, leveraged loans, which typically hold a senior position in the capital structure of a borrower, are subject to the risk that a court could subordinate such loans to presently existing or future indebtedness or take other action detrimental to the holders of leveraged loans. Leveraged loans are also subject to the risk that the value of the collateral, if any, securing a loan may decline, be insufficient to meet the obligations of the borrower, or be difficult to liquidate. Some leveraged loans are not as easily purchased or sold as publicly-traded securities and others are illiquidity, which may make it more difficult for the Portfolio to value them or dispose of them at an acceptable price. Below investment-grade leveraged loans are typically more credit sensitive. In the event of fraud or misrepresentation, the Portfolio may not be protected under federal securities laws with respect to leveraged loans that may not be in the form of “securities.” The settlement period for some leveraged loans may be more than seven days.

**Prepayment Risk.** When interest rates fall, certain obligations will be paid off by the obligor more quickly than originally anticipated, and a Portfolio may have to invest the proceeds in securities with lower yields. In periods of falling interest rates, the rate of prepayments tends to increase (as does price fluctuation) as borrowers are motivated to pay off debt and refinance at new lower rates. During such periods, reinvestment of the prepayment proceeds by the management team will generally be at lower rates of return than the return on the assets that were prepaid. Prepayment generally reduces the yield to maturity and the average life of the security.

**High Yield Risk.** High yield securities – commonly known as “junk bonds” – to which the Portfolio is exposed are considered predominantly speculative with respect to the issuer’s continuing ability to make principal and interest payments. If the issuer of the security is in default with respect to interest or principal payments, the value of the Portfolio may be negatively affected. High yield securities generally have a less liquid resale market.

**Allocation Risk.** The Portfolio’s investment performance depends upon how its assets are allocated across broad asset categories and applicable sub-classes within such categories. Some broad asset categories and sub-classes may perform below expectations or the securities markets generally over short and extended periods. Therefore, a principal risk of investing in the Portfolio is that the allocation strategies used and the allocation decisions made will not produce the desired results.
Foreign Securities Risk. Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

Emerging Markets Risk. The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in which the Portfolio would compensate the Adviser

Sovereign Debt Risk. Sovereign debt securities are issued or guaranteed by foreign governmental entities. These investments are subject to the risk that a governmental entity may delay or refuse to pay interest or repay principal on its sovereign debt, due, for example, to cash flow problems, insufficient foreign currency reserves, political considerations, the relative size of the governmental entity’s debt position in relation to the economy or the failure to put in place economic reforms required by the International Monetary Fund or other multilateral agencies. If a governmental entity defaults, it may ask for more time in which to pay or for further loans. There is no legal process for collecting sovereign debts that a government does not pay nor are there bankruptcy proceedings through which all or part of the sovereign debt that a governmental entity has not repaid may be collected.

Market Risk. Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

Other Funds Risk. Because the Portfolio invests in other funds managed by the Adviser or an affiliate (“Other Funds”), the performance of the Portfolio is dependent, in part, upon the performance of Other Funds in which the Portfolio may invest. As a result, the Portfolio is subject to the same risks as those faced by the Other Funds. In addition, Other Funds may be subject to additional fees and expenses that will be borne by the Portfolio.

Investment Adviser Risk. The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

Conflicts of Interest Risk. An investment in the Portfolio will be subject to a number of actual or potential conflicts of interest. For example, the Adviser or its affiliates may provide services to the Portfolio for which the Portfolio would compensate the Adviser and/or such affiliates. The Portfolio may invest in other pooled investment vehicles sponsored, managed, or otherwise affiliated with the Adviser, including other Portfolios. The Adviser may have an incentive (financial or otherwise) to enter into transactions or arrangements on behalf of the Portfolio with itself or its affiliates in circumstances where it might not have done so otherwise.

The Adviser or its affiliates manage other investment funds and/or accounts (including proprietary accounts) and have other clients with investment objectives and strategies that are similar to, or overlap with, the investment objective and strategy of the Portfolio, creating conflicts of interest in investment and allocation decisions regarding the allocation of
investments that could be appropriate for the Portfolio and other clients of the Adviser or their affiliates.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Liquidity Risk.** Liquidity is the ability to sell a security relatively quickly for a price that most closely reflects the actual value of the security. Dealer inventories of bonds are at or near historic lows in relation to market size, which has the potential to decrease liquidity and increase price volatility in the fixed income markets, particularly during periods of economic or market stress. As a result of this decreased liquidity, the Portfolio may have to accept a lower price to sell a security, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative effect on performance.

**Derivatives Risk.** The use of derivatives (such as futures) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes futures on U.S. Treasuries in order to manage duration. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**ETF Risk.** An ETF is subject to the risks of the underlying investments that it holds. In addition, for index-based ETFs, the performance of an ETF may diverge from the performance of such index (commonly known as tracking error). ETFs are subject to fees and expenses (like management fees and operating expenses) that do not apply to an index, and the Portfolio will indirectly bear its proportionate share of any such fees and expenses paid by the ETFs in which it invests. Because ETFs trade on an exchange, there is a risk that an ETF will trade at a discount to net asset value or that investors will fail to bring the trading price in line with the underlying shares (known as the arbitrage mechanism).

**Portfolio Turnover Rate Risk.** The Portfolio may engage in active and frequent trading of portfolio securities in implementing its principal investment strategies. A high rate of portfolio turnover (100% or more) involves correspondingly greater expenses which are borne by the Portfolio and its shareholders and may also result in short-term capital gains taxable to shareholders.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart includes the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

Effective August 16, 2013, based on approval of the Portfolio’s Board of Directors, the Portfolio’s investment objective and principal strategies were changed, which had the effect of converting the Portfolio from one which invested at least 80% of its assets in mortgage-related securities to one which invests in a broad range of fixed-income securities. At the same time, the Portfolio’s name changed from Thrivent Mortgage Securities Portfolio to Thrivent Opportunity Income Plus Portfolio. As a result, performance information presented below with respect to periods prior to August 16, 2013, reflects the performance of an investment portfolio that was materially different from the investment portfolio of Thrivent Opportunity Income Plus Portfolio.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some
indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>12.09%</td>
</tr>
<tr>
<td>2011</td>
<td>4.52%</td>
</tr>
<tr>
<td>2012</td>
<td>5.99%</td>
</tr>
<tr>
<td>2013</td>
<td>(1.39)%</td>
</tr>
<tr>
<td>2014</td>
<td>3.48%</td>
</tr>
<tr>
<td>2015</td>
<td>(0.03)%</td>
</tr>
<tr>
<td>2016</td>
<td>6.38%</td>
</tr>
<tr>
<td>2017</td>
<td>4.63%</td>
</tr>
<tr>
<td>2018</td>
<td>(1.03)%</td>
</tr>
<tr>
<td>2019</td>
<td>8.53%</td>
</tr>
</tbody>
</table>

Best Quarter: Q1 ’10 +4.75%
Worst Quarter: Q2 ’13 (2.41)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 31, 2019)

<table>
<thead>
<tr>
<th>Fund</th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Opportunity Income Plus Portfolio</td>
<td>8.53%</td>
<td>3.63%</td>
<td>4.24%</td>
</tr>
<tr>
<td>Bloomberg Barclays U.S. Mortgage-Backed Securities Index (reflects no deduction for fees, expenses or taxes)</td>
<td>6.35%</td>
<td>2.58%</td>
<td>3.15%</td>
</tr>
<tr>
<td>Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index (reflects no deduction for fees, expenses or taxes)</td>
<td>15.18%</td>
<td>6.05%</td>
<td>7.43%</td>
</tr>
<tr>
<td>S&amp;P/LSTA Leveraged Loan Index (reflects no deduction for fees, expenses or taxes)</td>
<td>8.64%</td>
<td>4.45%</td>
<td>5.01%</td>
</tr>
</tbody>
</table>

Management

Investment Adviser(s)
The Portfolio is managed by Thrivent Financial for Lutherans ("Thrivent Financial" or the "Adviser").

Portfolio Manager(s)

**Gregory R. Anderson, CFA, Conrad E. Smith, CFA, Paul J. Ocenasek, CFA, Kent L. White, CFA** and **Stephen D. Lowe, CFA** are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Anderson has served as a portfolio manager of the Portfolio since April 2003. Mr. Smith has served as a portfolio manager of the Portfolio since the August 2013. Mr. Ocenasek and Mr. White have served as portfolio managers of the Portfolio since April 2015. Stephen D. Lowe, CFA has served as a portfolio manager of the Portfolio since April 2018. Mr. Anderson is Vice President, Fixed Income General Accounts. He has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000. Mr. Smith has been with Thrivent Financial since 2004 and also manages the leveraged loan portfolio and the high yield bond portfolio of Thrivent Financial’s general account. Mr. Ocenasek has been with Thrivent Financial since 1987 and has served in a portfolio management capacity since 1997. Mr. White is the Director of Investment Grade Research at Thrivent Financial and has been with the firm since 1999. Mr. Lowe is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1997.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:
- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios' annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios' website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Investment Objective

Thrivent Partner Emerging Markets Equity Portfolio (the "Portfolio") seeks long-term capital growth.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.35%</td>
<td>0.35%</td>
<td>0.35%</td>
<td>0.35%</td>
</tr>
<tr>
<td>Total Annual Portfolio</td>
<td>1.30%</td>
<td>1.30%</td>
<td>1.30%</td>
<td>1.30%</td>
</tr>
<tr>
<td>Operating Expenses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements</td>
<td>0.10%</td>
<td>0.10%</td>
<td>0.10%</td>
<td>0.10%</td>
</tr>
<tr>
<td>Total Annual Portfolio</td>
<td>1.20%</td>
<td>1.20%</td>
<td>1.20%</td>
<td>1.20%</td>
</tr>
<tr>
<td>Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Principal Strategies

Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes), at the time of initial purchase, in emerging market equities, including common stock, preferred stock, convertible securities, depositary receipts and rights and warrants to buy common stocks. A security is considered to be an “emerging market” security if issued by a company that Portfolio management has determined meets one or more of the following criteria:

- is organized under the laws of, or has its principal office in, an emerging market country;
- has its principal securities trading market in an emerging market country; and/or
- derives a majority of its annual revenue or earnings or assets from goods produced, sales made or services performed in an emerging market country.

An “emerging market” country is any country determined by the Adviser or subadviser to have an emerging market economy, considering factors such as the country’s credit rating, its political and economic stability and the development of its financial and capital markets. These emerging market countries include every nation in the world except the U.S., Canada, Israel, Japan, Australia, New Zealand, Hong Kong, Singapore and all nations typically considered part of Western Europe. At times, the Portfolio may have a significant amount of its assets invested in a country or geographic region.
The Portfolio may also invest in equity securities of issuers that are not tied economically to emerging market countries. The Portfolio may invest in securities denominated in U.S. dollars and currencies of emerging market countries in which it may invest. The Portfolio typically has full currency exposure to those markets in which it invests.

The Portfolio may invest in securities of any market capitalization, including small and mid-cap securities.

The Portfolio may invest in securities of any market sector and may hold a significant amount of securities of companies, from time to time, within a single sector such as financials.

The Portfolio’s subadviser, Aberdeen Asset Managers Limited (“Aberdeen”), uses a disciplined investment process based on its proprietary research to determine security selection. Aberdeen seeks to identify “quality” companies, based on factors such as strength of management and business, that trade at reasonable valuations, based on factors such as earnings growth and other key financial measurements. Aberdeen also evaluates matters of long term value by examining a spectrum of considerations such as governance and risk management, including those risks often referred to as environmental, social and governance factors (“ESG”). ESG analysis is fully integrated into investment decisions for all equity holdings. As such, Aberdeen evaluates ESG factors as part of the investment analysis process and this forms an integral component of Aberdeen’s quality rating for all companies. Aberdeen makes investments for the long-term, although it may sell a security when it perceives a company’s business direction or growth prospects to have changed or the company’s valuations are no longer attractive.

Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its net assets invested in emerging market equities from 80% to a lesser amount, it will notify you at least 60 days prior to the change.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease.
more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Financial Sector Risk.** To the extent that the financials sector continues to represent a significant portion of the Portfolio, the Portfolio will be sensitive to changes in, and its performance may depend to a greater extent on, factors impacting this sector. Performance of companies in the financials sector may be adversely impacted by many factors, including, among others, government regulations, economic conditions, credit rating downgrades, changes in interest rates, and decreased liquidity in credit markets. The impact of more stringent capital requirements, recent or future regulation of any individual financial company or recent or future regulation of the financials sector as a whole cannot be predicted. In recent years, cyber attacks and technology malfunctions and failures have become increasingly frequent in this sector and have caused significant losses.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser or subadviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Large Cap Risk.** Large-sized companies may be unable to respond quickly to new competitive challenges such as changes in technology. They may also not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.

**Mid Cap Risk.** Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

**Small Cap Risk.** Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

**Preferred Securities Risk.** There are certain additional risks associated with investing in preferred securities, including, but not limited to, preferred securities may include provisions that permit the issuer, at its discretion, to defer or omit distributions for a stated period without any adverse consequences to the issuer; preferred securities are generally subordinated to bonds and other debt instruments in a company’s capital structure in terms of having priority to corporate income and liquidation payments, and therefore will be subject to greater credit risk than more senior debt instruments; preferred securities may be substantially less liquid than many other securities, such as common stocks or U.S. Government securities; generally, traditional preferred securities offer no voting rights with respect to the issuing company unless preferred dividends have been in arrears for a specified number of periods, at which time the preferred security holders may elect a number of directors to the issuer’s board; and in certain varying circumstances, an issuer of preferred securities may redeem the securities prior to a specified date.

**Convertible Securities Risk.** Convertible securities are subject to the usual risks associated with debt securities, such as interest rate risk and credit risk. Convertible securities also react to changes in the value of the common stock into which they convert, and are thus subject to market risk. The Portfolio may also be forced to convert a convertible security at an inopportune time, which may decrease the Portfolio’s return.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19
outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart includes the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

### YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>27.33%</td>
</tr>
<tr>
<td>2011</td>
<td>(10.82)%</td>
</tr>
<tr>
<td>2012</td>
<td>25.98%</td>
</tr>
<tr>
<td>2013</td>
<td>27.64%</td>
</tr>
<tr>
<td>2014</td>
<td>(7.34)%</td>
</tr>
<tr>
<td>2015</td>
<td>(2.29)%</td>
</tr>
<tr>
<td>2016</td>
<td>(15.59)%</td>
</tr>
<tr>
<td>2017</td>
<td>(11.58)%</td>
</tr>
<tr>
<td>2018</td>
<td>(14.88)%</td>
</tr>
<tr>
<td>2019</td>
<td>20.15%</td>
</tr>
</tbody>
</table>

**Best Quarter:** Q3 '10 +19.86%

**Worst Quarter:** Q3 '11 (17.20)%

### AVERAGE ANNUAL TOTAL RETURNS

<table>
<thead>
<tr>
<th>Periods Ending December 31, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Partner Emerging Markets Equity Portfolio</td>
</tr>
<tr>
<td>MSCI Emerging Markets Index - USD Net Returns</td>
</tr>
</tbody>
</table>

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”), which has engaged Aberdeen Asset Managers Limited (“Aberdeen”) to subadvise the Portfolio.

**Portfolio Manager(s)**

Aberdeen uses a team-based approach, with the following team members being jointly and primarily responsible for day-to-day management. Hugh Young, Managing Director – Asia, has managed the Portfolio since April 2008. Devan Kaloo, Global Head of Equities/Head of Global Emerging Markets Equities, has managed the Portfolio since April 2008. Joanne Irvine, Deputy Head of Global Emerging Markets, has managed the Portfolio since April 2008. Mark Gordon-James, CFA, Investment Director, has managed the Portfolio since April 2008. Flavia Cheong, CFA, Head of Equities – Asia Pacific, has managed the Portfolio since April 2008.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
THRIVENT PARTNER GROWTH STOCK PORTFOLIO
SUMMARY PROSPECTUS

APRIL 30, 2020

This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

• If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

• If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Investment Objectives

The investment objective of the Thrivent Partner Growth Stock Portfolio (the "Portfolio") is to achieve long-term growth of capital and, secondarily, increase dividend income.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Impossed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.65%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.08%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.73%</td>
</tr>
</tbody>
</table>

EXAMPLE This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Partner Growth Stock Portfolio</td>
<td>$75</td>
<td>$233</td>
<td>$406</td>
</tr>
</tbody>
</table>

Portfolio Turnover

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 29% of the average value of its portfolio.

Principal Strategies

The Portfolio’s principal strategy for achieving its investment objectives under normal circumstances is to invest at least 80% of net assets (plus the amount of any borrowing for investment purposes) in common stocks. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in common stocks from 80% to a lesser amount, it will notify you at least 60 days prior to such a change.

The Portfolio concentrates its investments in growth companies. The Portfolio’s subadviser, T. Rowe Price Associates, Inc. (“T. Rowe Price”), seeks investments in companies that have the ability to pay increasing dividends through strong cash flow. The subadviser generally looks for companies with an above-average rate of earnings growth and a lucrative niche in the economy that gives them the ability to sustain earnings momentum even during times of slow economic growth. T. Rowe Price believes that when a company increases its earnings faster than both inflation and the overall economy, the market will eventually reward it with a higher stock price. The Portfolio may at times invest significantly in certain sectors, such as the information technology sector.

In pursuing the Portfolio’s investment objectives, T. Rowe Price has the discretion to purchase some securities that do not meet its normal investment criteria, as described above, when it believes such purchase will provide an opportunity for substantial appreciation. These situations might arise when T. Rowe Price believes a security could increase in value for a variety of reasons including a change in management, an extraordinary corporate event, a new product introduction or innovation, or a favorable competitive development.

While the Portfolio invests primarily (at least 80%) in common stocks, it may also invest in foreign stocks (up to 30% of total assets), and futures and options to obtain investment exposure or for hedging, in keeping with the Portfolio’s objectives.
The Portfolio may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets into more promising opportunities.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objectives and you could lose money by investing in the Portfolio.

**Growth Investing Risk.** Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company's earnings or revenues fall short of expectations, its stock price may fall dramatically.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio's investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio's benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Technology-Oriented Companies Risk.** Common stocks of companies that rely extensively on technology, science or communications in their product development or operations may be more volatile than the overall stock market and may or may not move in tandem with the overall stock market. Technology, science and communications are rapidly changing fields, and stocks of these companies, especially of smaller or unseasoned companies, may be subject to more abrupt or erratic market movements than the stock market in general. There are significant competitive pressures among technology-oriented companies and the products or operations of such companies may become obsolete quickly. In addition, these companies may have limited product lines, markets or financial resources and the management of such companies may be more dependent upon one or a few key people.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer's securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser or subadviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Foreign Securities Risk.** Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio's investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio's ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse changes in exchange rates when the security's value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Derivatives Risk.** The use of derivatives (such as futures and options) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. The Portfolio utilizes equity futures in order to increase or decrease its exposure to various asset classes at a lower cost than trading stocks directly. The use of derivatives can lead to losses because of adverse movements in the price or value of the underlying asset, index or rate, which may be magnified by certain features of the contract. Changes in the value of the derivative may not correlate as intended with the underlying asset, rate or index, and the Portfolio could lose much more than the original amount invested. Derivatives can be highly volatile, illiquid and difficult to value. Certain derivatives may also be subject to
counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligations due to its financial condition, market events, or other reasons.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five-, and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. The Portfolio now compares its returns to the Russell 1000 Growth Index because it is commonly used by funds with the same investment objective and principal strategies as the Portfolio. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

**Management**

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”), which has engaged T. Rowe Price Associates, Inc. (“T. Rowe Price”) to subadvise the Portfolio.

**Portfolio Manager(s)**

**Joseph B. Fath, CPA** is primarily responsible for the day-to-day management of the Portfolio. Mr. Fath has served as the portfolio manager of the Portfolio since April 2014. He currently serves as Chairman of the Portfolio’s Investment Advisory Committee. Mr. Fath joined T. Rowe Price in 2002. He joined as an equity research analyst and, since 2008, has assisted other T. Rowe Price portfolio managers in managing the Firm’s U.S. large-cap growth strategies.
**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

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**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Partner Healthcare Portfolio

Investment Objective
Thrivent Partner Healthcare Portfolio (the "Portfolio") seeks long-term capital growth.

Fees and Expenses
This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

### SHAREHOLDER FEES
(fees paid directly from your investment)

<table>
<thead>
<tr>
<th>Fees Paid Directly from Your Investment</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ANNUAL PORTFOLIO OPERATING EXPENSES
(expenses that you pay each year as a percentage of the value of your investment)

<table>
<thead>
<tr>
<th>Expenses Paid Each Year as a Percentage of the Portfolio's Average Net Assets</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.83%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.10%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.93%</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements</td>
<td>0.05%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
<td>0.88%</td>
</tr>
</tbody>
</table>

Portfolio Turnover
The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 44% of the average value of its portfolio.

Principal Strategies
Under normal circumstances, the Portfolio will invest at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in the securities of companies that are engaged in the development, production or distribution of pharmaceutical, generic, biotechnology and medical technology products or services ("healthcare companies"). Healthcare companies are those that derive at least 50% of their annual revenues from the production of such products and provision of such services or have at least 50% of their assets in such products or services. The Portfolio invests primarily in equity securities of both U.S. and non-U.S. companies (including American Depositary Receipts and issuers in emerging markets) and, as a non-diversified fund under the Investment Company Act of 1940 (the “1940 Act”), focuses its investments in the securities of a relatively few number of issuers. In addition, the Portfolio concentrates its investments in the securities of companies in the healthcare industry, some of which may be small- and medium-sized companies. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in the securities of healthcare companies from 80% to a lesser amount, it will notify you at least 60 days prior to the change.

BlackRock Investment Management, LLC, the Portfolio's subadviser, considers a variety of factors when choosing investments for the Portfolio, including (i) identifying companies and industries that appear to have the potential for above-average returns; and (ii) identifying companies that are expected to show above-average growth over the long-term, as well as those that appear...
to be trading below their true worth. The Portfolio will generally sell a stock when, in the opinion of the subadviser, the stock reaches its price target or if there is deterioration in the company's fundamentals, a change in macroeconomic outlook, technical deterioration, valuation issues, a need to rebalance the Portfolio or a better opportunity elsewhere.

Principal Risks

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

Healthcare Industry Risk. As a sector fund that invests primarily in the healthcare industry, the Portfolio is subject to the risk that the companies in that industry are likely to react similarly to legislative or regulatory changes, adverse market conditions and/or increased competition affecting their market segment. Due to the rapid pace of technological development, there is the risk that the products and services developed by these companies may become rapidly obsolete or have relatively short product cycles. There is also the risk that the products and services offered by these companies will not meet expectations or even reach the marketplace.

Non-Diversified Risk. The Portfolio is not “diversified” within the meaning of the 1940 Act. That means the Portfolio may invest a greater percentage of its assets in the securities of any single issuer compared to other funds. A non-diversified portfolio is generally more susceptible than a diversified portfolio to the risk that events or developments affecting a particular issuer or industry will significantly affect the Portfolio’s performance.

Market Risk. Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

Equity Security Risk. Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

Mid Cap Risk. Medium-sized companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have smaller revenues, narrower product lines, less management depth and experience, smaller shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies.

Small Cap Risk. Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

Issuer Risk. Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

Investment Adviser Risk. The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser or subadviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio's investment objective.

Foreign Securities Risk. Foreign securities generally carry more risk and are more volatile than their domestic counterparts, in part because of potential for higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates where investments are denominated in currencies other than the U.S. dollar. Certain events in foreign markets may adversely affect foreign and domestic issuers, including interruptions in the global supply chain, natural disasters and outbreak of infectious diseases. The Portfolio’s investment in any country could be subject to governmental actions such as capital or currency controls, nationalizing a company or industry, expropriating assets, or imposing punitive taxes that would have an adverse effect on security prices, and impair the Portfolio’s ability to repatriate capital or income. Foreign securities may also be more difficult to resell than comparable U.S. securities because the markets for foreign securities are often less liquid. Even when a foreign security increases in price in its local currency, the appreciation may be diluted by adverse...
changes in exchange rates when the security’s value is converted to U.S. dollars. Foreign withholding taxes also may apply and errors and delays may occur in the settlement process for foreign securities.

**Emerging Markets Risk.** The economic and political structures of developing countries in emerging markets, in most cases, do not compare favorably with the U.S. or other developed countries in terms of wealth and stability, and their financial markets often lack liquidity. Portfolio performance will likely be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. Portfolio performance may also be negatively affected by portfolio exposure to countries and corporations domiciled in or with revenue exposures to countries with less developed legal, tax, regulatory, and accounting systems. Significant buying or selling actions by a few major investors may also heighten the volatility of emerging markets. These factors make investing in emerging market countries significantly riskier than in other countries, and events in any one country could cause the Portfolio’s share price to decline.

**Foreign Currency Risk.** The value of a foreign currency may decline against the U.S. dollar, which would reduce the dollar value of securities denominated in that currency. The overall impact of such a decline of foreign currency can be significant, unpredictable, and long lasting, depending on the currencies represented, how each one appreciates or depreciates in relation to the U.S. dollar, and whether currency positions are hedged. Under normal conditions, the Portfolio does not engage in extensive foreign currency hedging programs. Further, exchange rate movements are volatile, and it is not possible to effectively hedge the currency risks of many developing countries.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the “Index Descriptions” section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart includes the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assumes that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.
Management

Investment Adviser(s)
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”), which has engaged BlackRock Investment Management, LLC (“BIM”) to subadvise the Portfolio.

Portfolio Manager(s)
Erin Xie, Managing Director of BlackRock, Inc. (“BlackRock”), is primarily responsible for the day-to-day management of the Portfolio. Dr. Xie has served as the portfolio manager of the Portfolio since September 2017. Dr. Xie has been a Managing Director of BlackRock since 2006 and joined BlackRock as a Director in 2005. Prior to joining BlackRock, Dr. Xie was a Senior Vice President of State Street Research & Management from 2001 to 2005.

Purchase and Sale of Shares
Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information
For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries
If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Real Estate Securities Portfolio

Investment Objective

The Thrivent Real Estate Securities Portfolio (the "Portfolio") seeks to provide long-term capital appreciation and high current income.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
</tr>
<tr>
<td>Other Expenses</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
</tr>
</tbody>
</table>

EXAMPLE

This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th></th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Real Estate Securities Portfolio</td>
<td>$87</td>
<td>$271</td>
<td>$471</td>
<td>$1,049</td>
</tr>
</tbody>
</table>

Portfolio Turnover

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 23% of the average value of its portfolio.

Principal Strategies

In seeking to achieve its investment objective, the Portfolio focuses on income-producing common stocks and other equity securities of U.S. real estate companies. Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus any borrowings for investment purposes) in companies that are primarily engaged in the real estate industry. This includes companies such as real estate investment trusts (REITs) and other real estate related investments. A real estate company generally derives at least 50% of its revenue from real estate ownership, leasing, management, development, financing or sale of residential, commercial or industrial real estate—or has at least 50% of its assets in real estate. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of assets invested in companies that are primarily engaged in the real estate industry from 80% to a lesser amount, it will notify you at least 60 days prior to such a change.

This Portfolio may invest up to 20% of its assets in equity and fixed income securities of companies which are not principally engaged in the real estate industry or which are not income producing equity securities of companies principally engaged in the U.S. real estate industry.

Principal Risks

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

Real Estate Investment Trust (“REIT”) Risk. REITs generally can be divided into three types: equity REITs, mortgage REITs, and hybrid REITs (which combine the characteristics of equity REITs and mortgage REITs). Equity REITs will be affected by changes in the values of, and income from, the properties they own, while mortgage REITs may be affected by the credit quality of the mortgage loans they hold. All REIT types may be
affected by changes in interest rates. The effect of rising interest rates is generally more pronounced for high dividend paying stock than for stocks that pay little or no dividends. This may cause the value of real estate securities to decline during periods of rising interest rates, which would reduce the overall return of the Portfolio. REITs are subject to additional risks, including the fact that they are dependent on specialized management skills that may affect the REITs’ abilities to generate cash flows for operating purposes and for making investor distributions. REITs may have limited diversification and are subject to the risks associated with obtaining financing for real property. As with any investment, there is a risk that REIT securities and other real estate industry investments may be overvalued at the time of purchase. In addition, a REIT can pass its income through to its investors without any tax at the entity level if it complies with various requirements under the Internal Revenue Code. There is the risk, however, that a REIT held by the Portfolio will fail to qualify for this tax-free pass-through treatment of its income. By investing in REITs indirectly through the Portfolio, in addition to bearing a proportionate share of the expenses of the Portfolio, you will also indirectly bear similar expenses of the REITs in which the Portfolio invests.

Real Estate Industry Risk. To the extent the Portfolio allocates assets to companies in the real estate business, the Portfolio is subject to real estate industry risk. Declines in real estate values, changes in interest rates or economic downturns can have a significant negative effect on companies in the real estate industry. Other adverse changes could include, but are not limited to, extended vacancies of properties, increased competition, overbuilding and changes in zoning law and government regulations.

Market Risk. Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

Equity Security Risk. Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

Investment Adviser Risk. The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

Issuer Risk. Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

Health Crisis Risk. The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

Performance

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five-, and ten-year periods compared to broad-based securities market indices. The index descriptions appear in the "Index Descriptions" section of the prospectus. The Portfolio now compares its returns to the FTSE Nareit All Equity REITs Index because it is commonly used by funds with the same investment objective and principal strategies as the Portfolio. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart includes the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assumes that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.
How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>27.56</td>
</tr>
<tr>
<td>2011</td>
<td>8.83</td>
</tr>
<tr>
<td>2012</td>
<td>17.54</td>
</tr>
<tr>
<td>2013</td>
<td>2.18</td>
</tr>
<tr>
<td>2014</td>
<td>30.82</td>
</tr>
<tr>
<td>2015</td>
<td>2.75</td>
</tr>
<tr>
<td>2016</td>
<td>7.50</td>
</tr>
<tr>
<td>2017</td>
<td>5.95</td>
</tr>
<tr>
<td>2018</td>
<td>(5.30)</td>
</tr>
<tr>
<td>2019</td>
<td>27.94</td>
</tr>
</tbody>
</table>

Best Quarter: Q1 '19 +16.73%
Worst Quarter: Q3 '11 (14.88)%

AVERAGE ANNUAL TOTAL RETURNS
(PERIODS ENDING DECEMBER 31, 2019)

<table>
<thead>
<tr>
<th>Portfolio</th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Real Estate Securities</td>
<td>27.94%</td>
<td>7.23%</td>
<td>11.95%</td>
</tr>
<tr>
<td>FTSE NAREIT All Equity REITs Index</td>
<td>28.66%</td>
<td>8.43%</td>
<td>12.59%</td>
</tr>
<tr>
<td>S&amp;P Composite 1500® Equity REITs</td>
<td>27.63%</td>
<td>8.47%</td>
<td>12.77%</td>
</tr>
</tbody>
</table>

Management

Investment Adviser(s)
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)

Reginald L. Pfeifer, CFA is primarily responsible for the day-to-day management of the Portfolio. Mr. Pfeifer has served as portfolio manager of the Portfolio since its inception in April 2003. Mr. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003.

Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios' annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
Thrivent Small Cap Growth Portfolio

Investment Objective

Thrivent Small Cap Growth Portfolio (the "Portfolio") seeks long-term capital growth. The Portfolio’s investment objective may be changed without shareholder approval.

Fees and Expenses

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.80%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.92%</td>
</tr>
<tr>
<td>Acquired Fund Fees and Expenses</td>
<td>0.01%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>1.73%</td>
</tr>
<tr>
<td>Less Fee Waivers and/or Expense Reimbursements</td>
<td>0.78%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements</td>
<td>0.95%</td>
</tr>
</tbody>
</table>

1 The Adviser has contractually agreed, through at least April 30, 2021, to waive a portion of the management fees associated with the shares of the Thrivent Small Cap Growth Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements to an annual rate of 0.94% of the average daily net assets of the shares. This contractual provision, however, may be terminated before the indicated termination date upon the mutual agreement between the Independent Directors of the Portfolio and the Adviser.

Example This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio for the time periods indicated and then redeem all of your shares at the end of those periods. In addition, the example for the 1 Year period reflects the effect of the contractual fee waiver and/or expense reimbursement. The example also assumes that your investment has a 5% return each year, and that the Portfolio’s operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>Thrivent Small Cap Growth Portfolio</th>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>$97</td>
<td>$469</td>
<td>$865</td>
<td>$1,976</td>
<td></td>
</tr>
</tbody>
</table>

Portfolio Turnover

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 51% of the average value of its portfolio.

Principal Strategies

Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in equity securities of small companies. The Adviser focuses mainly in the equity securities of smaller U.S. companies which have market capitalizations equivalent to those companies included in widely known indices such as the Russell 2000 Growth Index, S&P SmallCap 600 Index, or the small company market capitalization classification published by Lipper, Inc. These companies typically have a market capitalization of less than $6 billion. Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Portfolio seeks to achieve its investment objective by investing primarily in common stocks. The Adviser uses fundamental, quantitative, and technical investment research techniques and focuses on stocks of companies that it believes have demonstrated and believes will sustain above-average revenue and earnings growth over time, or which are expected to develop rapid sales and earnings growth in the future when compared to the economy and stock market as a whole. Many such companies are in the technology sector and the Portfolio may at times have a higher concentration in this industry.
The Adviser may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets to more promising opportunities.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Small Cap Risk.** Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

**Growth Investing Risk.** Growth style investing includes the risk of investing in securities whose prices historically have been more volatile than other securities, especially over the short term. Growth stock prices reflect projections of future earnings or revenues and, if a company’s earnings or revenues fall short of expectations, its stock price may fall dramatically.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Technology-Oriented Companies Risk.** Common stocks of companies that rely extensively on technology, science or communications in their product development or operations may be more volatile than the overall stock market and may or may not move in tandem with the overall stock market. Technology, science and communications are rapidly changing fields, and stocks of these companies, especially of smaller or unseasoned companies, may be subject to more abrupt or erratic market movements than the stock market in general. There are significant competitive pressures among technology-oriented companies and the products or operations of such companies may become obsolete quickly. In addition, these companies may have limited product lines, markets or financial resources and the management of such companies may be more dependent upon one or a few key people.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

**Performance**

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for the one-year period and since inception compared to broad-based securities market indices. The index descriptions appear in the “Index Descriptions” section of the prospectus. The Portfolio now compares its returns to the Russell 2000 Growth Index because it is commonly used by funds with the same investment objective and principal strategies as the Portfolio. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your
investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

YEAR-BY-YEAR TOTAL RETURN

![Graph showing year-by-year total return]

**Best Quarter:** Q1 '19 +19.44%

**Worst Quarter:** Q3 '19 (5.02)%

**Management**

**Investment Adviser(s)**
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

**David J. Lettenberger, CFA** is primarily responsible for the day-to-day management of the Portfolio. Mr. Lettenberger has served as portfolio manager of the Portfolio since April 2018. Mr. Lettenberger has been a portfolio manager at Thrivent Financial since 2013, when he joined the firm.

**Purchase and Sale of Shares**

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

**Tax Information**

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

**Payments to Broker-Dealers and Other Financial Intermediaries**

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio's complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio's prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio's prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
**Investment Objective**

Thrivent Small Cap Index Portfolio (the "Portfolio") seeks capital growth that tracks the performance of the S&P SmallCap 600 Index.

**Fees and Expenses**

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES (fees paid directly from your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES (expenses that you pay each year as a percentage of the value of your investment)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.20%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.05%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.25%</td>
</tr>
</tbody>
</table>

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Small Cap Index Portfolio</td>
<td>$26</td>
<td>$80</td>
<td>$141</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio’s performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 30% of the average value of its portfolio.

**Principal Strategies**

Under normal circumstances, the Portfolio invests substantially all of its assets (more than 80% of its net assets, plus the amount of any borrowings for investment purposes) in small company common stocks included in the S&P SmallCap 600 Index in the proportions in which they are represented in the Index. This is a passively managed Portfolio, which means that the Adviser does not choose the securities that make up the Portfolio. The S&P SmallCap 600 Index is a capitalization-weighted index comprised of 600 domestic small capitalization stocks chosen for market size, liquidity, and industry representation. Accordingly, the Portfolio invests in stocks of smaller companies from a broad range of industries. The S&P SmallCap 600 Index is adjusted quarterly, and when changes to the index occur, the Adviser will attempt to replicate these changes within the Portfolio. However, any such changes may result in slight variations from time to time. The Portfolio may buy and sell equity index futures for investment exposure. For liquidity reasons, the Portfolio may invest to some degree in money market instruments.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Small Cap Risk.** Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.
## Market Risk

Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

## Equity Security Risk

Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

## Issuer Risk

Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

## Futures Contract Risk

The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. The price of futures can be highly volatile; using them could lower the value of the underlying instrument. The price of a futures contract tends to increase and decrease in tandem with the market value of the underlying instrument. The price of futures can be highly volatile; using them could lower total return, and the potential loss from futures can exceed the Portfolio’s initial investment in such contracts. In addition, the value of the futures contract may not accurately track the value of the underlying instrument.

## Indexing Strategy/Index Tracking Risk

The Portfolio is managed with an indexing investment strategy, attempting to track the performance of an unmanaged index of securities, regardless of the current or projected performance of the Index or of the actual securities comprising the Index. The structure and composition of the Index will affect the performance, volatility, and risk of the Index and, consequently, the performance, volatility, and risk of the Portfolio. While the Adviser seeks to track the performance of the Index (i.e., achieve a high degree of correlation with the Index), the Portfolio’s return may not match the return of the Index. The Portfolio incurs a number of operating expenses not applicable to the Index, and incurs costs in buying and selling securities. In addition, the Portfolio may not be fully invested at times, generally as a result of cash flows into or out of the Portfolio or reserves of cash held by the Portfolio to meet redemptions. The Adviser may attempt to replicate the Index return by investing in fewer than all of the securities in the Index, or in some securities not included in the Index, potentially increasing the risk of divergence between the Portfolio’s return and that of the Index.

## Health Crisis Risk

The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.

## Performance

The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index description appears in the "Index Descriptions" section of the prospectus. Call 800-847-4836 or visit Thrivent.com for performance results current to the most recent month-end.

The bar chart and table include the effects of Portfolio expenses, but not charges or deductions against your variable contract, and assume that you sold your investment at the end of the period. Because shares of the Portfolio are offered through variable life insurance and variable annuity contracts, you should carefully review the variable contract prospectus for information on applicable charges and expenses. If the charges and deductions against your variable contract were included, returns would be lower than those shown.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future. Performance information provides some indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance over time.

### YEAR-BY-YEAR TOTAL RETURN

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>-10.54%</td>
</tr>
<tr>
<td>2011</td>
<td>-2.17%</td>
</tr>
<tr>
<td>2012</td>
<td>0.54%</td>
</tr>
<tr>
<td>2013</td>
<td>5.36%</td>
</tr>
<tr>
<td>2014</td>
<td>15.95%</td>
</tr>
<tr>
<td>2015</td>
<td>22.49%</td>
</tr>
<tr>
<td>2016</td>
<td>40.83%</td>
</tr>
<tr>
<td>2017</td>
<td>26.12%</td>
</tr>
<tr>
<td>2018</td>
<td>13.33%</td>
</tr>
<tr>
<td>2019</td>
<td>22.49%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Return (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Best</td>
<td>Q4 ’11 +16.99%</td>
</tr>
<tr>
<td>Worst</td>
<td>Q4 ’18 (20.11)%</td>
</tr>
</tbody>
</table>
### AVERAGE ANNUAL TOTAL RETURNS
(Periods Ending December 31, 2019)

<table>
<thead>
<tr>
<th></th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Small Cap Index</td>
<td>22.49%</td>
<td>9.33%</td>
<td>13.02%</td>
</tr>
<tr>
<td>Portfolio</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S&amp;P SmallCap 600® Index</td>
<td>22.78%</td>
<td>9.56%</td>
<td>13.35%</td>
</tr>
<tr>
<td>(reflects no deduction for fees, expenses or taxes)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Management

**Investment Adviser(s)**

The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

**Portfolio Manager(s)**

**Brian W. Bomgren, CQF** and **Sharon Wang, CFA, FRM** are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Bomgren and Ms. Wang have served as portfolio managers of the Portfolio since January 2018. Mr. Bomgren has been with Thrivent Financial since 2006 and is currently a Senior Portfolio Manager. Ms. Wang has been with Thrivent Financial since 2017 and is currently a Senior Portfolio Manager. Prior to joining Thrivent Financial, Ms. Wang worked at Bryn Mawr Capital Management as a portfolio manager from 2009 to 2016.

### Purchase and Sale of Shares

Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

### Tax Information

For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

### Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
This Summary Prospectus is designed to provide investors with key information about the Portfolio in a clear and concise format. Before you invest, you may want to review the Portfolio’s complete prospectus, which contains more information about the Portfolio and its risks.

- **If you purchased shares of Thrivent Variable Portfolios through Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information at no cost by calling 800-847-4839 or by sending an email request to mail@thrivent.com

- **If you purchased shares of Thrivent Variable Portfolios from a firm other than Thrivent Financial:**
  You can find the Portfolio’s prospectus, reports to shareholders, and other information about the Portfolio online at ThriventPortfolios.com. You can also get this information by calling or emailing your financial advisor.

The Portfolio’s prospectus and statement of additional information, both dated April 30, 2020, are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or email address noted above.

Shares of the Portfolio are sold only to insurance company separate accounts or to other investment companies funded by insurance company separate accounts. This Summary Prospectus is not intended for use by other investors.

Beginning on January 1, 2021, as permitted by regulations adopted by the U.S. Securities and Exchange Commission, paper copies of the Portfolios’ annual and semi-annual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports. Instead, the reports will be made available on the Portfolios’ website (ThriventPortfolios.com), and you will be notified by mail each time a report is posted and provided with a website address to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you do not need to take any action. You may elect to receive shareholder reports and other communications by enrolling at Thrivent.com/gopaperless.

You may elect to receive all future shareholder reports in paper free of charge. You can call 800-847-4836 to let us know you wish to continue receiving paper copies of your shareholder reports. Your election to receive shareholder reports in paper will apply to all Portfolios held in your insurance company separate account.
**Investment Objective**

The Thrivent Small Cap Stock Portfolio (the "Portfolio") seeks long-term capital growth.

**Fees and Expenses**

This table describes the fees and expenses that you may pay if you buy and hold shares of the Portfolio. If you own a variable annuity contract or variable life insurance contract, you will have additional expenses including mortality and expense risk charges. Please refer to the prospectus for your variable contract for additional information about charges for those contracts.

<table>
<thead>
<tr>
<th>SHAREHOLDER FEES</th>
<th>(fees paid directly from your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Sales Charge (load) Imposed On Purchases (as a % of offering price)</td>
<td>N/A</td>
</tr>
<tr>
<td>Maximum Deferred Sales Charge (load) (as a percentage of the lower of the original purchase price or current net asset value)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNUAL PORTFOLIO OPERATING EXPENSES</th>
<th>(expenses that you pay each year as a percentage of the value of your investment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management Fees</td>
<td>0.67%</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.06%</td>
</tr>
<tr>
<td>Total Annual Portfolio Operating Expenses</td>
<td>0.73%</td>
</tr>
</tbody>
</table>

**EXAMPLE** This example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Portfolio is an investment option for variable contracts, and the example does not include charges imposed by variable contracts. If variable contract charges were imposed, your expenses would be higher than those shown. The example assumes that you invest $10,000 in the Portfolio 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 Portfolio's operating expenses remain the same. Although your actual cost may be higher or lower, based on the foregoing assumptions, your cost would be:

<table>
<thead>
<tr>
<th>1 Year</th>
<th>3 Years</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Small Cap Stock Portfolio</td>
<td>$75</td>
<td>$233</td>
<td>$406</td>
</tr>
</tbody>
</table>

**Portfolio Turnover**

The Portfolio 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 Portfolio shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio’s portfolio turnover rate was 53% of the average value of its portfolio.

**Principal Strategies**

Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in equity securities of small companies. The Adviser focuses mainly in the equity securities of smaller U.S. companies which have market capitalizations equivalent to those companies included in widely known indices such as the Russell 2000 Index, S&P SmallCap 600 Index, or the small company market capitalization classifications published by Lipper, Inc. These companies typically have a market capitalization of less than $6 billion. Should the Adviser change the investments used for purposes of this 80% threshold, you will be notified at least 60 days prior to the change.

The Portfolio seeks to achieve its investment objective by investing primarily in common stocks. The Adviser uses fundamental, quantitative, and technical investment research techniques to determine what securities to buy and sell. Fundamental techniques assess a security's value based on an issuer's financial profile, management, and business prospects while quantitative and technical techniques involve a more data-oriented analysis of financial information, market trends and price movements. The Adviser looks for small companies that, in its opinion:

- have an improving fundamental outlook;
- have capable management; and
- are financially sound.

The Adviser may sell securities for a variety of reasons, such as to secure gains, limit losses, or reposition assets to more promising opportunities.

**Principal Risks**

The Portfolio is subject to the following principal investment risks, which you should review carefully and in entirety. The Portfolio may not achieve its investment objective and you could lose money by investing in the Portfolio.

**Small Cap Risk.** Smaller, less seasoned companies often have greater price volatility, lower trading volume, and less liquidity than larger, more established companies. These companies tend to have small
revenues, narrower product lines, less management depth and experience, small shares of their product or service markets, fewer financial resources, and less competitive strength than larger companies. Such companies seldom pay significant dividends that could soften the impact of a falling market on returns.

**Equity Security Risk.** Equity securities held by the Portfolio may decline significantly in price, sometimes rapidly or unpredictably, over short or extended periods of time, and such declines may occur because of declines in the equity market as a whole, or because of declines in only a particular country, company, industry, or sector of the market. From time to time, the Portfolio may invest a significant portion of its assets in companies in one or more related sectors or industries which would make the Portfolio more vulnerable to adverse developments affecting such sectors or industries. Equity securities are generally more volatile than most debt securities.

**Market Risk.** Over time, securities markets generally tend to move in cycles with periods when security prices rise and periods when security prices decline. The value of the Portfolio’s investments may move with these cycles and, in some instances, increase or decrease more than the applicable market(s) as measured by the Portfolio’s benchmark index(es). The securities markets may also decline because of factors that affect a particular industry or due to impacts from the spread of infectious illness, public health threats or similar issues.

**Issuer Risk.** Issuer risk is the possibility that factors specific to an issuer to which the Portfolio is exposed will affect the market prices of the issuer’s securities and therefore the value of the Portfolio.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets. There is also no guarantee that the Adviser will be able to effectively implement the Portfolio’s investment objective.

**Health Crisis Risk.** The global pandemic outbreak of the novel coronavirus known as COVID-19 has resulted in substantial market volatility and global business disruption. The duration and full effects of the outbreak are uncertain and may result in trading suspensions and market closures, limit liquidity and the ability of the Portfolio to process shareholder redemptions, and negatively impact Portfolio performance. The COVID-19 outbreak and future pandemics could affect the global economy in ways that cannot be foreseen and may exacerbate other types of risks, negatively impacting the value of the Portfolio.
AVERAGE ANNUAL TOTAL RETURNS
(PERIODS ENDING DECEMBER 31, 2019)

<table>
<thead>
<tr>
<th></th>
<th>1 Year</th>
<th>5 Years</th>
<th>10 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrivent Small Cap Stock</td>
<td>27.77%</td>
<td>11.17%</td>
<td>12.10%</td>
</tr>
<tr>
<td>Portfolio</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russell 2000 Index (reflects</td>
<td>25.52%</td>
<td>8.23%</td>
<td>11.83%</td>
</tr>
<tr>
<td>no deduction for fees, expenses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>or taxes)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S&amp;P SmallCap 600® Index (reflects no deduction for fees, expenses or taxes)</td>
<td>22.78%</td>
<td>9.56%</td>
<td>13.35%</td>
</tr>
</tbody>
</table>

Management

Investment Adviser(s)
The Portfolio is managed by Thrivent Financial for Lutherans (“Thrivent Financial” or the “Adviser”).

Portfolio Manager(s)
Matthew D. Finn, CFA and James M. Tinucci, CFA are jointly and primarily responsible for the day-to-day management of the Portfolio. Mr. Finn has served as lead portfolio manager for the Portfolio since April 2013. Mr. Tinucci has served as the associate portfolio manager of the Portfolio since March 2015. Mr. Finn has been a portfolio manager at Thrivent Financial since 2004, when he joined Thrivent Financial. Mr. Tinucci has been with Thrivent Financial since 2014.

Purchase and Sale of Shares
Shares of each series of Thrivent Series Fund, Inc. (the “Fund”) may be sold, without any minimum initial or subsequent investment requirements, only to:
- Separate accounts of Thrivent Financial;
- Separate accounts of other insurance companies not affiliated with Thrivent Financial; and
- Other Portfolios of the Fund.

Tax Information
For information about certain tax-related aspects of investing in the Portfolio through a variable contract, please see the variable product prospectus.

Payments to Broker-Dealers and Other Financial Intermediaries
If you purchase the Portfolio through a broker-dealer or other financial intermediary (such as an insurance company), the Portfolio and its related companies may pay the intermediary for the sale of Portfolio 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 Portfolio over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.
Important notice regarding delivery of documents!

In response to concerns regarding multiple mailings, we send one copy of an annual and semiannual report and one copy of a prospectus to each household. This process is known as householding. This consolidation helps reduce printing and postage costs, thereby saving money. If you wish to receive additional copies, call us toll-free at 800-847-4836.

If you wish to revoke householding in the future, you may write to us at 4321 N. Ballard Rd., Appleton, WI 54919-0001, or call us at 800-847-4836. We will begin to mail separate regulatory mailings within 30 days of receiving your request.

No Need for Paper?

Go paperless and start accessing prospectuses, reports and other documents online. An email is sent to you when new documents are available.

Paperless delivery options:

- Prospectuses, annual and semiannual reports.
- Most billing and contribution notices.
- Most contract and account statements.
- Activity confirmation statements.
- Tax forms (life, health and annuity contract tax forms).
- Annual privacy notice.
- Thrivent magazine.

Go to Thrivent.com/gopaperless to learn more.

No person has been given the authority to give any information or to make any representations other than those contained in these prospectuses. If given or made, such information or representations must not be relied upon as having been authorized. These prospectuses do not constitute an offer to any person in a state where it is unlawful to make such an offer.

The variable annuity contract described herein was issued by Thrivent, the marketing name for Thrivent Financial for Lutherans, 4321 N. Ballard Rd., Appleton, WI 54919, and distributed by Thrivent Investment Management Inc., 625 Fourth Ave. S., Minneapolis, MN 55415, a subsidiary of Thrivent Financial for Lutherans.

Contract Forms 4470
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